

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT2680291

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
AGILENT TECHNOLOGIES, INC.	12/01/2005
RECEIVING PARTY DATA	
Name:	AVAGO TECHNOLOGIES GENERAL IP PTE. LTD.
Street Address:	8 CROSS STREET,#11-00 PWC BUILDING
City:	SINGAPORE
State/Country:	SINGAPORE
Postal Code:	048424
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	12410182
CORRESPONDENCE DATA	
Fax Number:	(312)827-8185
Phone:	312.807.4313
Email:	chicago.patents@klgates.com
<i>Correspondence will be sent via US Mail when the email attempt is unsuccessful.</i>	
Correspondent Name:	CHRISTOPHER J. BETTI, PH.D.
Address Line 1:	P.O. BOX 1135
Address Line 2:	K&L GATES LLP
Address Line 4:	CHICAGO, ILLINOIS 60690-1135
NAME OF SUBMITTER:	CHRISTOPHER J. BETTI, PH.D.
Signature:	/Christopher Betti/
Date:	01/14/2014
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TRANSFERRED BUSINESS INTELLECTUAL PROPERTY RIGHTS ASSIGNMENT - PATENTS

THIS INTELLECTUAL PROPERTY ASSIGNMENT ("Assignment") is effective as of the 1st day of December, 2005 ("Effective Date"), between:

Agilent Technologies, Inc. ("Assignor") is a corporation incorporated under the laws of Delaware.

Avago Technologies General IP (Singapore) Pte. Ltd. ("Assignee") is a company incorporated under the laws of Singapore.

WHEREAS, pursuant to the Asset Purchase Agreement dated as of August 14, 2005 between Assignor and Avago Technologies Limited (f/k/a Argos Acquisition Pte. LTD.), a company organized under the laws of Singapore ("Purchaser") ("Asset Purchase Agreement"), Assignor agreed to assign or cause to be assigned to Purchaser all of Assignor's right, title and interest in and to certain intellectual property.

NOW, THEREFORE, for good and valuable consideration (including that recited in the Asset Purchase Agreement),

1. For purposes of this Assignment, "Assigned Intellectual Property" shall mean and include all of Assignor's right, title, and interest in and to the "Transferred Business Intellectual Property," and the "Transferred Business Intellectual Property Rights" as those terms are defined in the Asset Purchase Agreement. Unless otherwise defined herein, all terms shall have the meanings ascribed to them in the Asset Purchase Agreement.

2. Assignor hereby grants, conveys and assigns to Assignee, all of its right, title and interest in and to all Patents it may own or have acquired rights in, anywhere in the world, to the extent included within Assigned Intellectual Property, including without limitation the Patents listed on Schedule A hereto (the "Assigned Patents"), including any and all rights, priorities and privileges of Assignor provided under United States, state or foreign law, or multinational law, compact, treaty, protocol convention or organization, with respect to the foregoing ("Related Rights"). For the avoidance of doubt, the transfers to Assignee shall be exclusive and perpetual and shall include all of Assignor's rights in and to the Assigned Intellectual Property, including the rights to make, use, sell, and commercially exploit such assets in all fields of use throughout the entire world.

3. Assignor further grants, conveys and assigns to Assignee all its right, title and interest in and to any and all proceeds, causes of action and rights of recovery for past and future infringement or misappropriation of any of the Assigned Patents or Related Rights.

4. Assignor further grants, conveys and assigns to Assignee all its right, title and interest in and to any and all rights of Assignor to obtain reissues, re-examinations, continuations, continuations-in-part, divisions, extensions or other legal protections arising solely from the Assigned Patents and Related Rights that are or may be secured in any relevant

jurisdiction anywhere in the world, including (but not limited to) the United States, its territories and possessions, now or hereinafter in effect.

6. The Assigned Patents are conveyed subject to any and all licenses, permissions, consents or other rights that may have been granted by Assignor or its predecessors-in-interest with respect thereto prior to the Effective Date.

7. This Agreement may be executed in counterparts, each of which will be deemed an original, but all of which together constitute one and the same original.

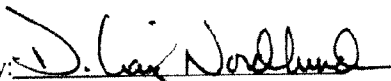
[SIGNATURE PAGE FOLLOWS]

SV483128.2

PATENT
REEL: 031960 FRAME: 0006

IN WITNESS WHEREOF, the undersigned has caused this Assignment to be duly executed and delivered as of the date above first written.

AGILENT TECHNOLOGIES, INC.

By: 
Name: D. CRAIG NORDLUND
Title: Senior Vice President
General Counsel and Secretary

AVAGO TECHNOLOGIES GENERAL IP
(SINGAPORE) PTE. LTD.

By: _____
Name:
Title:

[SIGNATURE PAGE TO IP ASSIGNMENT AGREEMENT - PATENTS]

SV483128

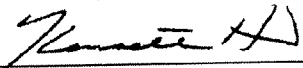
PATENT
REEL: 031960 FRAME: 0007

IN WITNESS WHEREOF, the undersigned has caused this Assignment to be duly executed and delivered as of the date above first written.

AGILENT TECHNOLOGIES, INC.

By: _____
Name:
Title:

AVAGO TECHNOLOGIES GENERAL IP
(SINGAPORE) PTE. LTD.

By: 
Name: _____
Title: KENNETH Y. HAO
Director

[SIGNATURE PAGE TO IP ASSIGNMENT AGREEMENT - PATENTS]

SV483128

PATENT
REEL: 031960 FRAME: 0008

S C H E D U L E A

SV483128.2

Schedule A

Family	Sub Case	Ctry	Status	Title	App #	File Date	Pub #	Pub Date	Pat #	Issue Date
10001055	01	US	Granted	Method And Apparatus For The Passive Alignment Of Optical Components	09/687934	10/13/00			6526205	2/25/03
10001055	02	EP	Pending	Method And Apparatus For The Passive Alignment Of Optical Components	01120406.2	8/27/01	1197774	4/17/02		
10001055	03	JP	Pending	Method And Apparatus For The Passive Alignment Of Optical Components	P2001-316692	10/15/01	2002182088	6/26/02		
10001055	04	KR	Pending	Method And Apparatus For The Passive Alignment Of Optical Components	2001-0062950	10/12/01				
10001106	01	US	Granted	Liquid Crystal Pixel Current Sensing For Silicon Mlcro Displays	09/584910	5/30/00			6351327	2/26/02
10001133	01	US	Granted	Foldable Display System	09/605460	6/28/00			6377402	4/23/02
10001136	01	US	Granted	Gate Transition Counter	09/637534	8/11/00			6396312	5/28/02
10001136	02	JP	Pending	Gate Transition Counter	P2001-245747	8/13/01	2002-11623	4/19/02		
10001136	03	DE	Granted	Gate Transition Counter	10139061.0	8/9/01	10139061	2/21/02	10139061	1/2/03
10001136	04	SG	Granted	Gate Transition Counter	200104677-0	8/7/01			106622	5/31/05
10001137	02	JP	Pending	Programmable Divider	P2001-245355	8/13/01				
10001137	03	DE	Published	Programmable Divider	10129033.0	6/15/01	10129033	2/21/02		
10001137	04	SG	Pending	Programmable Divider	200104678-8	8/7/01				
10001140	01	US	Granted	Systems And Methods For Facilitating Testing Of Pad Receivers Of Integrated Circuits	09/723831	11/28/00			6577980	6/10/03
10001140	02	JP	Pending	Systems And Methods For Facilitating Testing Of Pad Receivers Of Integrated Circuits	P2001-363126	11/28/01	2002-22155	8/9/02		
10001140	03	DE	Published	Systems And Methods For Facilitating Testing Of Pad Receivers Of Integrated Circuits	10158240.4	11/28/01	10158240	9/12/02		
10001140	04	SG	Pending	Systems And Methods For Facilitating Testing Of Pad Receivers Of Integrated Circuits	200106488-0	10/19/01				
10001140	05	US	Granted	Systems And Methods For Facilitating Testing Of Pad Receivers Of Integrated Circuits	10/383668	3/7/03	0158691	8/21/03	6907376	6/14/05
10001141	01	US	Granted	Systems And Methods For Facilitating Testing Of Pad Receivers Of Integrated Circuits	09/813752	3/21/01	0135391	9/26/02	6658613	12/2/03
10001141	02	JP	Pending	Systems And Methods For Facilitating Testing Of Pad Receivers Of Integrated Circuits	P2002-072537	3/15/02	2002-34098	11/27/02		
10001141	03	DE	Published	Systems And Methods For Facilitating Testing Of Pad Receivers Of Integrated Circuits	10211894.9	3/18/02	10211894	10/10/02		
10001141	04	SG	Granted	Systems And Methods For Facilitating Testing Of Pad Receivers Of Integrated Circuits	200201108-8	2/26/02	109961	4/28/05	109961	6/30/05
10001142	01	US	Granted	Systems And Methods For Facilitating Testing Of Pad Drivers Of Integrated Circuits	09/878024	6/7/01	0188901	12/12/02	6721920	4/13/04
10001142	02	JP	Pending	Systems And Methods For Facilitating Testing Of Pad Drivers Of Integrated Circuits	P2002-167319	6/7/02	2003-06612	3/5/03		
10001142	03	DE	Published	Systems And Methods For Facilitating Testing Of Pad Drivers Of Integrated Circuits	10219134.4	4/29/02	10219134	1/16/03		
10001142	04	SG	Published	Systems And Methods For Facilitating Testing Of Pad Drivers Of Integrated Circuits	200202966-8	5/16/02	114549	9/28/05		
10001143	01	US	Granted	Systems And Methods For Facilitating Driver Strength Testing Of Integrated Circuits	10/125338	4/18/02	0197520	10/23/03	6762614	7/13/04
10001143	02	JP	Published	Systems And Methods For Facilitating Driver Strength Testing Of Integrated Circuits	P2003-098935	4/2/03	2003344509	12/3/03		
10001143	03	DE	Published	Systems And Methods For Facilitating Driver Strength Testing Of Integrated Circuits	10304880.4	2/6/03	10304880	11/6/03		
10001143	04	SG	Pending	Systems And Methods For Facilitating Driver Strength Testing Of Integrated Circuits	200206687-6	11/6/02				
10001144	01	US	Published	Systems And Methods For Facilitating Testing Of Pad Drivers Of Integrated Circuits	10/094528	3/8/02	0172332	9/11/03		
10001144	02	JP	Published	Systems And Methods For Facilitating Testing Of Pad Drivers Of Integrated Circuits	P2003-062988	3/10/03	2004003985	1/8/04		
10001144	03	DE	Published	Systems And Methods For Facilitating Testing Of Pad Drivers Of Integrated Circuits	10255113.8	11/26/02	10255113	10/16/03		
10001144	04	SG	Pending	Systems And Methods For Facilitating Testing Of Pad Drivers Of Integrated Circuits	200206279-2	10/16/02				

10001197	01	US	Granted	Aligning An Optical Device System With An Optical Lens System	09/688064	10/13/00			6759687	7/6/04
10001197	02	JP	Published	Aligning An Optical Device System With An Optical Lens System	P2001-314981	10/12/01	2002214500	7/31/02		
10001197	03	GB	Granted	Aligning An Optical Device System With An Optical Lens System	0122719.8	9/20/01	2371923	8/7/02	2371923	1/5/05
10001197	04	DE	Published	Aligning An Optical Device System With An Optical Lens System	10150401.2	10/11/01	10150401	5/23/02		
10001269	01	US	Granted	Total Internal Reflection Optical Switch Utilizing A Moving Droplet	09/871486	5/31/01	0181835	12/5/02	6647165	11/11/03
10001269	03	JP	Pending	Total Internal Reflection Optical Switch Utilizing A Moving Droplet	P2002-148875	5/23/02	2003-10737	4/9/03		
10001269	05	DE	Granted	Total Internal Reflection Optical Switch Utilizing A Moving Droplet	03023270.6	10/14/03	1385036	1/28/04	60203383.7	3/23/05
10001269	06	FR	Granted	Total Internal Reflection Optical Switch Utilizing A Moving Droplet	03023270.6	10/14/03	1385036	1/28/04	1385036	3/23/05
10001269	07	GB	Granted	Total Internal Reflection Optical Switch Utilizing A Moving Droplet	03023270.6	10/14/03	1385036	1/28/04	1385036	3/23/05
10001269	08	DE	Granted	Total Internal Reflection Optical Switch Utilizing A Moving Droplet	02002173.9	1/29/02	1262811	6/4/03	60203340.3	3/23/05
10001269	09	FR	Granted	Total Internal Reflection Optical Switch Utilizing A Moving Droplet	02002173.9	1/29/02	1262811	6/4/03	1262811	3/23/05
10001269	10	GB	Granted	Total Internal Reflection Optical Switch Utilizing A Moving Droplet	02002173.9	1/29/02	1262811	6/4/03	1262811	3/23/05
10001358	01	US	Granted	Combined GPS And CDMA In A Mobile Transceiver	09/558122	4/25/00			6351236	2/26/02
10001358	03	EP	Published	Combined GPS And CDMA In A Mobile Transceiver	01108181.7	3/30/01	1152254	10/8/03		
10001379	01	US	Granted	Efficiency Gan-based Light Emitting Devices	10/026232	12/21/01	0110172	8/15/02	6853663	2/8/05
10001391	01	US	Granted	AN INTEGRATED FILTER BALUN	09/704201	10/31/00			6542055	4/1/03
10001391	02	JP	Pending	AN INTEGRATED FILTER BALUN	P2001-330844	10/29/01				
10001391	03	EP	Published	AN INTEGRATED FILTER BALUN	01109923.1	4/24/01	1202454	2/4/04		
10001555	01	US	Granted	Elastic Buffers For Serdes Word Alignment And Rate Matching Between Time Domains	09/561078	4/28/00			6693918	2/17/04
10001555	02	DE	Granted	Elastic Buffers For Serdes Word Alignment And Rate Matching Between Time Domains	10108379.3	2/21/01	10108379	10/31/01	10108379	7/31/03
10001701	01	US	Pending	A Printer Formatter In A Cable	09/675194	9/29/00				
10001745	01	US	Pending	Printer Formatter In A Removable Card	09/675920	9/29/00				
10001847	01	US	Granted	Passband Filter Having An Asymmetrical Filter Response	09/783773	2/14/01	0109563	8/15/02	6462631	10/8/02
10001847	02	JP	Pending	Passband Filter Having An Asymmetrical Filter Response	P2002-029507	2/6/02				
10001848	01	US	Published	A Differential Radio	10/008492	11/13/01	0092408	5/15/03		
10001848	02	JP	Published	A Differential Radio	P2002-312499	10/28/02	2003198413	5/23/03		
10001848	06	GB	Pending	A Differential Radio	10262123.3	9/6/04				
10001889	01	US	Granted	Multiplexer With Channel Sectioning, Selectively Actuated Current Sources, And Common-Base Amplifiers	09/654635	9/5/00			6760349	7/6/04
10001889	02	EP	Pending	Multiplexer With Channel Sectioning, Selectively Actuated Current Sources, And Common-Base Amplifiers	01111081.4	5/8/01	1187382	3/13/02		
10001889	03	JP	Pending	Multiplexer With Channel Sectioning, Selectively Actuated Current Sources, And Common-Base Amplifiers	P2001-268422	9/3/01	2002-15202	5/24/02		
10001889	04	KR	Pending	Multiplexer With Channel Sectioning, Selectively Actuated Current Sources, And Common-Base Amplifiers	0054006	9/4/01				
10001892	01	US	Pending	Fingerprint Imager	09/637520	8/10/00				
10001892	02	EP	Published	Fingerprint Imager	01108211.2	3/30/01	1179801	9/24/03		
10001892	03	JP	Pending	Fingerprint Imager	P2001-243158	8/10/01	2002-12382	4/26/02		
10002018	01	US	Granted	Low-Power CMOS Digital Voltage Level Shifter	09/640259	8/16/00			6429683	8/6/02
10002126	01	JP	Pending	Photodetector	P2000-149091	5/19/00				
10002238	01	US	Granted	Electrically Adjustable Pulse Delay Circuit	09/558460	4/25/00			6469558	10/22/02
10002250	01	US	Granted	System And Method For Dynamic Modification Of Integrated Circuit Functionality	09/627696	7/28/00			6614260	9/2/03
10002295	01	US	Granted	Coding Method And Coder For Coding Packetized Serial Data With Low Overhead	09/522782	3/6/00			6718491	4/6/04
10002295	02	JP	Pending	Coding Method And Coder For Coding Packetized Serial Data With Low Overhead	P2001-061777	3/6/01	2001-29849	10/26/01		

10002295	03	EP	Published	Coding Method And Coder For Coding Packetized Serial Data With Low Overhead	01104904.6	2/28/01	1133124	5/19/04		
10002295	04	US	Pending	Coding Method For Coding Packetized Serial Data With Low Overhead	10/814442	3/30/04				
10002589	01	US	Granted	Chemical Vapor Deposition Method For Amorphous Silicon And Resulting Film	09/591815	6/12/00			6436488	8/20/02
10002589	02	EP	Published	Chemical Vapor Deposition Method For Amorphous Silicon And Resulting Film	01108183.3	3/30/01	1164206	11/5/03		
10002589	03	CN	Pending	Chemical Vapor Deposition Method For Amorphous Silicon And Resulting Film	01121189.X	6/12/01	1339617	3/13/02		
10002589	04	JP	Pending	Chemical Vapor Deposition Method For Amorphous Silicon And Resulting Film	P2001-176532	6/12/01				
10002589	05	KR	Pending	Chemical Vapor Deposition Method For Amorphous Silicon And Resulting Film	2001-0032585	6/11/01				
10002589	07	CN	Published	Chemical Vapor Deposition Method For Amorphous Silicon And Resulting Film	200510055906.4	3/18/05	1657648	8/24/05		
10002596	01	US	Granted	Metallic Optical Barrier For Photo-Detector Array Is Also Interconnecting Electrode	09/558461	4/25/00			6455836	9/24/02
10002596	02	JP	Granted	Metallic Optical Barrier For Photo-Detector Array Is Also Interconnecting Electrode	P2001-124296	4/23/01	2002-03347	1/31/02	P3694655	7/1/05
10002596	03	JP	Pending	Metallic Optical Barrier For Photo-Detector Array Is Also Interconnecting Electrode	P2005-153680	5/26/05				
10002628	01	US	Granted	Decoding Method And Decoder For 64b/66b Coded Packetized Serial Data	09/519840	3/6/00			6650638	11/18/03
10002628	02	JP	Pending	Decoding Method And Decoder For 64b/66b Coded Packetized Serial Data	P2001-061776	3/6/01				
10002628	03	EP	Published	Decoding Method And Decoder For 64b/66b Coded Packetized Serial Data	01104882.4	2/28/01	1133123	5/19/04		
10002649	01	US	Granted	Polarization-Independent, Configurable Optical Multiplexer	09/703400	10/31/00			6658212	12/2/03
10002649	02	EP	Published	Polarization-Independent, Configurable Optical Multiplexer	01120566.3	8/29/01	1202091	4/7/04		
10002649	03	JP	Pending	Polarization-Independent, Configurable Optical Multiplexer	P2001-332537	10/30/01	2002-26801	9/18/02		
10002985	01	US	Granted	Accurate Time Delay System And Method Utilizing An Inaccurate Oscillator	09/765188	1/18/01			6326825	12/4/01
10002985	02	JP	Pending	Accurate Time Delay System And Method Utilizing An Inaccurate Oscillator	P2001-385522	12/19/01				
10002985	03	DE	Granted	Accurate Time Delay System And Method Utilizing An Inaccurate Oscillator	10200698.9	1/10/02	10200698	8/8/02	10200698	1/22/04
10002985	04	SG	Pending	Accurate Time Delay System And Method Utilizing An Inaccurate Oscillator	200200299-6	1/16/02				
10003011	01	US	Granted	Optical Cavity For Optical Devices	09/778661	2/6/01	0135909	9/26/02	6833958	12/21/04
10003011	02	EP	Published	Optical Cavity For Optical Devices	01125548.6	10/25/01	1229374	4/2/03		
10003244	01	US	Granted	Bulk Acoustic Resonator Perimeter Reflection System	09/746525	12/21/00	0079986	6/27/02	6424237	7/23/02
10003244	02	JP	Pending	Bulk Acoustic Resonator Perimeter Reflection System	P2001-390378	12/21/01	2002-22314	8/9/02		
10003244	03	EP	Pending	Bulk Acoustic Resonator Perimeter Reflection System	01127747.2	11/21/01	1217734	6/26/02		
10003244	04	KR	Pending	Bulk Acoustic Resonator Perimeter Reflection System	2001-0081705	12/20/01				
10003244	05	MY	Pending	Bulk Acoustic Resonator Perimeter Reflection System	PI20015424	11/27/01				
10003244	06	SG	Granted	Bulk Acoustic Resonator Perimeter Reflection System	200107431-9	11/29/01			98460	6/30/05
10003245	02	JP	Pending	A Packaging Methodology For Duplexers Using FBARs	P2001-334685	10/31/01				
10003245	03	EP	Published	A Packaging Methodology For Duplexers Using FBARs	01113271.9	5/31/01	1202455	9/15/04		
10003246	01	US	Granted	Mounting Film Bulk Acoustic Resonators In Microwave Packages Using Flip Chip Bonding Technology.	09/733704	12/9/00	0070262	6/13/02	6550664	4/22/03
10003246	02	JP	Pending	Mounting Film Bulk Acoustic Resonators In Microwave Packages Using Flip Chip Bonding Technology.	P2001-364897	11/29/01				
10003246	03	DE	Published	Mounting Film Bulk Acoustic Resonators In Microwave Packages Using Flip Chip Bonding Technology.	10156357.4	11/16/01	10156357	5/15/03		
10003247	01	US	Granted	Method Of Making An Acoustic Wave Resonator	09/652455	8/31/00			6420820	7/16/02

10003247	02	JP	Granted	Acoustic Wave Resonator And Method Of Operating The Same To Maintain Resonance When Subjected To Temperature Variations	P2001-261497	8/30/01			P3592276	9/3/04
10003247	04	CN	Published	Acoustic Wave Resonator And Method Of Operating The Same To Maintain Resonance When Subjected To Temperature Variations	01122139.9	7/2/01	1340915	3/20/02		
10003247	05	US	Granted	Method Of Making An Acoustic Wave Resonator	10/008838	11/8/01	0038989	4/4/02	6874212	4/5/05
10003263	01	US	Granted	Method For Adjusting And Stabilizing The Frequency Of An Acoustic Resonator	09/996951	11/27/01	0098631	5/29/03	6710508	3/23/04
10003263	02	JP	Published	Method For Adjusting And Stabilizing The Frequency Of An Acoustic Resonator	P2002-341761	11/26/02	2003209451	7/25/03		
10003264	01	US	Granted	Acoustic Resonator Filter With Reduced Electromagnetic Influence Due To Die Substrate Thickness	09/659254	9/11/00			6377137	4/23/02
10003264	02	JP	Pending	Acoustic Resonator	P2001-273852	9/10/01				
10003264	03	EP	Published	Acoustic Resonator	01113032.5	5/28/01	0087318	5/28/03		
10003264	04	KR	Pending	Acoustic Resonator	0055395	9/10/01				
10003264	05	MY	Pending	Acoustic Resonator	P120012882	6/19/01				
10003264	06	SG	Granted	Acoustic Resonator	200105410-5	9/11/01			99374	1/31/05
10003288	01	US	Granted	Ceramic Substrate For Photonic Switching System	09/741617	12/18/00	0076135	6/20/02	6532319	3/11/03
10003288	02	JP	Pending	Ceramic Substrate For Photonic Switching System	P2001-384239	12/18/01				
10003289	01	US	Granted	Optical Cross-Switch Gas Intrusion Detector And Detection Method	09/775284	1/31/01	0114576	8/22/02	6449401	9/10/02
10003289	02	JP	Pending	Optical Cross-Switch Gas Intrusion Detector And Detection Method	P2002-020074	1/29/02				
10003396	01	US	Granted	Systems And Methods Of Monitoring Thin Film Deposition	09/840401	4/23/01	0152803	10/24/02	6668618	12/30/03
10003396	02	US	Granted	Systems And Methods Of Monitoring Thin Film Deposition	10/266857	10/7/02	0041654	3/6/03	6651488	11/25/03
10003431	01	US	Published	Equalization For Crosspoint Switches	10/066019	1/30/02	0142738	7/31/03		
10003564	01	US	Granted	A Method For Reducing Noise Generated In A Power Amplifier	09/678954	10/3/00			6489862	12/3/02
10003564	02	JP	Published	A Method For Reducing Noise Generated In A Power Amplifier	P2001-307449	10/3/01	2002185262	6/28/02		
10003564	03	EP	Published	A Method For Reducing Noise Generated In A Power Amplifier	01112501.0	5/22/01	1202447	5/2/02		
10003564	04	KR	Pending	A Method For Reducing Noise Generated In A Power Amplifier	2001-0060334	9/28/01				
10003564	05	MY	Pending	A Method For Reducing Noise Generated In A Power Amplifier	P120012543	5/29/01				
10003608	01	US	Granted	Optical Switch With Converging Optical Element	09/949487	9/7/01	0048980	3/13/03	6711319	3/23/04
10003608	02	JP	Published	Optical Switch With Converging Element	P2002-259674	9/5/02	2003161900	6/6/03		
10003608	03	EP	Published	Optical Switch With Converging Element	02010058.2	5/6/02	1291690	6/16/04		
10003645	01	US	Published	Telecentric Singlet Having A Small Height Requirement	10/087278	3/1/02	0165023	9/4/03		
10003645	02	JP	Published	Telecentric Singlet Having A Small Height Requirement	P2003-049158	2/26/03	2003262791	9/19/03		
10003645	03	EP	Published	Telecentric Singlet Having A Small Height Requirement	02023492.8	10/21/02	1353207	1/21/04		
10003687	01	US	Granted	An Apparatus And Method For Generating A Set Of Test Sequences Using Nonrandom Filling	09/589338	6/7/00			6865706	3/8/05
10003687	02	DE	Published	An Apparatus And Method For Generating A Set Of Test Sequences Using Nonrandom Filling	10125331.1	5/23/01	10125331	1/17/02		
10003746	01	US	Granted	Illumination Optics And Method	09/636528	8/10/00			6476970	11/5/02
10003746	02	US	Granted	Illumination Optics And Method	10/114973	4/2/02	0114162	8/22/02	6829098	12/7/04
10003758	01	US	Granted	Integrated Circuit Assembly Cleaning Apparatus And Method	09/814446	3/22/01	013448	9/26/02	6592680	7/15/03
10003758	02	SG	Granted	Integrated Circuit Assembly Cleaning Apparatus And Method	200201109-6	2/26/02	104336	6/21/04	104301	9/30/05
10003767	02	JP	Published	Solid State Image Sensor Array For Correcting Curvilinear Distortion Of A Camera Lens System And Method For Fabricating The Image Sensor Array	P2002-363626	12/16/02	2003229563	8/15/03		

10003767	03	TW	Granted	Solid State Image Sensor Array For Correcting Curvilinear Distortion Of A Camera Lens System And Method For Fabricating The Image Sensor Array	91120601	9/10/02	595216	6/21/04	205329	10/19/04
10003767	04	EP	Pending	Solid State Image Sensor Array For Correcting Curvilinear Distortion Of A Camera Lens System And Method For Fabricating The Image Sensor Array	02021760.0	9/25/02				
10003768	04	TW	Granted	Four Axis Optical Mouse	90104256	2/23/01	594585	6/21/04	205580	10/26/04
10003772	01	US	Granted	Integrated Circuit Metallization Using A Titanium/Aluminum Alloy	09/698459	10/27/00			6646346	11/11/03
10003772	02	JP	Pending	Integrated Circuit Metallization Using A Titanium/Aluminum Alloy	P2001-326119	10/24/01				
10003772	03	DE	Pending	Integrated Circuit Metallization Using A Titanium/Aluminum Alloy	10152913.9	10/26/01	10152913	5/29/02		
10003772	04	SG	Pending	Integrated Circuit Metallization Using A Titanium/Aluminum Alloy	200106489-8	10/19/01				
10003772	05	US	Granted	Integrated Circuit Metallization Using A Titanium/Aluminum Alloy	10/648735	8/26/03	0038453	2/26/04	6903017	6/7/05
10003773	01	US	Granted	A Method For Delay Line Linearity Testing	09/675918	9/29/00			6437553	8/20/02
10003780	01	US	Granted	High Speed VCSEL	09/627878	7/28/00			6658040	12/2/03
10003780	02	JP	Pending	High Speed VCSEL	P2001-229933	7/30/01				
10003780	03	GB	Granted	High Speed VCSEL	0118287.2	7/26/01	2370689	7/3/02	2370689	5/4/05
10003780	04	DE	Pending	High Speed VCSEL	10136334.6	7/26/01	10136334.6	2/14/02		
10003780	05	TW	Granted	High Speed VCSEL	90106716	3/22/01	477097	2/21/02	151547	2/21/02
10003780	06	KR	Pending	High Speed VCSEL	0045311	7/27/01				
10003780	07	GB	Granted	High Speed VCSEL	0421228.8	9/23/04	2403066	12/22/04	2403066	5/4/05
10003780	08	GB	Granted	High Speed VCSEL	0428227.3	12/23/04	2406216	3/23/05	2406216	5/4/05
10003782	02	US	Pending	Fiber Optic Receiver With An Adjustable Bandwidth Post-Amplifier	09/818433	3/26/01	0135845	9/26/02		
10003782	03	JP	Pending	Fiber Optic Receiver With An Adjustable Bandwidth Post-Amplifier	P2002-085718	3/26/02	2003-02339	1/24/03		
10003782	04	DE	Published	Fiber Optic Receiver With An Adjustable Bandwidth Post-Amplifier	10213599.1	3/26/02	10213599	10/24/02		
10003782	05	GB	Granted	Fiber Optic Receiver With An Adjustable Bandwidth Post-Amplifier	0206989.6	3/25/02	2378334	2/5/03	2378334	11/3/04
10003782	06	GB	Granted	Fiber Optic Receiver	0418142.6	8/13/04	2402281	12/1/04	2402281	3/9/05
10003795	01	US	Granted	Pressure-Actuated Bistable Optical Switch	09/992843	11/6/01	00896637	5/8/03	6674934	1/6/04
10003795	02	JP	Published	Pressure-Actuated Bi-Stable Optical Switching	P2002-322500	11/6/02	2003149564	5/21/03		
10003795	03	EP	Published	Pressure Actuated Bi-Stable Optical Switching	02020397.2	9/12/02	1310809	4/7/04		
10003802	01	US	Granted	Lens Structures For Flux Redistribution And For Optical Low Pass Filtering	09/976181	10/12/01	0072083	4/17/03	6717735	4/6/04
10003803	01	US	Granted	Combined Pointing Device And Bar Code Scanner	09/726755	11/30/00	0063158	5/30/02	6585158	7/1/03
10003807	01	US	Pending	Defective Pixel Correction Method And System	09/834061	4/11/01	0149683	10/17/02		
10003807	02	JP	Pending	Defective Pixel Correction Method And System	P2002-103422	4/5/02	2003-00900	1/10/03		
10003807	03	EP	Published	Defective Pixel Correction Method And System	02001705.9	1/24/02	1250000	3/5/03		
10003809	01	US	Granted	Reliability-Enhancing Layers For Vertical Cavity Surface Emitting Lasers	09/840592	4/23/01	0154675	10/24/02	6628694	9/30/03
10003809	02	JP	Pending	Reliability-Enhancing Layers For Vertical Cavity Surface Emitting Lasers	P2002-117909	4/19/02	2002-32992	11/15/02		
10003809	03	GB	Granted	Reliability-Enhancing Layers For Vertical Cavity Surface Emitting Lasers	0209172.6	4/22/02	2380606	4/9/03	2380606	3/30/05
10003809	04	KR	Pending	Reliability-Enhancing Layers For Vertical Cavity Surface Emitting Lasers	2002-0022262	4/23/02				
10003809	05	TW	Granted	Reliability-Enhancing Layers For Vertical Cavity Surface Emitting Lasers	90133381	12/31/01			171106	5/27/03
10003809	06	DE	Pending	Reliability-Enhancing Layers For Vertical Cavity Surface Emitting Lasers	10217304.4	4/18/02	10217304	10/31/02		
10003809	07	US	Published	Reliability-enhancing Layers For Vertical Cavity Surface Emitting Lasers	10/619521	7/14/03	0175050	8/11/05		
10003868	01	US	Granted	Simplified Upper Electrode Contact Structure For PIN Diode Active Pixel Sensor	09/810852	3/16/01	0130380	9/19/02	6649993	11/18/03
10003868	02	US	Granted	Simplified Upper Electrode Contact Structure For PIN Diode Active Pixel Sensor	10/306050	11/26/02	0085410	5/8/03	6902946	6/7/05
10003876	01	US	Granted	Micro Soldering Method And Apparatus	09/678288	10/2/00			6423939	7/23/02
10003876	03	EP	Published	Micro Soldering Method And Apparatus	01120407.0	8/27/01	1193750	7/10/02		
10003924	01	US	Pending	Method And System For Routing Packets Through Network By Employing Geographical Position Data	09/847765	5/1/01	0163912	11/7/02		

10003924	02	JP	Pending	Method And System For Routing Packets Through Network By Employing Geographical Postion Data	P2002-129571	5/1/02	2002-36878	12/20/02		
10003924	03	EP	Published	Method And System For Routing Packets Through Network By Employing Geographical Postion Data	02002782.7	2/7/02	1255380	12/29/04		
10003928	01	US	Pending	Ad Hoc Wide Area Network Access Method And System	09/736723	12/13/00	0071416	6/13/02		
10003928	02	JP	Pending	Ad Hoc Wide Area Network Access Method And System	P2001-373053	12/6/01				
10003959	01	US	Pending	Scan-Based State Save And Restore Method And System For Inactive State Power Reduction	09/844624	4/26/01	0162037	10/31/02		
10003959	02	JP	Pending	Scan- Based State Save And Restore Method And System For Inactive State Power Reduction	P2002-118742	4/22/02	2003-15787	1/17/03		
10003959	03	EP	Pending	Scan- Based State Save And Restore Method And System For Inactive State Power Reduction	02002180.4	1/29/02	1256870	11/13/02		
10003966	01	US	Granted	Electromagnetic Interference Reduction Method And Apparatus	09/715971	11/17/00			6529306	3/4/03
10003966	02	JP	Pending	Electromagnetic Interference Reduction Method And Apparatus	P2001-351569	11/16/01				
10003966	03	GB	Granted	Electromagnetic Interference Reduction Method And Apparatus	0125649.4	10/25/01	2372882	9/4/02	2372882	11/10/04
10003966	04	DE	Published	Electromagnetic Interference Reduction Method And Apparatus	10156356.6	11/16/01	10156356	7/25/02		
10003969	01	US	Pending	Improved Optical Switch And Networking Method	09/805407	3/12/01	0126342	9/12/02		
10003969	02	JP	Pending	Improved Optical Switch And Networking Method	P2002-061656	3/7/02				
10003969	03	EP	Published	Improved Optical Switch And Networking Method	01128759.6	12/3/01	1248490	5/7/03		
10003971	02	JP	Published	System Solution For Amorphous LAG Problem	P2001-307448	10/3/01	2002152596	5/24/02		
10003971	04	KR	Pending	System Solution For Amorphous LAG Problem	2001-0061132	10/4/01				
10003971	05	TW	Granted	System Solution For Amorphous LAG Problem	90120731	8/23/01	552799	9/11/03	186863	1/30/04
10003971	06	DE	Granted	System Solution For Amorphous LAG Problem	01121187.7	9/4/01	1195987	5/15/02	60102540.7	3/31/04
10003971	07	FR	Granted	System Solution For Amorphous LAG Problem	01121187.7	9/4/01	1195987	5/15/02	1195987	3/31/04
10003971	08	GB	Granted	System Solution For Amorphous LAG Problem	01121187.7	9/4/01	1195987	5/15/02	1195987	3/31/04
10003979	01	US	Granted	System And Method For Capturing Color Images That Extends The Dynamic Range Of An Image Sensor Using And Second Groups Of Pixels	09/847968	5/2/01	0163583	11/7/02	6924841	8/2/05
10003979	02	JP	Pending	System And Method For Capturing Color Images That Extends The Dynamic Range Of An Image Sensor	P2002-123538	4/25/02	2003-02244	1/24/03		
10003979	03	EP	Published	System And Method For Capturing Color Images That Extends The Dynamic Range Of An Image Sensor	02005049.8	3/6/02	1255410	5/26/04		
10003980	01	US	Granted	Diffraction Optical Element For Providing Favorable Multi-Mode Fiber Launch And Reflection Management	09/739531	12/15/00	0201893	10/14/04	6822794	11/23/04
10003980	02	JP	Pending	Diffraction Optical Element For Providing Favorable Multi-Mode Fiber Launch And Reflection Management	P2001-381160	12/14/01	2002-27769	9/25/02		
10003980	03	DE	Published	Diffraction Optical Element For Providing Favorable Multi-Mode Fiber Launch And Reflection Management	10161329.6	12/13/01	10161329	7/4/02		
10003980	04	GB	Granted	Diffraction Optical Element For Providing Favorable Multi-Mode Fiber Launch And Reflection Management	0129994.0	12/14/01	2370653	7/3/02	2730653	12/15/04
10003980	06	KR	Pending	Diffraction Optical Element For Providing Favorable Multi-Mode Fiber Launch And Reflection Management	2001-0079347	12/14/01				
10003980	07	US	Granted	Diffraction Optical Element For Providing Favorable Multi-mode Fiber Launch And Reflection Management	10/608643	6/27/03	0008414	1/15/04	6856460	2/15/05
10003981	01	US	Granted	Laser Driver With A Safety Circuit Having Digital Feedback	10/213560	8/5/02	0022285	2/5/04	6792020	9/14/04
10003992	01	US	Granted	Optical Systems For Z-Axis Alignment Of Fiber, Lens And Source Arrays	09/738919	12/15/00	1091910	12/19/02	6510262	1/21/03
10003995	01	US	Granted	Intergated Parallel Channel Optical Monitoring For Parallel Optics Transmitter	09/738417	12/15/00	0075911	6/20/02	6526076	2/25/03
10003995	02	JP	Granted	Intergated Parallel Channel Optical Monitoring For Parallel Optics Transmitter	P2001-381637	12/14/01	2002-23207	8/16/02	P3709372	8/12/05

10003995	03	DE	Published	Intergated Parallel Channel Optical Monitoring For Parallel Optics Transmitter	10161308.3	12/13/01	10161308	7/18/02		
10003995	04	GB	Published	Intergated Parallel Channel Optical Monitoring For Parallel Optics Transmitter	0129995.7	12/14/01	2374142	10/9/02		
10003995	05	KR	Pending	Intergated Parallel Channel Optical Monitoring For Parallel Optics Transmitter	2001-0079344	12/14/01				
10003995	06	TW	Granted	Intergated Parallel Channel Optical Monitoring For Parallel Optics Transmitter	90128522	11/21/01	543253	7/21/03	182667	11/24/03
10004014	01	US	Granted	Integrator/Comparator Control Of Ring Oscillator Frequency And Duty Cycle	09/626583	7/27/00			6549081	4/15/03
10004023	01	US	Granted	High Density Contact Arrangement	09/702481	10/31/00			6556454	4/29/03
10004023	02	JP	Pending	High Density Contact Arrangement	P2001-334999	10/31/01	2002-20392	7/19/02		
10004023	03	DE	Published	High Density Contact Arrangement	10153666.6	10/31/01	10153666	5/23/02		
10004023	04	SG	Granted	High Density Contact Arrangement	200106490-6	10/19/01	103839	5/26/04	103839	6/30/05
10004051	01	US	Granted	Two Stage VCO Circuit With Low Voltage And Power Requirements	09/927800	8/10/01	0030498	2/13/03	6593820	7/15/03
10004053	01	US	Granted	Printer Pen Carriage Support	10/021957	12/14/01	0112313	6/19/03	6595633	7/22/03
10004053	02	JP	Published	Printer Pen Carriage Support	P2002-347163	11/29/02	2003191561	7/9/03		
10004056	01	US	Granted	A Service Station For Printers Having Firing Nozzles Perpendicular To Direction Of Carriage Motion	09/715628	11/17/00			6561618	5/13/03
10004056	02	JP	Pending	A Service Station For Printers Having Firing Nozzles Perpendicular To Direction Of Carriage Motion	P2001-353776	11/19/01				
10004056	03	EP	Published	A Service Station For Printers Having Firing Nozzles Perpendicular To Direction Of Carriage Motion	01120813.9	8/29/01	1208993	5/29/02		
10004057	01	US	Granted	Memory Architecture For Supporting Concurrent Access Of Different Types	09/870361	5/29/01	0184437	12/5/02	6587917	7/1/03
10004057	02	JP	Pending	Memory Architecture For Supporting Concurrent Access Of Different Types	P2002-141409	5/16/02	2003-02221	1/24/03		
10004057	04	KR	Pending	Memory Architecture For Supporting Concurrent Access Of Different Types	2002-0029510	5/28/02				
10004057	05	TW	Granted	Memory Architecture For Supporting Concurrent Access Of Different Types	91103339	2/25/02	550591	9/1/03	186489	1/29/04
10004058	01	US	Granted	Embedded Memory Access Method And System For Application Specific Integrated Circuits	09/667957	5/29/01	0184452	12/5/02	6622203	9/16/03
10004058	02	JP	Pending	Embedded Memory Access Method And System For Application Specific Integrated Circuits	P2002-141410	5/16/02	2002-36643	12/20/02		
10004058	03	EP	Published	Embedded Memory Access Method And System For Application Specific Integrated Circuits	02008753.2	4/18/02	1262988	9/15/04		
10004058	04	KR	Pending	Embedded Memory Access Method And System For Application Specific Integrated Circuits	2002-0029521	5/28/02				
10004058	05	TW	Granted	Embedded Memory Access Method And System For Application Specific Integrated Circuits	91103342	2/25/02	550565	9/1/03	186490	1/29/04
10004061	01	US	Granted	Inkjet Printing System Using Single Motor For Print Media Advance And Carriage Motion	09/832583	4/11/01	0149642	10/17/02	6533387	3/18/03
10004061	02	JP	Pending	Inkjet Printing System Using Single Motor For Print Media Advance And Carriage Motion	P2002-108859	4/11/02	2003-00189	1/8/03		
10004061	03	EP	Published	Inkjet Printing System Using Single Motor For Print Media Advance And Carriage Motion	02002179.6	1/29/02	1249352	10/16/02		
10004068	01	US	Pending	System & Method For Correcting Erroneous Image Signals From Defective Photosensitive Pixels During Analog-To-Digital Conversion	09/827942	4/6/01	01456572	10/10/02		
10004068	02	JP	Pending	System & Method For Correcting Erroneous Image Signals From Defective Photosensitive Pixels During Analog-to-Digital Conversion	P2002-103188	4/5/02	2002-33035	11/15/02		
10004068	03	EP	Published	System & Method For Correcting Erroneous Image Signals From Defective Photosensitive Pixels During Analog-to-Digital Conversion	02003051.6	2/12/02	1248458	3/5/03		
10004077	01	US	Granted	Flexible Circuit With Two Stiffeners For Optical Module Packaging	09/739530	12/15/00	0105042	8/8/02	6492698	12/10/02
10004080	01	US	Granted	Precision, High Speed Delay System For Providing Delayed Clock Edges With New Delay Values Every Clock Period	09/672030	9/29/00			6373312	4/16/02
10004080	02	JP	Pending	Precision, High Speed Delay System For Providing Delayed Clock Edges With New Delay Values Every Clock Period	P2001-300745	9/28/01	2002-18277	6/26/02		

10004080	03	DE	Granted	Precision, High Speed Delay System For Providing Delayed Clock Edges With New Delay Values Every Clock Period	10147121.1	9/25/01	10147121	5/16/02	10147121	6/17/04
10004080	04	SG	Pending	Precision, High Speed Delay System For Providing Delayed Clock Edges With New Delay Values Every Clock Period	200105914-6	9/27/01				
10004080	05	DE	Granted	Precision, High Speed Delay System For Providing Delayed Clock Edges With New Delay Values Every Clock Period	10164806.5	3/27/03			10164806	3/31/05
10004081	01	US	Granted	Clock Enable Circuit For Use In A High Speed Reprogrammable Delay Line Incorporating Glitchless Enable/Disable Functionality	09/672903	9/29/00			6348828	2/19/02
10004081	02	JP	Pending	Clock Enable Circuit For Use In A High Speed Reprogrammable Delay Line Incorporating Glitchless Enable/Disable Functionality	P2001-299878	9/28/01				
10004081	03	DE	Published	Clock Enable Circuit For Use In A High Speed Reprogrammable Delay Line Incorporating Glitchless Enable/Disable Functionality	10143687.4	9/6/01	10143687	4/18/02		
10004081	04	SG	Granted	Clock Enable Circuit For Use In A High Speed Reprogrammable Delay Line Incorporating Glitchless Enable/Disable Functionality	200105913-8	9/27/01	98038	8/20/03	98038	6/30/04
10004082	01	US	Granted	Optical Systems And Refractive Index-Matching Compositions	10/010810	11/13/01	0091266	5/15/03	6890619	5/10/05
10004082	02	JP	Published	Optical Systems And Refractive Index-Matching Compositions	P2002-329122	11/13/02	2003185951	7/3/03		
10004082	03	US	Published	Optical Systems And Refractive Index-Matching Compositions	11/090551	3/25/05	0170146	8/4/05		
10004086	01	US	Granted	Passively Aligned Fiber Optical Engine For Parallel Optics Interconnect Devices	10/056099	1/22/02	0138186	7/24/03	6754406	6/22/04
10004086	02	JP	Published	Passively Aligned Fiber Optical Engine For Parallel Optics Interconnect Devices	P2003-011918	1/21/03	2003218447	7/31/03		
10004086	03	KR	Pending	Passively Aligned Fiber Optical Engine For Parallel Optics Interconnect Devices	2003-0004083	1/21/03				
10004086	04	TW	Granted	Passively Aligned Fiber Optical Engine For Parallel Optics Interconnect Devices	91120783	9/11/02	561288	11/11/03	191395	11/11/03
10004086	05	EP	Published	Passively Aligned Fiber Optical Engine For Parallel Optics Interconnect Devices	02020668.6	9/13/02	1329755	7/21/04		
10004100	01	US	Granted	Interweaved Integrated Circuit Interconnects	09/783434	2/14/01	0112220	8/15/02	6567966	5/20/03
10004100	02	JP	Pending	Interweaved Integrated Circuit Interconnects	P2002-035971	2/13/02				
10004100	03	DE	Published	Interweaved Integrated Circuit Interconnects	10205559.9	2/11/02	10205559	8/29/02		
10004109	01	US	Granted	Low-Voltage Digital ROM Circuit And Method	09/898796	7/3/01			6430078	8/6/02
10004109	02	JP	Pending	Low-Voltage Digital ROM Circuit And Method	P2002-193304	7/2/02	2003115193	4/18/03		
10004109	03	KR	Pending	Low-Voltage Digital ROM Circuit And Method	2002-0038120	7/3/02				
10004109	04	SG	Pending	Low-Voltage Digital ROM Circuit And Method	200200314-3	1/16/02				
10004128	01	US	Published	Systems And Methods For Designing And Fabricating Multi-Layer Structures Having Thermal Expansion Properties	10/118806	4/9/02	0190131	10/9/03		
10004130	01	US	Pending	Pen Wiping Method And System That Employs A Threadmill Belt	09/948343	9/5/01				
10004130	02	JP	Pending	Pen Wiping Method And System That Employs A Threadmill Belt	P2002-259143	9/4/02	2003-10379	4/9/03		
10004130	03	EP	Published	Pen Wiping Method And System That Employs A Threadmill Belt	02012510.0	6/4/02	1291182	3/12/03		
10004131	01	US	Granted	Cored Roller For Image Forming Device	09/832607	4/11/01	0151421	10/17/02	6550992	4/22/03
10004131	02	JP	Pending	Cored Roller For Image Forming Device	P2002-108860	4/11/02	2002-32673	11/12/02		
10004136	01	US	Pending	Event-Based Appointment Scheduling Adaptive To Real-Time Information	09/948164	9/5/01	0046304	3/6/03		
10004136	02	JP	Published	Event-Based Appointment Scheduling Adaptive To Real-Time Information	P2002-260330	9/5/02	2003162512	6/6/03		
10004136	03	EP	Pending	Event-Based Appointment Scheduling Adaptive To Real-Time Information	02013012.6	6/12/02	1378842			
10004142	01	US	Granted	Power Connect For A Print Carriage	10/007232	11/5/01	0085946	5/8/03	6679580	1/20/04
10004142	02	JP	Published	Power Connect For A Print Carriage	P2002-321052	11/5/02	2003170638	6/17/03		
10004142	03	EP	Published	Power Connect For A Print Carriage	02019118.5	8/29/02	1308305	5/7/03		
10004159	01	US	Granted	Fiber Optic Receiver With An Adjustable Response Preampfier	09/785051	2/15/01	0141022	10/3/02	6928249	8/9/05

10004164	01	US	Granted	Method Of Providing Differential Frequency Adjusts In A Thin Film Bulk Acoustic Resonator (FBAR) Filter And Apparatus Embodying The Method	09/799149	3/5/01	0121840	9/5/02	6483229	11/19/02
10004164	02	JP	Granted	Method Of Providing Differential Frequency Adjusts In A Thin Film Bulk Acoustic Resonator (FBAR) Filter And Apparatus Embodying The Method	P2002-057361	3/4/02			P3703437	7/29/05
10004164	03	DE	Published	Method Of Providing Differential Frequency Adjusts In A Thin Film Bulk Acoustic Resonator (FBAR) Filter And Apparatus Embodying The Method	10207328.7	2/21/02	10207328	9/26/02		
10004165	01	US	Granted	Method For Producing Thin Film Bulk Acoustic Resonators (FBAR) With Different Frequencies On The Same Substrate By Subtracting Method And Apparatus Embodying The Method	09/799205	3/5/01	0121499	9/5/02	6874211	4/5/05
10004165	02	JP	Pending	Method For Producing Thin Film Bulk Acoustic Resonators (FBAR) With Different Frequencies On The Same Substrate By Subtracting Method And	P2002-057313	3/4/02	2002-35953	12/13/02		
10004165	03	DE	Published	Method For Producing Thin Film Bulk Acoustic Resonators (FBAR) With Different Frequencies On The Same Substrate By Subtracting Method And	10207324.4	2/21/02	10207324	9/26/02		
10004166	01	US	Granted	Method Of Mass Loading Of Thin Film Bulk Acoustic Resonators (FBAR) For Creating Resonators Of Different Frequencies And Apparatus Embodying The Method	09/799204	3/5/01	0121945	9/5/02	6469597	10/22/02
10004166	02	JP	Pending	Method Of Mass Loading Of Thin Film Bulk Acoustic Resonators (FBAR) For Creating Resonators Of Different Frequencies And Apparatus Embodying If Different	P2002-057362	3/4/02				
10004166	03	DE	Published	Method Of Mass Loading Of Thin Film Bulk Acoustic Resonators (FBAR) For Creating Resonators Of Different Frequencies And Apparatus Embodying f Different	10207329.5	2/21/02	10207329	9/19/02		
10004167	01	US	Granted	Method For Making Thin Film Bulk Acoustic Resonators (FBARS) With Different Frequencies On A Single Substrate And Apparatus Embodying The Method	09/799148	3/5/01	0123177	9/5/02	6617249	9/9/03
10004167	02	JP	Pending	Method For Making Thin Film Bulk Acoustic Resonators (FBARS) With Different Frequencies On A Single Substrate And Apparatus Embodying The Method.	P2002-057312	3/4/02				
10004167	03	DE	Published	Method For Making Thin Film Bulk Acoustic Resonators (FBARS) With Different Frequencies On A Single Substrate And Apparatus Embodying The Method.	10207341.4	2/21/02	10207341	9/26/02		
10004181	01	US	Granted	Method And Apparatus For Cancelling The Effects Of Noise In An Electronic Signal	09/431481	11/2/99			6654054	11/25/03
10004182	01	US	Granted	Digital Camera And Method For Communicating Digital Image And At Least One Address Image Stored In The Camera To A Remotely Located Service Provider	09/504825	2/14/00			6715003	3/30/04
10004183	01	US	Granted	Interpolation Of Edge Portion Of A Digital Image	09/615963	7/14/00			6707937	3/16/04
10004183	02	US	Pending	Interpolation Of Edge Portion Of A Digital Image	10/763608	1/23/04				
10004192	01	US	Pending	Digital imaging System And Method For Adjusting Image-capturing Parameters Using Image Comparisons	09/970611	10/3/01	0063213	4/3/03		
10004193	01	US	Granted	Hysteresis In Image Processing Algorithms	09/815019	3/22/01			6943832	9/13/05
10004193	02	JP	Pending	Hysteresis In Image Processing Algorithms	P2002-077689	3/20/02	2002-35975	12/13/02		
10004193	03	EP	Published	Hysteresis In Image Processing Algorithms	02001704.2	1/24/02	1244293	9/25/02		

10004197	01	US	Granted	Method For Burn-In Processing Of Optical Transmitter Arrays Using A Submount Substrate	09/738827	12/15/00	0076841	6/20/02	6623997	9/23/03
10004197	02	JP	Pending	Transmitter Array Burn-In Using A Submount Substrate	P2001-381638	12/14/01	2002-28065	9/27/02		
10004197	03	CN	Published	Transmitter Array Burn-In Using A Submount Substrate	01143669.7	12/17/01	1359176	7/17/02		
10004207	01	US	Published	Microelectromechanical Optical Switch Using Bendable Fibers To Direct Light Signals	10/638174	8/7/03	0031254	2/10/05		
10004208	01	US	Granted	Optical Switch With A Geometry Based On Perpendicularly-Oriented Planar Lightwave Circuit Switches	10/108159	3/26/02	0185491	10/2/03	6819821	11/16/04
10004208	02	JP	Published	Optical Switch With A Geometry Based On Perpendicularly-Oriented Planar Lightwave Circuit Switches	P2003-070307	3/14/03	2003322885	11/14/03		
10004208	03	EP	Published	Optical Switch With A Geometry Based On Perpendicularly-Oriented Planar Lightwave Circuit Switches	03002466.5	2/5/03	1348988	12/8/04		
10004209	01	US	Granted	Non-Blocking Mechanical Fiber Optic Matrix Switch	09/873127	6/1/01	0181841	12/5/02	6961486	11/1/05
10004209	02	JP	Pending	Non-Blocking Mechanical Fiber Optic Matrix Switch	P2002-160963	6/3/02	2002-36556	12/18/02		
10004210	01	US	Published	Multistage Optical Switch	10/637241	8/7/03	0031250	2/10/05		
10004210	02	JP	Published	Multistage Optical Switch	P2004-228182	8/4/04	2005057777	3/3/05		
10004210	03	EP	Published	Multistage Optical Switch	04009857.6	4/26/04	1505781	2/9/05		
10004212	01	US	Pending	An Adaptive Path Discovery Process For Routing Data Packets In A Multinode Network	09/872431	5/31/01	0181402	12/5/02		
10004212	03	JP	Pending	An Adaptive Path Discovery Process For Routing Data Packets In A Multinode Network	P2002-157737	5/30/02	2003-00862	1/10/03		
10004212	04	DE	Granted	An Adaptive Path Discovery Process For Routing Data Packets In A Multinode Network	02001798.4	1/25/02	1263173	12/4/02	60200466.7	5/12/04
10004212	05	FR	Granted	An Adaptive Path Discovery Process For Routing Data Packets In A Multinode Network	02001798.4	1/25/02	1263173	12/4/02	1263173	5/12/04
10004212	06	GB	Granted	An Adaptive Path Discovery Process For Routing Data Packets In A Multinode Network	02001798.4	1/25/02	1263173	12/4/02	1263173	5/12/04
10004214	01	US	Published	Method And System For Aligning And Maintaining Alignment Of An Optical Switch Using Sensors	10/638139	8/7/03	0031251	2/10/05		
10004215	01	US	Published	Optical Switching Fabric With An Optical To Electrical Converter In The Output Plane	10/104193	3/21/02	0179983	9/25/03		
10004216	01	US	Granted	Optical Switch With Moving Lenses	09/872120	6/1/01	0181836	12/5/02	6678436	1/13/04
10004216	02	JP	Pending	Optical Switch With Moving Lenses	P2002-159763	5/31/02	2003-07573	3/12/03		
10004217	01	US	Granted	Polarization Field Enhanced Tunnel Structures	10/071439	2/8/02	0151042	8/14/03	6878975	4/12/05
10004227	02	JP	Published	Method And System For Maintaining Active Alignment In An Optical Switch Using Dedicated Representative Directing Elements	P2004-231170	8/6/04	2005057788	3/3/05		
10004227	03	EP	Published	Method And System For Maintaining Active Alignment In An Optical Switch Using Dedicated Representative Directing Elements	004009858.4	4/26/04	1505419	2/9/05		
10004229	03	GB	Published	A VCSEL Device With Improved Modal Properties	0118163.5	7/25/01	2370688	7/3/02		
10004237	01	US	Published	All-Optical Network Distribution System	09/906991	7/16/01	0011852	7/16/03		
10004238	01	US	Published	Broadcast Network Using Multi-Fiber Cable	09/965537	9/26/01	0059158	3/27/03		
10004242	01	US	Granted	Precisely Configuring Optical Fibers And Other Optical Elements Using An Apertured Wafer Positioner	09/968378	10/1/01	0063861	4/3/03	6766085	7/20/04
10004244	01	US	Granted	Optical Switch Comprising Two Non-Coplanar Arrays Of Optical Waveguides	09/956413	9/18/01	0053741	3/20/03	6738541	5/18/04
10004244	02	JP	Published	Optical Switch Comprising Two Non-coplanar Arrays Of Optical Waveguides	P2002-266168	9/12/02	2003140207	5/14/03		
10004244	03	EP	Published	Optical Switch Comprising Two Non-Coplanar Arrays Of Optical Waveguides	02018914.8	8/23/02	1293823	10/8/03		
10004245	01	US	Granted	Optical Switch Using An Annular Array Of Optical Ports	10/195592	7/15/02	0008925	1/15/04	6807333	10/19/04
10004246	01	US	Granted	Switching Using Three-Dimensional Rewritable Waveguide In Photosensitive Media	10/060512	1/29/02	0142898	7/31/03	6785439	8/31/04
10004246	02	JP	Published	Switching Using Three-Dimensional Rewritable Waveguide In Photosensitive Media	P2003-019767	1/29/03	2003232945	8/22/03		
10004247	01	US	Granted	Semiconductor-Based Optical Switch Architecture	10/337638	1/7/03	0131305	7/8/04	6956985	10/18/05
10004247	02	JP	Published	Semiconductor-Based Optical Switch Architecture	P2004-001731	1/7/04	2004213024	7/29/04		
10004248	01	US	Granted	Optical Switch Incorporating Stepped Faceted Mirrors	09/755526	1/5/01	0076574	4/24/03	6580849	6/17/03

10004248	02	EP	Published	Optical Switch Incorporating Stepped Faceted Mirrors	01122295.7	9/18/01	1233292	11/5/03		
10004248	03	JP	Pending	Optical Switch Incorporating Stepped Faceted Mirrors	P2001-396028	12/27/01	2002-25087	9/6/02		
10004248	04	US	Granted	Optical Switch Incorporating Stepped Faceted Mirrors	10/418669	4/18/03	0210852	11/13/03	6842557	1/11/05
10004249	01	US	Granted	Tunable Fabry-Perot Cavity Filter And Method For Making And Using The Filter	09/916920	7/26/01	0020865	1/30/03	6714305	3/30/04
10004249	02	JP	Published	Tunable Fabry-Perot Cavity Filter And Method For Making And Using Filter	P2002-215041	7/24/02	2003140107	5/14/03		
10004249	03	EP	Published	Tunable Fabry-Perot Cavity Filter And Method For Making And Using Filter	02013509.1	6/17/02	1279998	3/17/04		
10004253	01	US	Pending	Communication Network Based On Topographic Network Devices	09/915656	7/25/01	0021273	1/30/03		
10004254	01	US	Granted	Optical Switch With Reduced Beam Divergence	10/339922	1/10/03			6912335	6/28/05
10004254	02	JP	Published	Optical Switch With Reduced Beam Divergence	P2003-429212	12/25/03	2004220013	8/5/04		
10004255	01	US	Granted	Closed Loop Alignment System For Fiber Optic Cross-Connect Switches	10/409271	4/7/03			6934438	8/23/05
10004255	02	JP	Published	Closed Loop Alignment System For Fiber Optic Cross-Connect Switches	P2004-111284	4/5/04	2004310104	11/4/04		
10004255	03	EP	Published	Closed Loop Alignment System For Fiber Optic Cross-Connect Switches	03026122.6	11/13/03	1467231	12/29/04		
10004263	01	US	Pending	Spectral Dispersion Compensation In Optical Code Division Multiple Access (OCDMA) Communication	10/087152	3/1/02				
10004264	01	US	Granted	Optical Module With Alignment Waveguide	10/246308	9/18/02	0052464	3/18/04	6853778	2/8/05
10004265	01	US	Granted	Optical Fiber Splicing Using Surface Tension	10/156215	5/28/02	0223710	12/4/03	6811328	11/2/04
10004268	01	US	Published	Optical Communications Network	10/691760	10/23/03	0089330	4/28/05		
10004269	01	US	Published	Optical Alignment Of Optical Waveguides	10/628171	7/28/03	0025428	2/3/05		
10004284	01	US	Published	Communication System Using Wavelength Spread-Spectrum Coding	10/733675	12/11/03	0129094	6/16/05		
10004287	01	US	Published	Optical Communication System And Method Using Spread-Spectrum Encoding	10/626446	7/24/03	0019040	1/27/05		
10004290	01	US	Published	Tunable Optical Filter Based On A Physically-Deformable Diffractive Element	10/146543	5/14/02	0215183	11/20/03		
10004290	02	JP	Published	Tunable Optical Filter Based On A Physically-Deformable Diffractive Element	P2003-132493	5/12/03	2004004832	1/8/04		
10004290	04	DE	Granted	Tunable Optical Filter Based On A Physically-Deformable Diffractive Element	03001966.5	1/30/03	1365279	12/3/03	1365279	11/30/05
10004290	05	FR	Granted	Tunable Optical Filter Based On A Physically-Deformable Diffractive Element	03001966.5	1/30/03	1365279	12/3/03	1365279	11/30/05
10004290	06	GB	Granted	Tunable Optical Filter Based On A Physically-Deformable Diffractive Element	03001966.5	1/30/03	1365279	12/3/03	1365279	11/30/05
10004291	01	US	Published	Optical-Controlled Optical Network And Switching Node Therefor	10/838504	5/3/04	0244156	11/3/05		
10004294	01	US	Pending	Multi-Channel Optical Transmitter Incorporating A Tunable Optical Signal Source And Method For Transmitting A Multi-Channel Optical Signal	10/122086	4/11/02				
10004295	01	US	Pending	Optical Multiplexer/Demultiplexer With Regions Of Altered Refractive Index	10/347069	1/17/03				
10004300	01	US	Granted	Optical Turn For Monitoring Light From A Laser	10/021617	10/30/01	0081645	5/1/03	6636540	10/21/03
10004302	01	US	Granted	Thin Film Bulk Acoustic Resonator (FBAR) And Inductor On A Monolithic Substrate And Method Of Fabricating The Same	09/906581	7/13/01	0009863	1/16/03	6710681	3/23/04
10004303	01	US	Granted	Method Improved Method Of Fabricating Thin Film Bulk Acoustic Resonator (fbar) And FBAR Structure Embodying The Method	09/798496	3/1/01	0121405	9/5/02	6714102	3/30/04
10004303	02	JP	Pending	Improved Method Of Fabricating Thin Film Bulk Acoustic Resonator (FBAR) And FBAR Structure Embodying The Method	P2002-052627	2/28/02				
10004303	03	CN	Published	Improved Method Of Fabricating Thin Film Bulk Acoustic Resonator (FBAR) And FBAR Structure Embodying The Method	01142499.0	11/30/01	1373556	10/9/02		
10004303	04	DE	Published	Improved Method Of Fabricating Thin Film Bulk Acoustic Resonator (FBAR) And FBAR Structure Embodying The Method	10205764.8	2/12/02	10205764	9/26/02		
10004303	05	TW	Granted	Improved Method Of Fabricating Thin Film Bulk Acoustic Resonator (FBAR) And FBAR Structure Embodying The Method	90127182	11/1/01	514621	12/21/03	169156	4/25/03
10004307	02	US	Granted	Heat Sink Device Manufacture	10/060796	1/30/02	0162647	11/7/02	6769175	8/3/04
10004312	01	US	Granted	Balanced Programmable Delay Element	10/266968	10/7/02	0066223	4/8/04	6859082	2/22/05

10004312	02	JP	Published	Balanced Programmable Delay Element	P2003-347830	10/7/03	2004135333	4/30/04		
10004312	03	EP	Pending	Balanced Programmable Delay Element	03012818.5	6/5/03				
10004312	04	TW	Published	Balanced Programmable Delay Element	92113462	5/19/03	200406091	4/16/04		
10004324	01	US	Granted	Interconnecting Optical Components With Passive Alignment	10/093128	3/7/02	0169976	9/11/03	6764227	7/20/04
10004324	03	GB	Granted	Interconnecting Optical Components With Passive Alignment	0303744.7	2/18/03	2386204	9/10/03	2386204	9/7/05
10004327	01	US	Granted	Semiconductor Structure And Method For Transmitting Optical Signals Using Externally Supplied Light Beam	10/136977	4/30/02	0201444	10/30/03	6757095	6/29/04
10004329	01	US	Published	Optical Interconnect System And Method Of Communications Over An Optical Backplane	10/652919	8/28/03	0047795	3/3/05		
10004329	02	JP	Published	Optical Interconnect System And Method Of Communications Over An Optical Backplane	P2004-243637	8/24/04	2005080292	3/24/05		
10004329	03	EP	Published	Optical Interconnect System And Method Of Communications Over An Optical Backplane	04011440.7	5/13/04	1510842	3/2/05		
10004329	04	SG	Pending	Optical Interconnect System And Method Of Communications Over An Optical Backplane	200404692-6	8/20/04				
10004330	01	US	Published	Highly Parallel Optical Communication System With Intracard And Inter-card Communications	10/252145	9/19/02	0213503	10/28/04		
10004331	01	US	Pending	Optical Signal Multiplexer/Demultiplexer Employing Pseudorandom Mode Modulation	10/087386	3/1/02				
10004331	02	JP	Published	Method Of Optical Mux-Demux Utilizing Mode Modulation Via A PRBS Sequence	P2003-049178	2/26/03	2003273807	9/26/03		
10004331	03	EP	Published	Method Of Optical Mux-Demux Utilizing Mode Modulation Via A PRBS Sequence	02023243.5	10/16/02	1341323	9/28/05		
10004332	01	US	Granted	Light Emission Methods And Light Emission Devices	10/011503	11/6/01	0086450	5/8/03	6804271	10/12/04
10004332	02	JP	Published	Light Emission Methods And Light Emission Devices	P2002-317010	10/31/02	2003158338	5/30/03		
10004333	01	US	Pending	Methods Of Optical Communication And Optical Communication Systems	09/961119	9/20/01	0053180	3/20/03		
10004334	01	US	Pending	Optical Communication Devices And Optical Communication Methods	09/999758	10/23/01	0076566	4/24/03		
10004335	01	US	Pending	Frequency Modulated Vertical-Cavity Laser	10/368177	2/15/03				
10004335	02	JP	Published	Frequency Modulated Vertical Cavity Laser	P2004-033094	2/10/04	2004247730	9/2/04		
10004336	01	US	Published	Controlled Optical Splitter Using A Diffractive Optical Element And Optical Demultiplexer Incorporating Same	10/269782	10/10/02	0071466	4/15/04		
10004338	01	US	Pending	Method And Apparatus For Optical Transmission Of Wavelength-Encoded Modulation Formats	10/159493	5/31/02				
10004341	01	US	Published	Combined Optical And Electrical Transmission Line	10/146512	5/14/02	0215197	11/20/03		
10004341	02	JP	Published	Combined Optical And Electrical Transmission Line	P2003-132511	5/12/03	2003344729	12/3/03		
10004341	03	EP	Published	Combined Optical And Electrical Transmission Line	03001973.1	1/13/03	1363294	2/18/04		
10004342	01	US	Granted	Optical Fiber Tap Capable Of Random Placement Along An Optical Fiber	10/133818	4/24/02	0202747	10/30/03	6754417	6/22/04
10004342	02	JP	Published	Optical Fiber Tap Capable Of Random Placement Along An Optical Fiber	P2003-116622	4/22/03	2003322750	11/14/03		
10004342	03	EP	Published	Optical Fiber Tap Capable Of Random Placement Along An Optical Fiber	02023495.1	10/21/02	1357407	2/2/05		
10004344	01	US	Pending	Component Characteristic Tolerant And Component Alignment Tolerant Optical Receiver	09/792150	2/22/01	0114049	8/22/02		
10004344	03	JP	Pending	Component Characteristic Tolerant And Component Alignment Tolerant Optical Receiver	P2002-041755	2/19/02	2002-26789	9/18/02		
10004345	01	US	Granted	Producing Modulated Light Beams Using Integrated Packages	10/103925	3/22/02	0178553	9/25/03	6894273	5/17/05
10004345	02	JP	Published	Producing Modulated Light Beams Using Integrated Packages	P2003-074062	3/18/03	2003302611	10/24/03		
10004345	03	EP	Published	Producing Modulated Light Beams Using Integrated Packages	02024659.1	11/5/02	1347322	6/30/04		
10004346	01	US	Granted	Producing Modulated Light Using Electron Emitters	10/104099	3/22/02			6590692	7/8/03
10004346	02	JP	Published	Producing Modulated Light Using Electron Emitters	P2003-074063	3/18/03	2003287726	10/10/03		
10004346	03	EP	Published	Producing Modulated Light Using Electron Emitters	02024735.9	11/6/02	1347547	6/1/05		
10004348	01	US	Published	Optical Transceiver Systems And Methods	10/133826	4/26/02	0213516	10/28/04		

10004348	02	JP	Published	Optical Transceiver Systems And Methods	P2003-118125	4/23/03	2003332994	11/21/03		
10004348	03	EP	Published	Optical Transceiver Systems And Methods	02023494.4	10/21/02	1357684	4/6/05		
10004349	01	US	Published	Optical Chip Coupling System Utilizing Micromachine Adjustable Optical Elements And A Feedback Circuit Providing The Micromachine With A Feedback Signal Correlated To An Optical Signal Parameter	10/245632	9/16/02	0051028	3/18/04		
10004352	01	US	Published	Transmitter Array With Pixel Element That Has Primary Semiconductor Laser And At Least One Secondary Semiconductor Laser	10/317480	12/11/02	0114655	6/17/04		
10004352	02	JP	Published	Transmitter Array With Pixel Element That Has Primary Semiconductor Laser And At Least One Secondary Semiconductor Laser	P2003-408651	12/8/03	2004193610	7/8/04		
10004353	01	US	Pending	Structure And Apparatus For A Very Short Haul Free Space And Fiber Optic Interconnect And Data Link	10/080944	2/22/02				
10004353	02	EP	Published	Structure And Apparatus For A Very Short Haul, Free Space, And Fiber Optic Interconnect And Data Link	02022781.5	10/11/02	1345340	11/17/04		
10004354	01	US	Published	Optical Communication Devices And Optical Communication Methods	10/177053	6/21/02	0235415	12/25/03		
10004355	01	US	Published	Self-Aligning Optical Interconnect Utilizing Conformal Materials	10/101824	3/19/02	0180002	9/25/03		
10004357	01	US	Granted	System And Methods For Removing Heat From Opto-Electronic Components	10/156445	5/28/02	0223697	12/4/03	6807345	10/19/04
10004357	02	JP	Unfiled	Systems And Method For Removing Heat From Opto-Electronic Components						
10004357	03	EP	Published	Systems And Methods For Removing Heat From Opto-Electronic Components	03002325.3	2/3/03	1367640	3/31/04		
10004358	01	US	Published	Optical Via To Pass Signals Through A Printed Circuit Board	10/365127	2/11/03	0156576	8/12/04		
10004358	02	EP	Published	Optical VIA To Pass Signals Through Printed Circuit Board	03021693.1	9/29/03	1447694	8/18/04		
10004359	01	US	Granted	Programmable Optical Cross Connector Using An Array Of Intersecting Waveguides	10/027581	10/19/01	0077024	4/24/03	6614952	9/2/03
10004360	01	US	Granted	Cooling Of Optoelectronic Elements	10/127290	4/22/02	0197266	10/23/03	6713866	3/30/04
10004360	02	US	Granted	Cooling Of Optoelectronic Elements	10/754004	1/8/04			6780678	8/24/04
10004361	01	US	Granted	Cooling Of Substrate-Supported Heat-Generating Components	10/124300	4/17/02			6591625	7/15/03
10004362	01	US	Granted	Tri-State Optical Systems And Methods	10/184584	6/27/02	0202748	10/30/03	6956996	10/18/05
10004363	01	US	Pending	Method And Apparatus To Enable Adaptive Equalization At High Bandwidth When Using Single-Mode VCSELS Over Multimode Fibers	10/394840	3/21/03				
10004363	02	EP	Pending	Method And Apparatus To Enable Adaptive Equalization At High Bandwidths When Using Single-Mode Vcsels Over Multimode Fibers	03025304.1	11/3/03	1460785			
10004364	01	US	Granted	Systems And Methods For Altering The Propagation Of Optical Signals Within Optical Media	10/176864	6/20/02	0234972	12/25/03	6791732	9/14/04
10004364	02	JP	Published	Systems And Methods For Altering The Propagation Of Optical Signals Within Optical Media	P2003-173530	6/18/03	2004029810	1/29/04		
10004364	04	DE	Granted	Systems And Methods For Altering The Propagation Of Optical Signals Within Optical Media	03006076.8	3/19/03	1376169	1/2/04	1376169	8/17/05
10004364	05	FR	Granted	Systems And Methods For Altering The Propagation Of Optical Signals Within Optical Media	03006076.8	3/19/03	1376169	1/2/04	1376169	8/17/05
10004364	06	GB	Granted	Systems And Methods For Altering The Propagation Of Optical Signals Within Optical Media	03006076.8	3/19/03	1376169	1/2/04	1376169	8/17/05
10004365	01	US	Published	Wavelength Division Multiplexing Receiver For Wavelength Tracking	10/223780	8/19/02	0208582	10/21/04		
10004380	01	US	Pending	Method For Reducing Coherent Row-Wise And Column-Wise Fixed Pattern Noise In CMOS Image Sensors	09/956722	9/20/01	0052982	3/20/03		
10004380	02	JP	Published	Method For Reducing Coherent Row-Wise And Column-Wise Fixed Pattern Noise In CMOS Image Sensors	P2002-269618	9/17/02	2003163844	6/6/03		

10004380	03	DE	Published	Method For Reducing Coherent Row-Wise And Column-Wise Fixed Pattern Noise In CMOS Image Sensors	10239889.5	8/29/02	10239889	4/24/03		
10004380	04	TW	Granted	Method For Reducing Coherent Row-Wise And Column-Wise Fixed Pattern Noise In CMOS Image Sensors	91111544	5/30/02	563349	11/21/03	191360	11/21/03
10004381	01	US	Granted	Chassis Having Reduced Acoustic Noise And Electromagnetic Emissions And Method Of Cooling Components Within A Chassis	09/841458	4/24/01	0154481	10/24/02	6459578	10/1/02
10004381	02	CN	Published	Chassis Having Reduced Acoustic Noise And Electromagnetic Emissions And Method Of Cooling Components Within A Chassis	01133850.4	12/24/01	1383356	12/4/02		
10004381	03	SG	Published	Chassis Having Reduced Acoustic Noise And Electromagnetic Emissions And Method Of Cooling Components Within A Chassis	200202351-3	4/19/02	103343	4/29/04		
10004381	04	TW	Granted	Chassis Having Reduced Acoustic Noise And Electromagnetic Emissions	90126291	10/24/01	526703	4/1/03	175749	8/7/03
10004382	02	TW	Granted	Counter Flow Two Pass Active Heat Sink With Heat Spreader	91101904	2/4/02	530148	5/1/03	177796	9/5/03
10004386	01	US	Granted	Three-Dimensional Photonic Crystal Waveguide Apparatus	09/893380	6/27/01	0002846	1/2/03	6690876	2/10/04
10004386	02	JP	Pending	Three-Dimensional Photonic Crystal Waveguide Apparatus	P2002-179460	6/20/02	2003-04327	2/13/03		
10004400	01	US	Published	Embedded Testing Capability For Integrated Serializer/Deserializers	10/068326	2/6/02	0149922	8/7/03		
10004405	01	US	Granted	Bottom Antireflection Coating Color Filter Process For Fabricating Solid State Image Sensors	09/938394	8/23/01	0038293	2/27/03	6765276	7/20/04
10004405	02	JP	Published	Bottom Antireflection Coating Color Filter Process For Fabricating Solid State Image Sensors	P2002-243001	8/23/02	03-179219	6/27/03		
10004405	03	DE	Published	Bottom Antireflection Coating Color Filter Process For Fabricating Solid State Image Sensors	10230134.4	7/4/02	10230134	3/27/03		
10004405	04	GB	Granted	Bottom Antireflection Coating Color Filter Process For Fabricating Solid State Image Sensors	0216551.2	7/16/02	2382221	5/21/03	2382221	7/27/05
10004405	06	US	Granted	Bottom Antireflection Coating Color Filter Process For Fabricating Solid State Image Sensors	10/608644	6/27/03	0002178	1/1/04	6967073	11/22/05
10004414	01	US	Granted	A Low Noise Biasing Technique	10/010359	11/13/01			6452370	9/17/02
10004414	02	JP	Published	A Low Noise Biasing Technique	P2002-306114	10/21/02	2003152473	5/23/03		
10004414	03	EP	Published	A Low Noise Biasing Technique	02019119.3	8/29/02	1315287	8/18/04		
10004419	01	US	Granted	A Socketable Flexible Circuit Based Electronic Device Module And A Socket For The Same	09/919562	7/27/01			6435882	8/20/02
10004419	02	JP	Published	A Socketable Flexible Circuit Based Electronic Device Module And A Socket For The Same	P2002-219387	7/29/02	2003133021	5/9/03		
10004419	03	TW	Granted	A Socketable Flexible Circuit Based Electronic Device Module And A Socket For The Same	91103451	2/26/02	530437	5/1/03	177672	9/4/03
10004419	04	EP	Pending	A Socketable Flexible Circuit Based Electronic Device Module And A Socket For The Same	02013011.8	6/12/02	1280240	1/29/03		
10004422	01	US	Granted	Voltage Regulator With Electrostatic Discharge Shunt	09/819293	3/27/01	0171984	11/21/02	6678130	1/13/04
10004440	01	US	Published	Flow For Vector Capture	10/020562	12/13/01	0115033	6/19/03		
10004440	02	JP	Published	Flow For Vector Capture	P2002-354822	12/6/02	2003279628	10/2/03		
10004440	05	TW	Granted	Method Of Driving The Simulation Testing Of A Design Of An IC & Method Of And Test Vector Generator For Generating A Synchronous Sequence Of Test Vectors	91119454	8/27/02			1 230347	4/1/05
10004443	01	US	Pending	Coherent Equalization Of Optical Signals	10/202553	7/23/02				
10010006	01	US	Granted	Scan Multiplexing For Increasing The Effective Scan Data Exchange Rate	10/007825	11/9/01	0093731	5/15/03	6865704	3/8/05
10010006	02	JP	Published	Scan Multiplication	P2002-317430	10/31/02	2003194883	7/9/03		
10010006	03	GB	Granted	Scan Multiplication	0224890.4	10/25/02	2386693	9/24/03	2386693	7/20/05
10010006	04	DE	Published	Scan Multiplication	10251881.5	11/7/02	10251881	6/18/03		
10010013	01	US	Granted	Open Collector/Drain And SSTL Compliant Output Driver Circuit And Method For Operating The Circuit	10/055087	1/22/02			6580290	6/17/03
10010013	02	JP	Published	Open Collector/Drain And SSTL Compliant Output Driver Circuit And Method For Operating The Circuit	P2003-007093	1/15/03	2003218686	7/31/03		
10010013	04	GB	Granted	Open Collector/Drain And SSTL Compliant Output Driver Circuit And Method For Operating The Circuit	0301019.6	1/16/03	2390496	1/7/04	2390496	7/6/05
10010032	01	US	Published	Equalization Of Optical Signals	10/007531	10/26/01	0081291	5/1/03		

10010032	02	JP	Published	Equalization Of Optical Signals	P2002-293604	10/7/02	2003188823	7/4/03		
10010032	03	EP	Published	Equalization Of Optical Signals	02020312.1	9/11/02	1309114	4/7/04		
10010038	01	US	Pending	Portable Electronic Device With Mouse-Like Capabilities	09/811001	3/16/01	0130835	9/19/02		
10010038	02	JP	Pending	Portable Electronic Device With Mouse-Like Capabilities	P2002-074127	3/18/02	2002-35160	12/6/02		
10010038	03	KR	Pending	Portable Electronic Device With Mouse-Like Capabilities	2002-0014035	3/15/02				
10010038	04	EP	Pending	Portable Electronic Device With Mouse-Like Capabilities	02002379.2	1/31/02	1241616	9/18/02		
10010039	01	US	Pending	Business Model For Virtual Vertically Integrated Network-Based Business Having Information, Product, And Financial Flows	09/750833	12/29/00	0087336	7/4/02		
10010046	01	US	Granted	Piezoelectrically-Driven, Liquid-Actuated Optical Cross-Bar Switch	10/036883	10/24/01	0077023	4/24/03	6757459	6/29/04
10010054	01	US	Granted	Compact Optical Splitter And Combiner	09/918412	7/30/01			6501886	12/31/02
10010054	02	JP	Pending	Compact Optical Splitter And Combiner	P2002-219268	7/29/02	2003-05747	2/26/03		
10010066	01	US	Granted	High Speed Signal Window Detection	09/734795	12/11/00	0070767	6/13/02	6556050	4/29/03
10010066	02	JP	Pending	High Speed Signal Window Detection	P2001-375795	12/10/01				
10010066	04	GB	Granted	High Speed Signal Window Detection	0125650.2	10/25/01	2371430	7/24/02	2371430	4/7/04
10010094	01	US	Granted	Variable Delay CMOS Circuit With PVT Control	09/796306	2/28/01	0118056	8/29/02	6522185	2/18/03
10010095	01	US	Granted	Circuit And Method For Compensation Of High-Frequency Signal Loss On A Transmission Line	09/795834	2/27/01	0118042	8/29/02	6759868	7/6/04
10010095	02	JP	Pending	Circuit And Method For Compensation Of High-Frequency Signal Loss On A Transmission Line	P2002-030566	2/7/02				
10010095	03	DE	Published	Circuit And Method For Compensation Of High-Frequency Signal Loss On A Transmission Line	10201890.1	1/18/02	10201890	9/19/02		
10010103	01	US	Granted	Buried Channel In A Substrate And Method Of Making Same	09/892920	6/26/01	0197802	12/26/02	6583044	6/24/03
10010103	02	EP	Published	Buried Channel In A Substrate And Method Of Making Same	02003991.3	2/22/02	1270503	3/17/03		
10010105	01	US	Granted	Pushbutton Optical Screen Pointing Device	09/855013	5/14/01	016749	11/14/02	6809723	10/26/04
10010105	02	JP	Pending	Pushbutton Optical Screen Pointing Device	P2002-137520	5/13/02	2003-00590	1/10/03		
10010105	03	DE	Published	Pushbutton Optical Screen Pointing Device	10221415.8	5/14/02	10221415	11/28/02		
10010105	04	GB	Granted	Pushbutton Optical Screen Pointing Device	0206828.6	3/22/02	2375585	11/20/02	2375585	4/20/05
10010106	01	US	Pending	Scrolling Method Using Screen Pointing Device	09/812754	3/20/01	0135602	9/26/02		
10010109	01	US	Granted	Integrated-Optic Out-Coupler Device And A Method For Making And Using The Same	09/970344	10/3/01	0063856	4/3/03	6567589	5/20/03
10010110	01	US	Granted	Integrated-Optic Device And A Method For Attenuating Light Or Equalizing Light Using An Integrated-Optic Device	09/970343	10/3/01	0063831	4/3/03	6885791	4/26/05
10010114	01	US	Granted	Rare Earth Doped Medium With Photorefractive Grating As Compact Tunable Laser Source	10/097690	3/12/02	0174742	9/18/03	6744791	6/1/04
10010118	01	US	Granted	Planar Optical Waveguide With Alignment Structure	09/949395	9/7/01	0048994	3/13/03	6744953	6/1/04
10010122	01	US	Granted	Sense Amplifier With Independent Write-Back Capability For Ferroelectric Random-Access Memories	09/991571	11/16/01	0095456	5/22/03	6563753	5/13/03
10010122	02	JP	Published	Sense Amplifier With Independent Write-Back Capability For Ferroelectric Random-Access Memories	P2002-332580	11/15/02	2003168289	6/13/03		
10010122	03	DE	Granted	Sense Amplifier With Independent Write-Back Capability For Ferroelectric Random-Access Memories	10246738.2	10/7/02	10246738	6/5/03	10246738	12/12/03
10010122	04	KR	Pending	Sense Amplifier With Independent Write-Back Capability For Ferroelectric Random-Access Memories	202-0070981	11/15/02				
10010122	05	DE	Pending	Sense Amplifier With Independent Write-Back Capability For Ferroelectric Random-Access Memories	10247025.1	9/6/04				
10010127	01	US	Granted	Serdes Cooperates With The Boundary Scan Test Technique	10/266283	10/8/02			6653957	11/25/03
10010127	02	JP	Published	Serdes Cooperates With The Boundary Scan Test Technique	P2003-349383	10/8/03	2004135337	4/30/04		
10010127	03	DE	Published	Serdes Cooperates With The Boundary Scan Test Technique	10331860.7	7/14/03	10331860	4/22/04		
10010127	04	GB	Published	Serdes Cooperates With The Boundary Scan Test Technique	0321215.6	9/10/03	2394064	4/14/04		
10010156	01	US	Pending	Optical Retiming Of An Optical Data Signal	10/035528	10/23/01	0076563	4/24/03		

10010157	01	US	Granted	Digital Color Image Sensor With Elevated Two-Color Photo-Detector And Related Circuitry	10/043810	1/10/02			6566723	5/20/03
10010160	01	US	Granted	Stub-Tuned Photonic Crystal Waveguide	09/846856	4/30/01	0159733	10/31/02	6687447	2/3/04
10010160	02	EP	Published	Stub-Tuned Photonic Crystal Waveguide	02002176.2	1/29/02	1255136	2/26/03		
10010160	03	JP	Pending	Stub-Tuned Photonic Crystal Waveguide	P2002-116966	4/19/02	2002-36559	12/18/02		
10010167	01	US	Granted	Method And Apparatus For Aligning Guide Pins With A Connector Guide	09/955824	9/18/01			6616341	9/9/03
10010184	01	US	Pending	Optical Demultiplexing Device With Optical To Electrical Conversion	09/962635	9/25/01	0058498	3/27/03		
10010184	02	JP	Published	Optical Demultiplexing Device With Optical To Electrical Conversion	P2002-278697	9/25/02	2003139987	5/14/03		
10010185	01	US	Published	Interleaver-Based Multiplexer & Demultiplexer	10/206450	7/26/02	0018019	1/29/04		
10010185	02	JP	Published	Interleaver-Based Multiplexer & Demultiplexer	P2003-273494	7/11/03	2004064781	2/26/04		
10010185	03	EP	Pending	Interleaver-Based Multiplexer & Demultiplexer	03004843.3	3/5/03	1385288			
10010187	01	US	Granted	Avalanche Photo Diode Array Biasing Device And Avalanche Photodiode Structure	09/885906	6/20/01	0195545	12/26/02	6858829	2/22/05
10010187	02	JP	Pending	Avalanche Photo Diode Array Biasing Device And Avalanche Photodiode Structure	P2002-151870	5/27/02	2003-03728	2/7/03		
10010189	01	US	Pending	Impedance Sensing Screen Pointing Device	09/812252	3/19/01	0130273	9/19/02		
10010197	01	US	Granted	Optical Systems Incorporating Waveguides And Methods Of Manufacture	09/912832	7/24/01	0021569	1/30/03	6751391	6/15/04
10010197	02	US	Pending	Optical Systems Incorporating Waveguides And Methods Of Manufacture	10/835827	4/30/04				
10010198	04	TW	Pending	Cooling Fan	90132604	12/27/01				
10010203	01	US	Granted	A System And Method For Processing Demosaiced Images To Reduce Color Aliasing Artifacts	09/885389	6/19/01	0191854	12/19/02	6819801	11/16/04
10010203	03	JP	Pending	A System And Method For Processing Demosaiced Images To Reduce Color Aliasing Artifacts	P2002-171114	6/12/02	2003-04678	2/14/03		
10010203	04	DE	Granted	A System And Method For Processing Demosaiced Images To Reduce Color Aliasing Artifacts	02003566.3	2/15/02	1271928	4/21/04	1271928	4/27/05
10010203	05	FR	Granted	A System And Method For Processing Demosaiced Images To Reduce Color Aliasing Artifacts	02003566.3	2/15/02	1271928	4/21/04	1271928	4/27/05
10010203	06	GB	Granted	A System And Method For Processing Demosaiced Images To Reduce Color Aliasing Artifacts	02003566.3	2/15/02	1271928	4/21/04	1271928	4/27/05
10010206	01	US	Granted	Improved Resonator With Seed Layer	10/209624	7/30/02	0021400	2/5/04	6828713	12/7/04
10010206	02	JP	Published	Improved Resonator With Seed Layer	P2003-278833	7/24/03	2004064786	2/26/04		
10010206	03	DE	Published	Improved Resonator With Seed Layer	10320707.4	5/8/03	10320707	2/26/04		
10010206	04	CN	Published	Improved Resonator With Seed Layer	03109418.X	4/9/03	CN1472884 A	2/4/04		
10010207	01	US	Granted	Two-Dimensional Photonic Crystal Slab Waveguide	09/846748	4/30/01	0159126	10/31/02	6560006	5/6/03
10010207	04	DE	Granted	Two-Dimensional Photonic Crystal Slab Waveguide	02002094.7	2/12/02	1255135	2/26/03	60200849.2	8/4/04
10010207	05	FR	Granted	Two-Dimensional Photonic Crystal Slab Waveguide	02002094.7	2/12/02	1255135	2/26/03	1255135	8/4/04
10010207	06	GB	Granted	Two-Dimensional Photonic Crystal Slab Waveguide	02002094.7	2/12/02	1255135	2/26/03	1255135	8/4/04
10010211	01	US	Granted	Optical Screen Pointing Device With Inertia Properties	09/810745	3/16/01			6621483	9/16/03
10010211	02	JP	Pending	Optical Screen Pointing Device With Inertia Properties	P2002-074128	3/18/02	2002-27869	9/27/02		
10010211	03	DE	Published	Optical Screen Pointing Device With Inertia Properties	10211340.8	3/14/02	10211340	10/2/02		
10010211	04	GB	Granted	Optical Screen Pointing Device With Inertia Properties	0201893.5	1/28/02	2374409	10/16/02	2374409	2/2/05
10010213	01	US	Granted	Photodetector Circuit With Voltage Output	09/811125	3/16/01	0038230	2/27/03	6593560	7/15/03
10010214	03	KR	Pending	An Optical Mouse Having An Integrated Processor	2002-0016614	3/27/02				
10010215	01	US	Pending	Sequential Read-Out Method And System That Employs A Single Amplifier For Multiple Columns	09/981957	10/16/01	0071195	4/17/03		

10010215	02	JP	Published	Sequential Read-Out Method And System That Employs A Single Amplifier For Multiple Columns	P2002-297742	10/10/02	2003228457	8/15/03		
10010215	03	KR	Pending	Sequential Read-Out Method And System That Employs A Single Amplifier For Multiple Columns	2002-0063092	10/16/02				
10010215	04	EP	Published	Sequential Read-Out Method And System That Employs A Single Amplifier For Multiple Columns	02013937.4	6/24/02	1303134	4/16/03		
10010233	01	JP	Pending	A Dvices For Storing An Optical Signal	P2001-185900	6/20/01	2003-01517	1/15/03		
10010233	02	US	Granted	An Optical Signal Storage	10/173060	6/17/02	0007230	1/9/03	6819817	11/16/04
10010236	01	JP	Pending	Columnar Integrated Circuit And Method For Making The Same	P2001-258633	8/28/01	2003-07566	3/12/03		
10010236	02	US	Granted	Columnar Optical Device And Method For Manufacturing The Same	10/219968	8/14/02	0044103	3/6/03	6873753	3/29/05
10010258	01	US	Granted	Image Filters And Source Of Illumination For Optical Navigation Upon Arbitrary Surfaces Are Selected According To Analysis Of Correlation During Navigation	09/845544	4/30/01	0179823	12/5/02	6603111	8/5/03
10010256	03	JP	Pending	Image Filters And Source Of Illumination For Optical Navigation Upon Arbitrary Surfaces Are Selected According To Analysis Of Correlation During Navigation	P2002-120990	4/23/02				
10010258	04	KR	Pending	Image Filters And Source Of Illumination For Optical Navigation Upon Arbitrary Surfaces Are Selected According To Analysis Of Correlation During Navigation	2002-0023462	4/29/02				
10010258	05	US	Granted	Image Filters And Source Of Illumination For Optical Navigation Upon Arbitrary Surfaces Are Selected According To Analysis Of Correlation During Navigation	10/453391	6/3/03	0205666	11/6/03	6737636	5/18/04
10010258	06	DE	Granted	Image Filters And Source Of Illumination For Optical Navigation Upon Arbitrary Surfaces Are Selected According To Analysis Of Correlation During Navigation	02252696.6	4/16/02	1255219	11/6/02	1255219	12/10/03
10010256	07	FR	Granted	Image Filters And Source Of Illumination For Optical Navigation Upon Arbitrary Surfaces Are Selected According To Analysis Of Correlation During Navigation	02252696.6	4/16/02	1255219	11/6/02	1255219	12/10/03
10010258	08	GB	Granted	Image Filters And Source Of Illumination For Optical Navigation Upon Arbitrary Surfaces Are Selected According To Analysis Of Correlation During Navigation	02252696.6	4/16/02	1255219	11/6/02	1255219	12/10/03
10010259	01	US	Granted	Simplified Interpolation For An Optical Navigation System That Correlates Images Of One Bit Resolution	09/918202	7/30/01	0021446	1/30/03	6823077	11/23/04
10010259	02	EP	Published	Simplified Interpolation For An Optical Navigation System That Correlates Images Of One Bit Resolution	02254731.9	7/5/02	1286299	7/7/04		
10010259	03	JP	Published	Simplified Interpolation For An Optical Navigation System That Correlates Images Of One Bit Resolution	P2002-215934	7/25/02	2003157145	5/30/03		
10010261	01	US	Granted	Low-power Surface For An Optical Sensor	09/865376	5/25/01	0175274	11/28/02	6774351	8/10/04
10010262	01	US	Granted	Fault Detection In A LED Bias Circuit	09/819409	3/27/01	0141125	10/3/02	6704183	3/9/04
10010264	01	US	Granted	Image Sensor With Pixel Isolation System And Manufacturing Method Therefor	10/032023	12/18/01	0111704	6/19/03	6759262	7/6/04
10010265	01	US	Granted	System And Method For Reducing Power Consumption In An Optical Screen Pointing Device	09/912190	7/24/01	0020688	1/30/03	6795056	9/21/04
10010265	02	US	Granted	System And Method For Reducing Power Consumption In An Optical Screen Pointing Device	10/689109	10/20/03	0079868	4/29/04	6797937	9/28/04
10010290	01	US	Granted	Bad Pixel Detection And Correction In An Image Sensing Device	09/895627	6/28/01	0001078	1/2/03	6737625	5/18/04
10010290	02	EP	Published	Bad Pixel Detection And Correction In An Image Sensing Device	02004892.2	3/4/02	1271933	5/28/03		
10010290	03	JP	Pending	Bad Pixel Detection And Correction In An Image Sensing Device	P2002-182265	6/24/02	2003-09270	3/28/03		

10010293	02	US	Tracking	Method Of Fabricating A Ferroelectric Memory Cell	09/702985	10/31/00			6548343	4/15/03
10010294	01	US	Tracking	METHOD OF PLANARIZING A CONDUCTIVE PLUG SITUATED UNDER A FERROELECTRIC CAPACITOR	09/741675	12/19/00			6635528	10/21/03
10010295	01	US	Published	Differential Drive Circuit And Method For Generating An A.C. Differential Drive Signal	10/000998	11/30/01	0103024	6/5/03		
10010295	02	EP	Published	Differential Drive Circuit And Method For Generating An A.c. Differential Drive Signal	02021680.0	9/27/02	1316940	7/6/05		
10010311	01	US	Granted	Methods And Apparatus For Aligning An Integrated Circuit Package With An Interface	09/915076	7/25/01	0020179	1/30/03	6724095	4/20/04
10010311	02	JP	Pending	Methods And Apparatus For Aligning An Integrated Circuit Package With An Interface	P2002-213749	7/23/02	2003-07805	3/14/03		
10010311	03	SG	Pending	Methods And Apparatus For Aligning An Integrated Circuit Package With An Interface	200200587-4	1/30/02				
10010311	04	US	Granted	Methods For Providing An Integrated Circuit Package With An Alignment Mechanism	10/698879	10/30/03	0089880	5/13/04	6872592	3/29/05
10010314	01	US	Granted	Two-Color Photo-Detector And Methods For Demosaicing A Two-Color Photo-Detector Array	10/086125	2/27/02	0160157	8/28/03	6940061	9/6/05
10010314	02	JP	Published	Two-Color Photo-Detector And Methods For Demosaicing A Two-Color Photo-Detector Array	P2003-016619	1/24/03	2003298039	10/17/03		
10010314	03	EP	Pending	Two-Color Photo-detector And Methods For Demosaicing A Two-color Photo-Detector Array	02022706.2	10/10/02	1341234			
10010314	04	EP	Unfiled	Two-Color Photo-detector And Methods For Demosaicing A Two-color Photo-Detector Array						
10010320	01	US	Granted	Wafer Bonded Vertical Cavity Surface Emitting Laser Systems	10/102294	3/20/02	0179800	9/25/03	6658041	12/2/03
10010351	01	US	Granted	Optical Pseudo Track Ball Controls The Operation Of An Appliance Or Machine	09/813624	3/21/01	0135565	9/26/02	6677929	1/13/04
10010351	02	JP	Pending	Optical Pseudo Trackball Controls The Operation Of An Appliance Or Machine	P2002-077481	3/20/02	2002-36629	12/20/02		
10010351	03	TW	Granted	Optical Pseudo Trackball Controls The Operation Of An Appliance Or Machine	90131153	12/14/01	563091	11/21/03	191313	11/21/03
10010351	04	DE	Published	Optical Pseudo Trackball Controls The Operation Of An Appliance Or Machine	10209797.6	3/6/02	10209797	10/17/02		
10010351	05	GB	Published	Optical Pseudo Trackball Controls The Operation Of An Appliance Or Machine	0203180.5	2/11/02	2373837	10/2/02		
10010352	01	US	Granted	High Efficiency Insulation For Improving Thermal Efficiency Of Bubble Optical Switch	09/846482	4/30/01	0077021	4/24/03	6560383	5/6/03
10010352	02	JP	Pending	High Efficiency Insulation For Improving Thermal Efficiency Of Bubble Optical Switch	P2002-123595	4/25/02	2003-04338	2/13/03		
10010353	01	US	Granted	Getter For Atmospheric Gases In Optical Switch Working Fluid	09/846928	4/30/01	0159676	10/31/02	6477222	11/5/02
10010353	02	JP	Pending	Getter For Atmospheric Gases In Optical Switch Working Fluid	P2002-119466	4/22/02				
10010354	01	US	Granted	Multistage Photonic Switch Fault Isolation	09/881330	6/13/01	0002775	1/2/03	6580847	6/17/03
10010354	02	JP	Pending	Multistage Photonic Switch Fault Isolation	P2002-155047	5/29/02	2003-05178	2/21/03		
10010358	01	US	Granted	Low Power Pre-Charge High ROM Array	10/075882	2/13/02			6567294	5/20/03
10010360	01	US	Granted	A Method And Apparatus For Enabling Extests To Be Performed In AC-Couples Systems	10/035654	11/1/01	0083841	5/1/03	6662134	12/9/03
10010360	02	JP	Published	A Method And Apparatus For Enabling Extests To Be Performed In AC-Couples Systems	P2002-312482	10/28/02	2003194882	7/9/03		
10010360	03	DE	Published	A Method And Apparatus For Enabling Extests To Be Performed In AC-Couples Systems	10241389.4	9/6/02	10241389	5/22/03		
10010360	04	SG	Granted	A Method And Apparatus For Enabling Extests To Be Performed In AC-Couples Systems	200203079.9	5/22/02	107102	11/29/04	107102	12/30/04
10010361	01	US	Published	Cable Storage Device Providing Continuous Adjustability With Controlled Bend Radius	09/811310	3/16/01	0131749	9/19/02		
10010361	02	JP	Pending	Cable Storage Device Providing Continuous Adjustability With Controlled Bend Radius	P2002-071504	3/15/02	2002-35064	12/4/02		
10010363	01	US	Published	Optical Device Enclosure And Method Of Fabricating	10/007494	11/13/01	0091302	5/15/03		
10010363	02	EP	Published	Optical Device, Enclosure And Method Of Fabricating	02020396.4	9/12/02	0310811	4/6/05		
10010375	01	US	Granted	Heat Sink Mounting Assembly	09/877824	6/7/01	0186540	12/12/02	6535389	3/18/03
10010391	01	US	Published	System And Method Of Recovering From Soft Memory Errors	10/044242	1/10/02	0131307	7/10/03		
10010392	01	US	Pending	Point-of-Sale Demonstration Of Computer Peripherals	09/903201	7/10/01	0011807	1/16/03		

10010393	01	US	Pending	Built-In Self-Test Using Embedded Memory And Processor In An Application Specific Integrated Circuit	09/917972	7/30/01	0023914	1/30/03		
10010393	02	JP	Pending	Built-In Self-Test Using Embedded Memory And Processor In An Application Specific Integrated Circuit	P2002-214658	7/24/02	2003-11426	4/18/03		
10010393	03	EP	Published	Built-In Self-Test Using Embedded Memory And Processor In An Application Specific Integrated Circuit	02003915.2	4/15/02	1282041	10/22/03		
10010393	04	KR	Pending	Built-In Self-Test Using Embedded Memory And Processor In An Application Specific Integrated Circuit	2002-0044561	7/29/02				
10010393	05	SG	Granted	Built-In Self-Test Using Embedded Memory And Processor In An Application Specific Integrated Circuit	200201116-1	2/28/02	0094870	3/18/03	94870	5/31/04
10010393	06	TW	Pending	Built-In Self-Test Using Embedded Memory And Processor In An Application Specific Integrated Circuit	91103450	2/26/02				
10010430	01	US	Granted	Distributed Bragg Reflector And Method Of Fabrication	10/022757	12/14/01	0112517	6/19/03	6947217	9/20/05
10010430	03	US	Published	Distributed Bragg Reflector And Method Of Fabrication	11/122555	5/4/05	0219703	10/6/05		
10010430	04	DE	Granted	Distributed Bragg Reflectors And Method For Fabrication	02021870.7	9/30/02	1320157	5/6/04	1320157	9/7/05
10010430	05	GB	Granted	Distributed Bragg Reflectors And Method For Fabrication	02021870.7	9/30/02	1320157	5/6/04	1320157	9/7/05
10010472	01	US	Granted	Integrated Filter Balun	09/944553	8/30/01	0042992	3/6/03	6803835	10/12/04
10010472	02	JP	Published	Integrated Filter Balun	P2002-254919	8/30/02	2003338723	11/28/03		
10010472	03	DE	Granted	Integrated Filter Balun	10222593.1	5/22/02	10222593	4/3/03	10222593	3/31/05
10010474	01	US	Granted	Integrated Polysilicon Fuse & Diode	10/103495	3/20/02	0179011	9/25/03	6670824	12/30/03
10010478	01	US	Granted	Apparatus And Method For The 3-dimensional Relative Movement Sensing	10/004512	10/26/01	0080282	5/1/03	6770863	8/3/04
10010478	02	JP	Published	Apparatus And Method For The 3-dimensional Relative Movement Sensing	P2002-310916	10/25/02	2003148919	5/21/03		
10010478	03	DE	Published	Apparatus And Method For The 3-dimensional Relative Movement Sensing	10241392.4	9/6/02	10241392	5/15/03		
10010478	04	GB	Granted	Apparatus And Method For The 3-dimensional Relative Movement Sensing	0223600.8	10/10/02	2385418	8/20/03	2385418	9/14/05
10010480	01	US	Pending	Apparatus And Method For Generating Multi-image Scenes With A Camera	10/011155	12/6/01				
10010482	01	US	Granted	Optoelectronic Device Using A Disabled Tunnel Junction For Current Confinement	10/040167	12/31/01	0123505	7/3/03	6839370	1/4/05
10010482	02	JP	Published	Optoelectronic Device Using A Disabled Tunnel Junction For Current Confinement	P2002-379218	12/27/02	2003218453	7/31/03		
10010482	03	DE	Published	Optoelectronic Device Using A Disabled Tunnel Junction For Current Confinement	10252574.9	11/12/02	10252574	7/10/03		
10010482	04	GB	Granted	Optoelectronic Device Using A Disabled Tunnel Junction For Current Confinement	0227354.8	11/22/02	2385986	9/3/03	2385986	10/12/06
10010485	04	US	Granted	Room Temperature Gold Wire Bonding	10/241495	9/11/02	0006271	1/9/03	6698646	3/2/04
10010491	01	US	Granted	Method Of Providing Differential Frequency Adjusts In A Thin Film Bulk Acoustic Resonator (FBAR) Filter And Apparatus Embodying The Method	09/799153	3/5/01	0121944	9/5/02	6566979	5/20/03
10010491	02	JP	Pending	Method Of Providing Differential Frequency Adjusts In A Thin Film Bulk Acoustic Resonator (FBAR) Filter And Apparatus And Embodying The Method	P2002-057210	3/4/02	2002-35953	12/13/02		
10010491	03	DE	Published	Method Of Providing Differential Frequency Adjusts In A Thin Film Bulk Acoustic Resonator (FBAR) Filter And Apparatus And Embodying The Method	10207342.2	2/21/02	10207342	9/26/02		
10010492	01	US	Granted	Method For Production Thin Film Bulk Acoustic Resonators (FBARS) With Different Frequencies On The Same Substrate By Subtracting Method And Apparatus Embodying The Method	09/799202	3/5/01	0121498	9/5/02	6787048	9/7/04

10010492	02	JP	Pending	Method For Production Thin Film Bulk Acoustic Resonators (FBARS) With Different Frequencies On The Same Substrate By Subtracting Method And Apparatus Embodying The Method	P2002-057209	3/4/02					
10010492	03	DE	Published	Method For Production Thin Film Bulk Acoustic Resonators (FBARS) With Different Frequencies On The Same Substrate By Subtracting Method And Apparatus Embodying The Method	10207330.9	2/21/02	10207330	9/26/02			
10010502	01	US	Granted	Slew Rate Control Of Output Drivers Using PVT Controlled Edge Rates And Delays	09/920889	8/2/01	0025541	2/6/03	6683482	1/27/04	
10010502	02	JP	Pending	Slew Rate Control Of Output Drivers Using PVT Controlled Edge Rates And Delays	P2002-206776	7/16/02	2003-06941	3/7/03			
10010502	03	SG	Pending	Slew Rate Control Of Output Drivers Using PVT Controlled Edge Rates And Delays	200202387-7	4/23/02					
10010504	01	US	Granted	Slew Rate Control Of Output Drivers Using Fets With Different Threshold Voltages	09/921022	8/2/01	0025542	2/6/03	6873196	3/29/05	
10010504	02	JP	Pending	Slew Rate Control Of Output Drivers Using Fets With Different Threshold Voltages	P2002-215291	7/24/02	2003-12479	4/25/03			
10010504	03	SG	Pending	Slew Rate Control Of Output Drivers Using Fets With Different Threshold Voltages	200201267-2	3/6/02					
10010505	01	US	Granted	Binary Weighted Thermometer Code For PVT Controlled Output Drivers	09/921025	8/2/01			6509757	1/21/03	
10010505	02	JP	Pending	Binary Weighted Thermometer Code For PVT Controlled Output Drivers	P2002-218315	7/26/02	2003-06941	3/7/03			
10010505	03	SG	Published	Binary Weighted Thermometer Code For PVT Controlled Output Drivers	200201266-4	3/6/02	114531	9/28/05			
10010508	01	US	Granted	Method And Apparatus For Distributing Clocks	09/965754	9/28/01			6489820	12/3/02	
10010508	02	JP	Published	Method And Apparatus For Distributing Clocks	P2002-265283	9/11/02	2003186568	7/4/03			
10010508	03	SG	Pending	Method And Apparatus For Distributing Clocks	200203346.2	6/6/02					
10010521	01	US	Published	Financial Flow Business Model For A Virtual, Vertically Integrated Network-Based Business	10/117471	4/5/02	0191674	10/9/03			
10010524	01	US	Granted	Optical Measurement For Measuring A Small Space Through A Transparent Surface	10/039599	10/19/01	0076510	4/24/03	6806969	10/19/04	
10010557	01	US	Granted	Method And Apparatus Of Boundary Scan Testing For AC-Coupled Differential Paths	09/851731	5/9/01	0170011	11/14/02	6763486	7/13/04	
10010566	01	US	Granted	Low Noise Amplifier Circuit With Phase Matched SwitchTopology	10/020258	12/13/01	0112065	6/19/03	6680647	1/20/04	
10010566	02	JP	Published	Low Noise Amplifier With Phase Matched SwitchTopology	P2002-349804	12/2/02	2003198280	7/11/03			
10010566	03	DE	Published	Low Noise Amplifier With Phase Matched SwitchTopology	10241350.9	9/6/02	10241350	7/3/03			
10010579	01	US	Granted	Hierarchical Creation Of Vectors For Quiescent Current IDDQ Tests For System-On-Chip Circuits	09/997658	11/29/01	0101398	5/29/03	6751768	6/15/04	
10010586	01	US	Granted	Wafer Level Package With Silicon Gasket	10/028058	12/20/01	0116825	6/26/03	6787897	9/7/04	
10010586	02	JP	Published	Wafer Level Package With Silicon Gasket	P2002-366119	12/18/02	2003204005	7/18/03			
10010586	03	DE	Published	Wafer Level Package With Silicon Gasket	10241344.4	9/6/02	10241344	7/10/03			
10010586	04	US	Published	Wafer Level Package With Silicon Gasket	10/615672	7/8/03	0029360	2/12/04			
10010616	01	US	Granted	Receiver Apparatus And Method Of Propagating A Signal	10/037136	11/1/01	0080785	5/1/03	6600353	7/29/03	
10010616	03	DE	Published	Receiver Apparatus And Method Of Propagating A Signal	10237859.2	8/19/02	10237859	5/28/03			
10010638	01	US	Pending	Automatic Flicker Frequency Detection Device And Method	09/969040	10/2/01					
10010641	01	US	Granted	Heat Transfer Apparatus And Method Of Manufacturing An Integrated Circuit And Heat Sink Assembly	09/934422	8/21/01	0037906	2/27/03	6702001	3/9/04	
10010641	02	US	Granted	Heat Transfer Apparatus And Method Of Manufacturing An Integrated Circuit And Heat Sink Assembly	10/677079	10/1/03	0060688	4/1/04	6945313	9/20/05	
10010642	01	US	Granted	Friction Welding With Conoids	09/974538	10/10/01	0066864	4/10/03	6638641	10/28/03	
10010642	02	TW	Granted	Friction Welding With Conoids	91107730	4/16/02	574081	2/1/04	196348	5/31/04	
10010648	01	US	Published	An Optical Signal Control Device And Method For Utilizing Same	10/071356	2/8/02	0151811	8/14/03			
10010656	01	US	Granted	A Longitudinal Mode Optical Latching Relay	10/413251	4/14/03			6903490	6/7/05	
10010656	02	JP	Published	A Longitudinal Mode Optical Latching Relay	P2004-116949	4/12/04	2004318149	11/11/04			
10010656	03	DE	Published	A Longitudinal Mode Optical Latching Relay	10359507.4	12/18/03	10359507	11/25/04			
10010656	04	GB	Published	A Longitudinal Mode Optical Latching Relay	0407182.5	3/30/04	2400683	10/20/04			
10010656	05	TW	Published	A Longitudinal Mode Optical Latching Relay	92126410	10/14/03	200421380	10/16/04			
10010658	01	US	Pending	Manufacturing Process For Thin Film Bulk Acoustic Resonator (FBAR) Filters	10/384199	3/7/03					

10010658	02	US	Published	Manufacturing Process For Thin Film Bulk Acoustic Resonator (FBAR) Filters	10/994068	11/18/04	0088257	4/28/05		
10010660	01	US	Pending	Apparatus And Method For Random Pattern Built In Self-Test	10/021374	10/30/01	0093735	5/15/03		
10010660	02	DE	Published	Apparatus And Method For Random Patterns Built In Self Test	1026948.3	6/17/02	10226948	5/28/03		
10010667	01	US	Pending	Digital Image System And Method For Implementing An Adaptive Demosaicing Method	09/940825	8/27/01	0052981	3/20/03		
10010667	02	JP	Published	Digital Image System And Method For Implementing An Adaptive Demosaicing Method	P2002-247617	8/27/02	2003163939	6/6/03		
10010667	03	EP	Pending	Digital Image System And Method For Implementing An Adaptive Demosaicing Method	02009959.4	5/3/02	1289310	3/5/03		
10010675	01	US	Published	Apparatus And Method For Obtaining Average Scene Intensity Information From A Photo Detector Array	10/008968	12/6/01	0107665	6/12/03		
10010696	01	US	Granted	Optical Wavelength Division Multiplexer	10/098244	3/15/02	0174936	9/18/03	6690854	2/10/04
10010696	03	EP	Pending	Optical Wavelength Division Multiplexer	02024742.5	11/6/02	1345053			
10010696	04	JP	Published	Optical Wavelength Division Multiplexer	P2003-055063	3/3/03	2004029722	1/29/04		
10010697	01	US	Published	Ground Referenced Pixel Reset	10/051739	1/16/02	0133030	7/17/03		
10010706	01	US	Granted	Method For Producing A Long Wavelength Indium Gallium Arsenide Nitride (InGaAsN) Active Region	10/140625	5/7/02	0211647	11/13/03	6756325	6/29/04
10010706	02	JP	Published	Method For Producing A Long Wavelength Indium Gallium Arsenide Nitride (InGaAsN) Active Region	P2003-129259	5/7/03	2003332696	11/21/03		
10010706	03	EP	Published	Method For Producing A Long Wavelength Indium Gallium Arsenide Nitride (InGaAsN) Active Region	03001970.7	1/30/03	1361601	7/27/05		
10010715	01	US	Pending	One Chip USB Optical Mouse Sensor Solution	09/931987	8/17/01	0034959	2/20/03		
10010715	02	US	Pending	One Chip USB Optical Mouse Sensor Solution		11/2/05				
10010716	01	US	Published	Open Fiber Control For Optical Transceivers	09/991570	11/16/01	0095303	5/22/03		
10010716	02	JP	Published	Open Fiber Control For Optical Transceivers	P2002-329230	11/13/02	2003198480	7/11/03		
10010716	03	DE	Published	Open Fiber Control For Optical Transceivers	10243582.0	9/19/02	10243582	6/5/03		
10010716	04	GB	Granted	Open Fiber Control For Optical Transceivers	0225371.4	10/31/02	2383213	6/18/03	2383213	1/12/05
10010717	01	US	Granted	Integrated Circuit Architecture For Programmable Wireless Device	09/969941	10/2/01	0064747	4/3/03	6931259	8/16/05
10010717	02	JP	Published	Integrated Circuit Architecture For Programmable Wireless Device	P2002-289742	10/2/02	2003244009	8/29/03		
10010717	04	DE	Granted	Integrated Circuit Architecture For Programmable Wireless Device	02013510.9	6/17/02	1300987	3/17/04	1300987	9/7/05
10010717	05	FR	Granted	Integrated Circuit Architecture For Programmable Wireless Device	02013510.9	6/17/02	1300987	3/17/04	1300987	9/7/05
10010717	06	GB	Granted	Integrated Circuit Architecture For Programmable Wireless Device	02013510.9	6/17/02	1300987	3/17/04	1300987	9/7/05
10010719	01	US	Published	Systems And Methods For Reducing Artifacts Caused By Illuminant Flicker	10/629083	7/28/03	0024503	2/3/05		
10010720	01	US	Granted	System And Method For Reducing Trapped Charge Effects In A CMOS Photodetector	10/374279	2/26/03			6914230	7/5/05
10010727	01	US	Granted	Optical Systems And Methods Using Coupling Fixtures For Aligning Optical Elements With Planar Waveguides	10/208925	7/31/02	0022491	2/5/04	6865321	3/8/05
10010727	02	JP	Published	Optical Systems And Methods Using Coupling Fixtures For Aligning Optical Elements With Planar Waveguides	P2003-272799	7/10/03	2004070337	3/4/04		
10010727	03	EP	Published	Optical Systems And Methods Using Coupling Fixtures For Aligning Optical Elements With Planar Waveguides	03008475.0	4/11/03	1387195	6/22/05		
10010728	01	US	Granted	Reflowing Of Solder Joints	10/047567	1/15/02	0132273	7/17/03	6680457	1/20/04
10010728	02	JP	Published	Reflowing Of Solder Joints	P2003-004210	1/10/03	2003224352	8/8/03		
10010738	01	US	Granted	Multi-Purpose Transistor Array	09/828083	4/5/01	0027446	3/7/02	6774671	8/10/04
10010739	01	US	Granted	Bubble Stability In An Optical Switch	10/099116	3/14/02	0174930	9/18/03	6798939	9/28/04
10010739	02	JP	Published	Bubble Stability In An Optical Switch	P2003-069541	3/14/03	2003315706	11/6/03		
10010739	03	EP	Published	Bubble Stability In An Optical Switch	02023226.0	10/16/02	1345055	1/14/04		
10010747	01	US	Granted	Method And Apparatus For Improving Image Quality In Digital Cameras	09/928187	8/10/01	0030648	2/13/03	6822657	11/23/04
10010747	02	JP	Pending	Method And Apparatus For Improving Image Quality In Digital Cameras	P2002-213318	7/23/02	2003-11614	4/18/03		
10010747	03	EP	Published	Method And Apparatus For Improving Image Quality In Digital Cameras	02009688.9	4/29/02	1286553	3/2/05		
10010768	01	US	Granted	Method And Apparatus For Improving Temperature Performance For GaAsSb/GaAs Devices	10/368274	2/18/03			6931044	8/16/05

10010768	02	JP	Published	Method And Apparatus For Improving Temperature Performance For Gaasb/gaas Devices	P2004-041197	2/18/04	2004253802	9/9/04		
10010771	01	US	Tracking	Protection Of Tungsten Alignment Mark For Fe RAM Processing	10/097919	3/13/02			6528386	3/4/03
10010772	01	US	Tracking	Methods For Preventing Reduction Of IrOx During PZT Formation By Metalorganic Chemical Vapor Deposition Or Other Processing	10/036903	12/21/01				
10010774	01	US	Granted	Test System For Ferroelectric Materials And Noble Metal Electrodes In Semiconductor Capacitors	10/190402	7/2/02			6617178	9/9/03
10010774	02	JP	Published	Test System For Ferroelectric Materials And Noble Metal Electrodes In Semiconductor Capacitors	P2003-270274	7/2/03	2004045411	2/12/04		
10010774	03	DE	Published	Test System For Ferroelectric Materials And Noble Metal Electrodes In Semiconductor Capacitors	10318825.8	4/24/03	10318825	1/29/04		
10010774	04	KR	Pending	Test System For Ferroelectric Materials And Noble Metal Electrodes In Semiconductor Capacitors	2003-0044194	7/1/03				
10010788	01	US	Published	Resolution And Image Quality Improvements For Small Image Sensors	10/199376	7/19/02	0013319	1/22/04		
10010788	02	JP	Published	Resolution And Image Quality Improvements For Small Image Sensors	P2003-174583	6/19/03	2004056789	2/19/04		
10010788	03	GB	Published	Resolution And Image Quality Improvements For Small Image Sensors	0316667.5	7/16/03	2391130	1/28/04		
10010794	01	US	Pending	Method And Apparatus For Improving Wavelength Stability For InGaAsN Devices	10/368502	2/18/03				
10010794	02	JP	Published	Method And Apparatus For Improving Wavelength Stability For InGaAsN Devices	P2004-041196	2/18/04	2004253801	9/9/04		
10010800	01	US	Published	Digital Image System And Method For Combining Sensing And Image Processing On Sensor With Two Color Photo-Detector	10/043464	1/10/02	0128409	7/10/03		
10010802	01	US	Pending	Method And Apparatus For Removing Flicker From Images	09/927201	8/10/01	0030744	2/13/03		
10010802	02	JP	Pending	Method And Apparatus For Removing Flicker From Images	P2002-212267	7/22/02	2003-11088	4/11/03		
10010802	03	EP	Published	Method And Apparatus For Removing Flicker From Images	02012997.9	6/12/02	1289285	1/28/04		
10010854	01	US	Granted	Monolithic Multi-Wavelength Vertical-Cavity Surface Emitting Laser Array And Method Of Manufacture Thereof	10/151646	5/16/02	0214992	11/20/03	6806110	10/19/04
10010854	02	JP	Published	Monolithic Multi-Wavelength Vertical-Cavity Surface Emitting Laser Array And Method Of Manufacture Thereof	P2003-126147	5/1/03	2003332686	11/21/03		
10010854	03	EP	Published	Monolithic Multi-Wavelength Vertical-Cavity Surface Emitting Laser Array And Method Of Manufacture Thereof	03002337.8	2/3/03	1363369	11/19/03		
10010859	01	US	Granted	Optical Systems And Methods That Compensate For Changes In Atmospheric Conditions	10/233940	9/3/02	0042079	3/4/04	6842286	1/11/05
10010863	01	US	Published	Apparatus For Random Access Memory Array Self-Test	10/008382	12/5/01	0105999	6/5/03		
10010863	02	SG	Pending	Apparatus For Random Access Memory Array Self-Test	200204636-5	7/30/02				
10010864	01	US	Granted	Optical Navigation Upon Grainy Surfaces Using Multiple Navigation Sensors	10/000604	10/23/01	0075674	4/24/03	6657184	12/2/03
10010864	02	JP	Published	Optical Navigation Upon Grainy Surfaces Using Multiple Navigation Sensors	P2002-293410	10/7/02	2003140822	5/16/03		
10010864	03	DE	Published	Optical Navigation Upon Grainy Surfaces Using Multiple Navigation Sensors	1026950.5	6/17/02	10226950	4/30/03		
10010865	01	US	Granted	Self Calibrating Register For Source Synchronous Clocking Systems	10/007603	12/5/01	0102892	6/5/03	6665218	12/16/03
10010872	02	US	Granted	Sloped Via Contacts	10/826803	4/15/04			6903012	6/7/05
10010875	01	US	Granted	Moisture Passivated Planar Index-guided VCSEL	10/013108	12/7/01	0108075	6/12/03	6680964	1/20/04
10010875	02	JP	Published	Moisture Passivated Planar Index-guided VCSEL	P2002-356867	12/9/02	2003204117	7/18/03		
10010875	03	DE	Published	Moisture Passivated Planar Index-guided VCSEL	10242611.2	9/13/02	10242611	6/26/03		
10010875	04	GB	Granted	Moisture Passivated Planar Index-guided VCSEL	0228400.8	12/5/02	2386756	9/24/03	2386756	10/12/05
10010875	05	US	Published	Moisture Passivated Planar Index-guided VCSEL	10/620137	7/14/03	0004984	1/8/04		
10010890	01	US	Granted	Electrostatic Discharge Protection Of Thin-Film Resonators	10/209602	7/30/02	0021191	2/5/04	6894360	5/17/05

10010890	02	JP	Published	Electrostatic Discharge Protection Of Thin-Film Resonators	P2003-278831	7/24/03	2004064088	2/26/04		
10010890	03	DE	Published	Electrostatic Discharge Protection Of Thin-Film Resonators	10321470.4	5/13/03	10321470	2/26/04		
10010890	04	GB	Granted	Electrostatic Discharge Protection Of Thin-Film Resonators	0314307.0	6/19/03	2391407	4/2/04	2391407	8/3/05
10010890	05	US	Pending	Electrostatic Discharge Protection Of Thin-Film Resonators	10/752661	1/6/04				
10010891	01	US	Granted	Clocking Domain Conversion System And Method	10/300255	11/20/02			6686856	2/3/04
10010892	01	US	Granted	Method And Apparatus For Generating And Synchronizing Multiple Clocks	10/021133	10/29/01	0084362	5/1/03	6836852	12/28/04
10010892	02	CA	Pending	Method And Apparatus For Generating And Synchronizing Multiple Clocks	2388901	6/4/02				
10010892	03	DE	Published	Method And Apparatus For Generating And Synchronizing Multiple Clocks	10233615.6	7/24/02	10233615	5/15/03		
10010892	04	GB	Granted	Method And Apparatus For Generating And Synchronizing Multiple Clocks	0224793.0	10/24/02			2384375	4/13/05
10010892	05	KR	Pending	Method And Apparatus For Generating And Synchronizing Multiple Clocks	2002-0065824	10/28/02				
10010892	06	TW	Granted	Method And Apparatus For Generating And Synchronizing Multiple Clocks	91110677	5/21/02			1236580	7/21/05
10010892	07	JP	Published	Method And Apparatus For Generating And Synchronizing Multiple Clocks	P2002-303732	10/18/02	2003209539	7/25/03		
10010896	01	US	Granted	System And Method For Fabricating Efficient Semiconductor Lasers Via Use Of Precursors Having A Direct Bond Between A Group III Atom And A Nitrogen Atom	10/261754	9/30/02	0062283	4/1/04	6934312	8/23/05
10010896	02	JP	Published	System And Method For Fabricating Efficient Semiconductor Lasers Via Use Of Precursors Having A Direct Bond Between A Group III Atom And A Nitrogen Atom	P2003-339185	9/30/03	2004128504	4/22/04		
10010897	01	US	Granted	System And Method For Increasing Nitrogen Incorporation Into A Semiconductor Material Layer Using An Additional Element	10/352491	1/28/03			6887727	5/3/05
10010897	02	JP	Published	System And Method For Increasing Nitrogen Incorporation Into A Semiconductor Material Layer Using An Additional Element	P2004-015250	1/23/04	2004235632	8/19/04		
10010899	01	US	Published	A Piecewise Linear Slew Rate Control Of Method For Output Devices	10/060133	1/30/02	0141893	7/31/03		
10010909	01	US	Published	Long Wavelength Indium Arsenide Phosphide (InAsP) Quantum Well Active Region And Method For Producing Same	10/230895	8/29/02	0043523	3/4/04		
10010916	01	US	Granted	Optical Time Shifter And Routing System	08/940187	4/30/96			5692077	11/25/97
10010916	02	US	Granted	Optical Time Shifter And Routing System	08/926102	9/9/97			5982515	11/9/99
10010917	01	US	Granted	Optical Crossbar Switching And/Or Routing System	09/943847	8/31/01	0005966	1/17/02	6473211	10/29/02
10010917	02	JP	Published	Optical Crossbar Switching And/Or Routing System	P2002-250732	8/29/02	2003204566	7/18/03		
10010918	01	US	Granted	Optical Switching And Routing System	08/734139	10/21/96			5771320	6/23/98
10010920	01	US	Granted	Optical Switching, Routing And TimeDelay Systems Using Switched Mirrors	09/102700	6/22/98			6072923	6/6/00
10010923	02	US	Pending	Methods Of Fabricating PDLC Optical Devices	09/635606	8/10/00				
10010926	01	US	Published	Batch Editor For Netlists Described In A Hardware Description Language	10/032789	12/27/01	0125925	7/3/03		
10010927	01	US	Granted	Optical Routing/Switching Systems	09/435708	11/8/99			6570684	5/27/03
10010928	01	US	Granted	Optical Systems Using Switched Mirrors	09/587661	6/5/00			6585382	7/1/03
10010931	01	US	Published	Optical Add/drop Multiplexing Systems	10/717387	11/18/03	0105909	5/19/05		
10010934	01	US	Published	Optical Multistage Networks	10/700982	11/4/03	0094933	5/5/05		
10010935	02	US	Granted	High Contrast PDLC Transmission Gratings And Method Of Manufacture	10/021329	10/30/01	0097355	7/25/02	6654072	11/25/03
10010936	02	US	Granted	Switchable Mirrors And Retarders Based On Imbided Nano-Column Films	10/024749	12/19/01	0154261	10/24/02	6697144	2/24/04
10010937	01	US	Published	Variable Optical Attenuator Systems	10/720816	11/24/03	0111784	5/26/05		
10010938	01	US	Published	Improved Switching Systems	10/668975	9/23/03	0063056	3/24/05		
10010940	01	US	Published	Tunable Temporal Dispersion And Compensated Angular Dispersion In Optical Switching Systems	10/717414	11/18/03	0103985	5/19/05		
10010943	01	US	Granted	Opaque Optical Switching/routing Systems	10/700112	11/3/03			6870986	3/22/05
10010950	01	US	Granted	Switched Capacitor Piecewise Linear Slew Rate Control Methods For Output Devices	10/060535	1/30/02	0141894	7/31/03	6664805	12/16/03
10010952	01	US	Granted	Fixed Termination Scheme For Differential Receiver That Compensates For Process, Voltage And Temperature Variations	10/056164	1/24/02	0139164	7/24/03	6766155	7/20/04

10010953	01	US	Granted	Removable Mounting Clip Attaches A Motorized Fan To An Active Heat Sink And Then The Entire Assembly To A Part To Be Cooled	09/919150	7/31/01	0024688	2/6/03	6640882	11/4/03
10010953	02	TW	Granted	Removable Mounting Clip Attaches A Motorized Fan To An Active Heat Sink And Then The Entire Assembly To A Part To Be Cooled	90131372	12/18/01	538229	6/21/03	180654	10/24/03
10010954	01	US	Granted	Method And Apparatus For Ensuring Signal Integrity In A Latch Array	10/025353	12/18/01	0128046	7/10/03	6894535	5/17/05
10010955	01	US	Granted	Differential Self-Test Of Input/Output Circuits	10/122398	4/12/02	0196150	10/16/03	6918073	7/12/05
10010960	01	US	Granted	System For Automated Generation Of Data Path Macro Cells	10/068649	2/5/02			6948148	9/20/05
10010961	01	US	Granted	Variable Slew Rate Control For Open Drain Bus	10/044092	1/10/02	0128047	7/10/03	6710617	3/23/04
10010964	01	US	Granted	Fixed Wavelength Vertical Cavity Optical Devices And Method Of Manufacture Therefor	10/151631	5/16/02	0215969	11/20/03	6953702	10/11/05
10010964	02	JP	Published	Fixed Wavelength Vertical Cavity Optical Devices And Method Of Manufacture Therefor	P2003-127648	5/6/03	2003332687	11/21/03		
10010964	03	EP	Published	Fixed Wavelength Vertical Cavity Optical Devices And Method Of Manufacture Therefor	03002344.4	2/3/03	1363370	5/18/05		
10010965	01	US	Granted	Method For Sealing A Semiconductor Device And Apparatus Embodying The Method	10/277479	10/22/02	0077126	4/22/04	6919222	7/19/05
10010965	02	JP	Published	Method For Sealing A Semiconductor Device And Apparatus Embodying The Method	P2003-324962	9/17/03	2004146808	5/20/04		
10010965	03	DE	Published	Method For Sealing A Semiconductor Device And Apparatus Embodying The Method	10325020.4	6/3/03	10325020	5/13/04		
10010965	04	GB	Published	Method For Sealing A Semiconductor Device And Apparatus Embodying The Method	0324538.8	10/21/03	2396055	6/9/04		
10010965	05	US	Granted	Method For Sealing A Semiconductor Device And Apparatus Embodying The Method	10/645435	8/20/03	0077127	4/22/04	6836013	12/28/04
10010970	01	US	Published	An Integrated Circuit And Method Of Manufacturing An Integrated Circuit And Package	10/114625	4/2/02	0183919	10/2/03		
10010970	02	US	Published	An Integrated Circuit And Method Of Manufacturing An Integrated Circuit And Package	10/690938	10/22/03	0084768	5/6/04		
10010970	03	US	Published	An Integrated Circuit And Method Of Manufacturing An Integrated Circuit And Package	11/031774	1/7/05	0121766	6/9/05		
10010971	01	US	Granted	High-Performance Laminate For Integrated Circuit Interconnection	10/072261	2/7/02	0148077	8/7/03	6630628	10/7/03
10010973	01	US	Granted	Bypass Capacitance Localization	10/020366	12/12/01	0107396	6/12/03	6653858	11/25/03
10010982	01	US	Granted	Apparatus And Method For Routing Electrical Signals	10/060536	1/30/02	0141107	7/31/03	6900533	5/31/05
10010982	02	US	Published	Apparatus And Method For Routing Electrical Signals	11/011442	12/14/04	0103523	5/19/05		
10010983	01	US	Granted	Conductive Path Compensation For Matching Output Driver Impedance	10/015350	12/12/01	0107449	6/12/03	6756858	6/29/04
10010995	01	US	Published	A Method And Apparatus For Deriving A Bounded Set Of Path Delay Test Patterns Covering All Transition Faults	10/109018	3/28/02	0188246	10/2/03		
10010996	01	US	Granted	A Method And Apparatus For Measuring The Quality Of Delay Test Patterns	10/137534	4/30/02	0204350	10/30/03	6708139	3/16/04
10010997	01	US	Granted	Method And Apparatus For Testing Current Sinking/Sourcing Capability Of A Driver Circuit	10/099618	3/14/02	0173989	9/18/03	6737858	5/18/04
10010998	01	US	Granted	System And Method For Evaluating An Integrated Circuit Design	10/327366	12/20/02	0123206	6/24/04	6944837	9/13/05
10010999	01	US	Granted	Method And Apparatus For Creating A Reliable Long RC Time Constant	10/008123	12/5/01	0102813	6/5/03	6777755	8/17/04
10011001	01	US	Granted	System And Method For Simplifying Clock Construction And Analysis	10/068646	2/5/02	0149950	8/7/03	6721931	4/13/04
10011002	01	US	Granted	Method And Apparatus For Preventing Buffers From Being Damaged By Electrical Charges Collected On Lines Connected To The Buffers	10/046103	11/1/01	0081361	5/1/03	6775116	8/10/04
10011003	01	US	Published	Systems And Methods For Testing Tri-State Bus Drivers	10/327542	12/20/02	0123195	6/24/04		
10011004	01	US	Pending	Hierarchically-Controlled Automatic Test Pattern Generation	10/321758	12/17/02				
10011006	01	US	Published	Generating Test Patterns For Testing An Integrated Circuit	10/393844	3/21/03	0187060	9/23/04		
10011007	01	US	Granted	Partitioning Integrated Circuit Hierarchy	10/228913	8/27/02	0044972	3/4/04	6895562	5/17/05
10011019	01	US	Granted	Redistribution Metal For Output Driver Slew Rate Control	10/044122	1/10/02	0131329	7/10/03	6834381	12/21/04
10011019	02	US	Published	Redistribution Metal For Output Driver Slew Rate Control	10/958316	10/5/04	0060677	3/17/05		
10011021	01	US	Granted	Pushback FIFO	10/091682	3/5/02	0172206	9/11/03	6941393	9/6/05
10011021	02	US	Published	A Pushback FIFO	11/112209	4/22/05	0188130	8/25/05		

10011028	01	US	Granted	Systems And Methods For Performing Clock Gating Checks	10/163391	6/5/02	0229870	12/11/03	6807658	10/19/04
10011029	01	US	Granted	Systems And Methods For Timing A Linear Data Path Element During Signal-Timing Verification Of An Integrated Circuit Design	10/199137	7/19/02	0015801	1/22/04	6910194	6/21/05
10011030	01	US	Granted	Using Transition Time Checks To Determine Noise Problems On Signal Lines On An Integrated Circuit	10/017865	12/12/01	0110459	6/12/03	6760893	7/6/04
10011031	01	US	Published	A Clock Ratio Data Synchronizer	10/060154	1/30/02	0141908	7/31/03		
10011032	01	US	Published	A System And Method For Testing Memory Arrays	10/155544	5/24/02	0221145	11/27/03		
10011033	01	US	Granted	Systems And Methods Providing Scan-Based Delay Test Generation	10/144116	5/13/02	0212970	11/13/03	6769101	7/27/04
10011035	01	US	Published	System And Method For Placing Clock Drivers In A Standard Cell Block	10/153749	5/22/02	0221179	11/27/03		
10011036	01	US	Granted	System And Method For Correcting Charge Collector Violations	10/144072	5/13/02	0212969	11/13/03	6735750	5/11/04
10011037	01	US	Granted	Systems And Methods For Pre-Artwork Signal-Timing Verification Of An Integrated Circuit Design	10/209984	7/31/02	0025129	2/5/04	6954915	10/11/05
10011038	01	US	Granted	Systems And Methods For Time-Budgeting A Complex Hierarchical Integrated Circuit	10/180632	6/26/02	0003360	1/1/04	6836874	12/28/04
10011039	01	US	Granted	System And Method For Applying Timing Models In A Static-Timing Analysis Of A Hierarchical Integrated Circuit Design	10/178604	6/24/02	0237067	12/25/03	6925621	8/2/05
10011040	01	US	Granted	System And Method For Placing Substrate Contacts In A Datapath Stack In An Integrated Circuit Design	10/144103	5/13/02	0212974	11/13/03	6826739	11/30/04
10011041	01	US	Granted	System And Method For Placing Clock Buffers In A Datapath Stack	10/144117	5/13/02	0212975	11/13/03	6732343	5/4/04
10011042	01	US	Published	System And Method For Matching Data And Clock Signal Delays To Improve Setup And Hold Time	10/046597	12/18/01	0112910	6/19/03		
10011059	01	US	Granted	Variable Delay Circuit With High Resolution	10/371091	2/21/03	0164780	8/26/04	6909316	6/21/05
10011060	01	US	Granted	Multi-Phase Clock Time Stamping	10/320914	12/17/02	0114469	6/17/04	6950375	9/27/05
10011085	01	US	Pending	Method For Establishing A Communications Network Based On Topographic Network Devices And For Transmitting A Message Through Same	09/915934	7/25/01	0023747	1/30/03		
10011093	01	US	Granted	System And Method For Generating Integrated Circuit Boundary Register Description Data	10/079337	2/20/02	0159124	8/21/03	6721923	4/13/04
10011094	01	US	Granted	System And Method For Testing Abstracted Timing Models	10/060156	1/30/02	0182646	9/25/03	6763507	7/13/04
10011112	01	US	Granted	Technique For Debugging An Integrated Circuit Having A Parallel Scan-Chain Architecture	10/093178	3/7/02	0172334	9/11/03	6941498	9/6/05
10011127	01	US	Granted	Inp Based High Temperature Lasers With Inasp Quantum Well Layers And Barrier Layers Of Gax(alin) 1-Xp	10/354276	1/30/03			6730944	5/4/04
10011127	02	JP	Published	Inp Based High Temperature Lasers With Inasp Quantum Well Layers And Barrier Layers Of Gax(alin) 1-Xp	P2004-007511	1/15/04	2004235628	8/19/04		
10011127	03	EP	Pending	Inp Based High Temperature Lasers With Inasp Quantum Well Layers And Barrier Layers Of Gax(alin) 1-Xp	03021206.2	9/18/03	1443616			
10011137	01	US	Pending	Correlation-Based Color Mosaic Interpolation Adjustment Using Luminance Gradients	10/369356	2/18/03				
10011172	01	US	Published	Waveguide Based Optical Coupling Of A Fiber Optic Cable And An Optoelectronic Device	10/104249	3/22/02	0180006	9/25/03		
10011172	02	JP	Published	Waveguide Based Optical Coupling Of A Fiber Optic Cable And An Optoelectronic Device	P2003-079979	3/24/03	2003294997	10/15/03		
10011172	03	GB	Granted	Waveguide Based Optical Coupling Of A Fiber Optic Cable And An Optoelectronic Device	0306592.7	3/21/03	2386695	9/24/03	2386695	8/7/05
10011172	04	DE	Published	Waveguide Based Optical Coupling Of A Fiber Optic Cable And An Optoelectronic Device	10306044.8	2/13/03	10306044	10/16/03		
10011174	01	US	Granted	Facile Ergonomic Computer Pointing Device	10/085653	2/28/02	0160765	8/28/03	6795057	9/21/04
10011175	01	US	Granted	Methods For Computing The CRC Of A Message From The Incremental CRCs Of Composite Sub-Messages	10/080886	2/22/02	0167440	9/4/03	6904558	6/7/05
10011175	02	GB	Granted	Methods For Computing The CRC Of A Message From The Incremental CRCs Of Composite Sub-Messages	0303743.9	2/18/03	2388683	11/19/03	2388683	4/27/05
10011175	03	GB	Granted	Methods For Computing The CRC Of A Message From The Incremental CRCs Of Composite Sub-Messages	0504442.5	3/3/05	2408608	6/1/05	2408608	8/10/05

10011179	01	US	Published	Electronic Device With Digital Camera For General-Purpose Photography And Fingerprint Sensing	10/094567	3/7/02	0169905	9/11/03		
10011181	01	US	Pending	Method And Apparatus For Performing Optical Character Recognition (OCR) And Text Stitching	10/092772	3/7/02				
10011194	01	US	Granted	System And Method For Testing Integrated Circuits By Transient Signal Analysis	10/176321	6/20/02	0234658	12/25/03	6759864	7/6/04
10011196	01	US	Granted	High Speed Electronic Interconnection Using A Detachable Substrate	10/150303	5/17/02	0213963	11/20/03	6882044	4/19/05
10011196	02	JP	Published	High Speed Electronic Interconnection Using A Detachable Substrate	P2003-138355	5/16/03	2004006871	1/8/04		
10011196	03	EP	Pending	High Speed Electronic Interconnection Using A Detachable Substrate	03002326.1	2/3/03	1363327			
10011197	01	US	Granted	Array Of Discretely Formed Optical Signal Emitters For Multi-Channel Communication.	10/370853	2/21/03	0165845	8/26/04	6870195	3/22/05
10011197	02	EP	Published	Array Of Discretely Formed Optical Signal Emitters For Multi-Channel Communication	03023656.6	10/17/03	1450453	3/23/05		
10011198	01	US	Granted	Electrically-Pumped, Multiple Active Region Vertical-Cavity Surface Emitting Laser (VCSEL)	10/278003	10/22/02	0076209	4/22/04	6771680	8/3/04
10011198	02	JP	Published	Electrically-Pumped Multiple Active Region VCSEL	P2003-360929	10/21/03	2004146833	5/20/04		
10011203	01	US	Granted	Systems And Methods Of Sampling A Photodetector And Photocell Circuits Incorporating The Same	09/994036	11/19/01	0094565	5/22/03	6649899	11/18/03
10011203	02	JP	Published	Systems And Methods Of Sampling A Photodetector And Photocell Circuits Incorporating The Same	P2002-330162	11/14/02	2003250096	9/5/03		
10011203	03	EP	Pending	Systems And Methods Of Sampling A Photodetector And Photocell Circuits Incorporating The Same	02025083.3	11/14/02	1313061	5/21/03		
10011209	01	US	Published	Method And Apparatus For Automatically Optimizing Optical Contrast In Automated Equipment	10/152713	5/22/02	0218688	11/27/03		
10011209	02	JP	Published	Method And Apparatus For Automatically Optimizing Optical Contrast In Automated Equipment	P2003-127137	5/2/03	2004053583	2/19/04		
10011213	01	US	Granted	Monitor Circuitry And Method For Testing Analog And/or Mixed Signal Integrated Circuits	10/193949	7/11/02	0008049	1/15/04	6714036	3/30/04
10011213	02	JP	Published	Monitor Circuitry And Method For Testing Analog And/or Mixed Signal Integrated Circuits	P2003-189236	7/1/03	2004045404	2/12/04		
10011213	03	EP	Pending	Monitor Circuitry And Method For Testing Analog And/or Mixed Signal Integrated Circuits	03004842.5	3/5/03	1380847			
10011231	02	US	Published	CMOS Image Sensor Using Gradient Index Chip Scale Lenses	10/260186	9/27/02	0032523	2/19/04		
10011231	03	JP	Published	CMOS Image Sensor Using Gradient Index Chip Scale Lenses	P2003-293248	8/13/03	2004080039	3/11/04		
10011231	04	EP	Pending	CMOS Image Sensor Using Gradient Index Chip Scale Lenses	03007806.7	4/4/03	1389804			
10011232	01	US	Published	Integrated Circuit Device For Driving A Laser Diode With Reduced Heat Transfer And Method For Fabricating The Device	10/454172	6/3/03	0245936	12/9/04		
10011232	02	JP	Published	Integrated Circuit Device For Driving A Laser Diode	P2004-163209	6/1/04	2004363602	12/24/04		
10011232	03	EP	Published	Integrated Circuit Device For Driving A Laser Diode With Reduced Heat Transfer And Method For Fabricating The Device	04002806.0	2/9/04	1484953	12/8/04		
10011232	04	CN	Published	Integrated Circuit Device For Driving A Laser Diode	0410031018.4	4/5/04	1574314A	2/2/05		
10011233	01	US	Published	Apparatus And Method For Adjusting External Cavity Lasers	10/374169	2/25/03	0165640	8/26/04		
10011234	01	US	Published	Systems And Methods For Hermetic Seal Formation	10/327870	12/23/02	0119247	6/24/04		

10011234	02	JP	Published	System And Method For Hermetic Seal Formation	P2003-426252	12/24/03	2004202581	7/22/04		
10011234	03	EP	Published	Systems And Methods For Hermetic Seal Formation	03017965.9	8/6/03	1433564	6/30/04		
10011244	01	US	Granted	Optical Detector And Method For Detecting Incident Light	10/303506	11/25/02	0099791	5/27/04	6919552	7/19/05
10011244	02	JP	Published	Optical Detector And Method For Detecting Incident Light	P2003-384499	11/14/03	2004179651	6/24/04		
10011244	03	CN	Published	Optical Detector And Method For Detecting Incident Light	03150337.3	7/25/03	1503378A	6/9/04		
10011246	01	US	Published	Heating Of Trenches In An Optical Bubble Switch	10/115217	4/3/02	0190111	10/9/03		
10011256	01	US	Pending	Method And System To Manage Resource Requests Utilizing Link-List Queues Within An Arbitrator Associated With An Interconnect Device	09/949367	9/7/01				
10011257	01	US	Pending	Method And System To Allocate Resources Within An Interconnect Device According To A Resource Allocation Table	09/977511	10/12/01				
10011258	01	US	Pending	Method And Apparatus To Detect A Timeout Condition For A Data Item Within A Process	10/123553	4/15/02				
10011259	01	US	Pending	Method And System To Process A Multicast Request Pertaining To A Packet Received At An Interconnect Device	09/977670	10/12/01				
10011260	01	US	Granted	Method And System To Map A Service Level Associated With A Packet To One Of A Number Of Data Streams At An Interconnect Device	09/977529	10/12/01			6839794	1/4/05
10011261	01	US	Pending	Method And Management Port For An Indirect Loop Protocol Associated With An Interconnect Device	09/948875	9/7/01				
10011262	01	US	Pending	Mask-Based Round Robin Arbitration	09/948748	9/7/01				
10011263	01	US	Granted	Method And Systems To Transfer Information Using An Alternative Routing Associated With A Communication Network	09/948460	9/7/01			6950394	9/27/05
10011264	01	US	Granted	Speculative Loading Of Buffers Within A Port Of A Network Device	09/948455	9/7/01			6920106	7/19/05
10011265	01	US	Pending	Method And System For Configuring An Interconnect Device	09/948924	9/7/01				
10011265	02	US	Pending	Method And Systems For Configuring An Interconnect Device	11/173167	7/1/05				
10011266	01	US	Published	Method And Apparatus For Interconnecting A Laser Array And An Integrated Circuit Of A Laser Based Transmitter	10/136928	4/30/02	0202549	10/30/03		
10011266	02	JP	Published	Method And Apparatus For Interconnecting A Laser Array And An Integrated Circuit Of A Laser Based Transmitter	P2003-121471	4/25/03	2003324229	11/14/03		
10011266	04	DE	Granted	Method And Apparatus For Interconnecting A Laser Array And An Integrated Circuit Of A Laser-Based Transmitter	02023302.9	10/17/02	1359648	11/5/03	1359648	7/9/05
10011266	05	FR	Granted	Method And Apparatus For Interconnecting A Laser Array And An Integrated Circuit Of A Laser-Based Transmitter	02023302.9	10/17/02	1359648	11/5/03	1359648	7/9/05
10011266	06	GB	Granted	Method And Apparatus For Interconnecting A Laser Array And An Integrated Circuit Of A Laser-Based Transmitter	02023302.9	10/17/02	1359648	11/5/03	1359648	7/9/05
10011267	01	US	Published	Random Bit Stream Generation By Amplification Of Thermal Noise In A CMOS Process	10/140766	5/8/02	0006580	1/8/04		
10011275	01	US	Granted	Cooling Apparatus	10/164340	6/5/02	0102110	6/5/03	6681842	1/27/04
10011276	01	US	Granted	Cooling Apparatus	10/164273	6/5/02	0102109	6/5/03	6691770	2/17/04
10011276	02	US	Granted	Cooling Apparatus	10/629986	7/29/03	0016532	1/29/04	6874565	4/5/05
10011280	01	US	Granted	Glass Attachment Over Micro-lens Arrays	10/184154	6/26/02	0002179	1/1/04	6744109	6/1/04
10011280	02	JP	Published	Glass Attachment Over Micro-lens Arrays	P2003-146149	5/23/03	2004031939	1/29/04		
10011280	03	GB	Published	Glass Attachment Over Micro-lens Arrays	0312936.8	6/5/03	2391707	2/11/04		
10011280	04	US	Granted	Glass Attachment Over Micro-lens Arrays	10/634594	8/4/03	0036069	2/26/04	6794218	9/21/04
10011280	05	GB	Unfiled	Glass Attachment Over Micro-lens Arrays	0516171.6					
10011282	01	US	Granted	Method Of Active Fiber Alignment With Movable V-Groove Precision Control Microstructures	10/154596	5/24/02	0217476	11/27/03	6681496	1/27/04
10011296	01	US	Granted	Total Internal Reflection Optical Switch	09/956468	9/17/01	0067879	6/6/02	6487333	11/26/02
10011296	02	JP	Published	Total Internal Reflection Optical Switch	P2002-269680	9/17/02	2003161895	6/6/03		
10011296	03	EP	Published	Total Internal Reflection Optical Switch	02010068.1	5/6/02	1300707	3/3/04		
10011303	01	US	Pending	Duplexer With A Differential Receiver Port Implemented Using Acoustic Resonator Elements	10/017207	12/13/01	0112768	6/19/03		

10011303	02	JP	Published	Duplexer With A Differential Receiver Port Implemented Using Acoustic Resonator Elements	P2002-356907	12/9/02	2003209487	7/25/03		
10011303	03	DE	Granted	Duplexer With A Differential Receiver Port Implemented Using Acoustic Resonator Elements	10239799.6	8/29/02	10239799	7/10/03	10239799	10/6/05
10011303	04	GB	Granted	Duplexer With A Differential Receiver Port Implemented Using Acoustic Resonator Elements	0228774.6	12/10/02	2385998	9/3/03	2385998	4/6/05
10011304	01	US	Granted	Differential Filters With Common Mode Rejection And Broadband Rejection	10/017605	12/13/01	0112098	6/19/03	6600390	7/29/03
10011304	02	JP	Published	Differential Filters With Common Mode Rejection And Broadband Rejection	P2002-339802	11/22/02	2003198324	7/11/03		
10011304	03	DE	Published	Differential Filters With Common Mode Rejection And Broadband Rejection	10242657.0	9/13/02	10242657	7/17/03		
10011304	04	GB	Pending	Differential Filters With Common Mode Rejection And Broadband Rejection	0228773.8	12/10/02				
10011305	01	US	Granted	Internal Bus Termination Technique For Integrated Circuits With Local Process/Voltage/Temperature Compensation	10/144112	5/13/02	0210070	11/13/03	6714039	3/30/04
10011306	01	US	Granted	Method For Reducing Short Circuit Current During Power Up And Power Down For High Voltage Pad Drivers With Analog Slew Rate Control	10/140767	5/8/02			6586974	7/1/03
10011311	01	US	Pending	Method And Apparatus For Input/Output Port Mirroring For Networking System Bring-Up And Debug	09/977604	10/12/01				
10011313	01	US	Granted	Apparatus And Methodology For An Infiniband Input Port That Supports Cut-Through Operations Within The Switch	09/977515	10/12/01			6922749	7/26/05
10011314	01	US	Pending	Control Of Authentication Data Residing In A Network Device	10/057159	1/24/02				
10011321	01	US	Granted	Micromachined Parallel-Plate Variable Capacitor With Plate Suspension	10/104349	3/22/02			6549394	4/15/03
10011321	02	JP	Published	Micromachined Parallel-Plate Variable Capacitor With Plate Suspension	P2003-069574	3/14/03	2003297671	10/17/03		
10011321	03	EP	Published	Micromachined Parallel-Plate Variable Capacitor With Plate Suspension	02023307.8	10/17/02	1347478	7/6/05		
10011335	01	US	Published	Apparatus And Method For Sensing Rotation	10/118623	4/8/02	0189166	10/9/03		
10011335	02	JP	Published	Apparatus And Method For Sensing Rotation	P2003-099426	4/2/03	2003316509	11/7/03		
10011335	03	DE	Published	Apparatus And Method For Sensing Rotation	10257424.3	12/9/02	10257424.3	10/30/03		
10011335	04	GB	Published	Apparatus And Method For Sensing Rotation	0307845.8	4/4/03	2391615	2/11/04		
10011337	01	US	Granted	Pull Detach Mechanism For Fiber Optic Transceiver Module	10/066068	1/31/02	0142917	7/31/03	6746158	6/8/04
10011339	01	US	Granted	Lead-Based Perovskite Buffer For Forming Indium Phosphide On Silicon	10/093342	3/6/02	0168000	9/11/03	6872252	3/29/05
10011339	02	JP	Published	Lead-Based Perovskite Buffer For Forming Indium Phosphide On Silicon	P2003-045552	2/24/03	2003306399	10/28/03		
10011340	01	US	Granted	Velocity Matched Waveguide For Traveling-Wave Optical Modulators	10/328689	12/23/02	0120624	6/24/04	6882757	4/19/05
10011348	01	US	Granted	Switching System	10/261711	9/30/02	0061578	4/1/04	6900711	5/31/05
10011348	02	JP	Published	Switching System	P2003-324983	9/17/03	2004129251	4/22/04		
10011348	03	GB	Published	Switching System	03226416.4	9/26/03	2394610	4/28/04		
10011357	01	US	Granted	Optical Barrier	09/971433	10/5/01	0092968	7/18/02	6627866	9/30/03
10011358	01	US	Published	Apparatus And Method For Arbitrating Among Equal Priority Requests	10/184168	6/28/02	0001503	1/1/04		
10011359	01	US	Granted	Apparatus And Methods For Combinational Error Detection In An Infiniband Switch	10/161503	5/31/02	0226085	12/4/03	6898752	5/24/05
10011360	01	US	Published	Method And Apparatus For Early Zero-Credit Determination In An Infiniband System	10/122455	4/12/02	0193894	10/16/03		
10011362	01	US	Published	Programmable Infiniband Switch	10/186038	6/28/02	0001487	1/1/04		
10011363	01	US	Published	Handling And Discarding Packets In A Switching Subnetwork	10/261012	9/30/02	0062244	4/1/04		
10011364	01	US	Granted	Buffer Management Architecture And Method For An Infiniband Subnetwork	10/261146	9/30/02	0064664	4/1/04	6904507	6/7/05
10011365	01	US	Published	Apparatus And Methods For Increasing Bandwidth In An Infiniband Switch	10/160793	5/31/02	0223435	12/4/03		
10011367	01	US	Published	Method And Apparatus For Fast Integer Within-Range Compare	10/119889	4/10/02	0193942	10/16/03		

10011383	02	US	Granted	Method And Apparatus For Providing Pseudo 2-Port RAM Functionality Using A 1-Port Memory Cell	10/213510	8/7/02	0081449	5/1/03	6882562	4/19/05
10011389	01	US	Published	Self-Tuned Matching Network For High Efficient Power Amplifiers	10/251273	9/19/02	0056733	3/25/04		
10011389	02	JP	Published	Self-Tuned Matching Network For High Efficient Power Amplifiers	P2003-325447	9/18/03	2004112810	4/8/04		
10011389	03	EP	Published	Self-Tuned Matching Network For High Efficient Power Amplifiers	03009061.7	4/17/03	1401047	3/24/04		
10011397	01	US	Granted	Method And Structure For A Slug Assisted Pusher-Mode Piezoelectrically Actuated Liquid Metal Optical Switch	10/413070	4/14/03			6818844	11/16/04
10011397	02	JP	Published	Method And Structure For A Slug Assisted Pusher-Mode Piezoelectrically Actuated Liquid Metal Optical Switch	P2004-112439	4/6/04	2004318135	11/11/04		
10011405	01	US	Published	Apparatus And Methods For Dynamic Reallocation Of Virtual Lane Buffer Space In An Infiniband Switch	10/160938	5/31/02	0223416	12/4/03		
10011407	01	US	Published	Data-Receiving Port And Method For Programmable Updating Of Available Buffer Space Information In A Communications Channel	10/125154	4/17/02	0198240	10/23/03		
10011408	01	US	Granted	Method And Apparatus For Performing Signal Synchronization	10/141027	5/8/02	0210603	11/13/03	6711089	3/23/04
10011409	01	US	Published	Method For Implementing Vendor-Specific Management In An Infiniband Device	10/215235	8/8/02	0030763	2/12/04		
10011410	01	US	Granted	Polymeric Liquid Metal Optical Switch	10/412859	4/14/03			6888977	5/3/05
10011410	02	JP	Published	Polymeric Liquid Metal Optical Switch	P2004-112446	4/6/04	2004318136	11/11/04		
10011410	03	DE	Published	Polymeric Liquid Metal Optical Switch	10360865.6	12/23/03	10360865	11/18/04		
10011410	04	GB	Published	Polymeric Liquid Metal Optical Switch	0407168.4	3/30/04	2400678	10/20/04		
10011410	05	TW	Published	Polymeric Liquid Metal Optical Switch	92129951	10/28/03	200420927	10/16/04		
10011415	01	US	Granted	Method Of Fabricating A Semiconductor Device And An Apparatus Embodying The Method	10/202974	7/25/02	0017271	1/29/04	6794958	9/21/04
10011416	01	US	Granted	Fiber Assembly Alignment Using Fiducials	10/077464	2/14/02	0152328	8/14/03	6728449	4/27/04
10011416	02	JP	Published	Fiber Assembly Alignment Using Fiducials	P2003-030835	2/7/03	2003270483	9/25/03		
10011416	03	EP	Published	Fiber Assembly Alignment Using Fiducials	02021994.5	9/30/02	1353205	6/9/04		
10011417	01	US	Published	Operating An Optical Switch At A Negative Pressure Differential	10/211196	8/1/02	0022481	2/5/04		
10011417	02	JP	Published	Operating An Optical Switch At A Negative Pressure Differential	P2003-283594	7/31/03	2004070354	3/4/04		
10011417	03	GB	Granted	Operating An Optical Switch At A Negative Pressure Differential	0317014.9	7/21/03	2391957	2/18/04	2391957	7/13/05
10011424	01	US	Published	Monitoring System For A Communications Network	10/291259	11/8/02	0091032	5/13/04		
10011426	01	US	Granted	Coupled Resonant Cavity Surface-Emitting Laser	10/313393	12/5/02	0109485	6/10/04	6845115	1/18/05
10011430	01	US	Published	Switch-Management Agent Trap Scheme In An Infiniband-Architecture Switch	10/321233	12/17/02	0114531	6/17/04		
10011431	01	US	Pending	Data-Packet Error Monitoring In An Infiniband-Architecture Switch	10/321042	12/17/02				
10011432	01	US	Published	Systems And Methods For Providing Data Packet Flow Control	10/255788	9/26/02	006266	4/1/04		
10011439	01	US	Granted	Method And Apparatus For Minimizing Clock Skew In A Balanced Tree When Interfacing To An Unbalanced Load	10/140704	5/8/02	0212971	11/13/03	6769104	7/27/04
10011440	01	US	Granted	Method And Apparatus For Synchronously Transferring Data Across Multiple Clock Domains	10/215157	8/8/02	0027166	2/12/04	6744285	6/1/04
10011458	01	US	Granted	Damped Longitudinal Mode Optical Latching Relay	10/412894	4/14/03			6879089	4/12/05
10011458	02	JP	Published	Damped Longitudinal Mode Optical Latching Relay	P2004-115449	4/9/04	2004318146	11/11/04		
10011462	01	US	Granted	Apparatus For Random Access Memory Array Self-Repair	10/021614	12/12/01	0107925	6/12/03	6697290	2/24/04
10011462	02	US	Granted	Apparatus For Random Access Memory Array Self-Repair	10/679928	10/6/03	0066694	4/8/04	6914833	7/5/05
10011467	01	US	Granted	Material Systems For Long Wavelength Lasers Grown On InP Substrates	10/173369	6/14/02	0231680	12/18/03	6801558	10/5/04
10011471	01	US	Published	Method And Apparatus For Testing Serial Connections	10/109286	3/28/02	0185325	10/2/03		
10011473	01	US	Granted	Material Systems For Long Wavelength Lasers Grown On GaSb Or InAs Substrates	10/196872	7/16/02	0013155	1/22/04	6813297	11/2/04

10011475	01	US	Published	Driver Circuit And Method For Driving An Electrical Device With A Controlled Slew Rate	10/646032	8/22/03	0052380	3/10/05		
10011476	01	US	Granted	Asymmetric InGaAsN Vertical Cavity Surface Emitting Lasers	10/106678	3/25/02	0179801	9/25/03	6813295	11/2/04
10011476	02	JP	Published	Asymmetric InGaAsN Vertical Cavity Surface Emitting Laser	P2003-082487	3/25/03	2003298187	10/17/03		
10011476	03	EP	Published	Asymmetric InGaAsN Vertical Cavity Surface Emitting Lasers	02023534.7	10/22/02	1349246	6/29/05		
10011479	01	US	Granted	Photo-Amplifier Circuit With Improved Power Supply Rejection	10/426744	4/30/03			6781468	8/24/04
10011479	02	JP	Published	Photo-Amplifier Circuit With Improved Power Supply Rejection	P2004-131336	4/27/04	2004336749	11/25/04		
10011479	03	EP	Published	Photo-Amplifier Circuit With Improved Power Supply Rejection	03029343.5	12/18/03	1473830	11/3/04		
10011479	04	CN	Published	Photo-Amplifier Circuit With Improved Power Supply Rejection	0410000447.5	1/29/04	1543060A	11/3/04		
10011480	01	US	Granted	Method For Obtaining High Quality InAgAsN Semiconductor Devices	10/106472	3/25/02	0181024	9/25/03	6764926	7/20/04
10011480	02	JP	Published	Method For Obtaining High Quality InGaAsN	P2003-082488	3/25/03	2003332251	11/21/03		
10011480	03	EP	Published	Method For Obtaining High Quality InGaAsN Semiconductor	02023298.9	10/17/02	1348778	10/1/03		
10020011	01	US	Granted	Optical Packaging Assembly Including A Hermetically Sealed Optical Device Housing And Method Of Making The Same	10/171213	6/13/02	0231848	12/18/03	6671449	12/30/03
10020014	01	US	Granted	Common Device Node Balun Grounded Balanced Amplifier	10/092760	3/7/02			6606002	8/12/03
10020016	01	US	Granted	Vented Cavity:Hermetic Solder Seal	10/124174	4/16/02	0192942	10/16/03	6732905	5/11/04
10020016	02	JP	Published	Vented Cavity:Hermetic Solder Seal	P2003-107373	4/11/03	2003311400	11/5/03		
10020016	03	GB	Granted	Vented Cavity:Hermetic Solder Seal	0304511.9	2/27/03			2387562	6/15/05
10020018	01	US	Granted	Compliant And Hermetic Solder Seal	10/124166	4/17/02	0198428	10/23/03	6958446	10/25/05
10020018	02	JP	Published	Compliant And Hermetic Solder Seal	P2003-107374	4/11/03	2004004744	1/8/04		
10020018	03	GB	Granted	Compliant And Hermetic Solder Seal	0304399.9	2/26/03	2387804	10/29/03	2387804	6/29/05
10020022	01	US	Granted	A Method And Apparatus For Low Latency Distribution Of Logic Signals	10/164169	6/5/02	0227298	12/11/03	6703869	3/9/04
10020027	01	US	Granted	Piezoelectric Optical Relay	10/109309	3/28/02			6741767	5/25/04
10020027	02	JP	Published	Piezoelectric Optical Relay	P2003-085284	3/26/03	2003329943	11/19/03		
10020030	01	US	Published	Amplifier Having Multiple Offset-Compensation Paths And Related Systems And Methods	10/198851	7/19/02	0012439	1/22/04		
10020031	01	US	Granted	Output Power Control System	10/137833	5/1/02	0206064	11/6/03	6727760	4/27/04
10020031	02	JP	Published	Output Power Control System	P2003-124921	4/30/03	2004007631	1/8/04		
10020042	01	US	Published	Fiber Optic Coupling System And Method For Improved Alignment Tolerances	10/301988	11/22/02	0101238	5/27/04		
10020052	01	US	Granted	Integrated Laser And Electro-Absorption Modulator With Improved Extinction	10/211865	7/31/02	0022289	2/5/04	6807214	10/19/04
10020052	02	EP	Published	Integrated Laser And Electro-Absorption Modulator With Improved Extinction	03010143.0	5/5/03	1387450	4/20/05		
10020053	01	US	Granted	Monitoring Optical Transmitter Signals	10/244565	9/16/02	0052463	3/18/04	6892007	5/10/05
10020054	01	US	Pending	Apparatus And Method For Detecting And Compensating For Illuminant Intensity Changes Within An Image.	10/388813	3/14/03				
10020062	01	US	Published	Multifunction Lens	10/266538	10/7/02	0066463	4/8/04		
10020066	01	US	Granted	Metal Programmable Clock Distribution For Integrated Circuits	10/255285	9/26/02			6711716	3/23/04
10020067	01	US	Granted	Method And Apparatus For Hierarchical Clock Tree Analysis	10/215125	8/8/02	0060019	3/25/04	6687889	2/3/04
10020077	01	US	Granted	Method For Low Temperature Photonic Crystal Structures	10/287040	10/31/02	0083948	5/6/04	6786968	9/7/04
10020096	01	US	Granted	Diffraction Optical Elements And Methods Of Making The Same	10/208570	7/30/02	0020892	2/5/04	6905618	6/14/05
10020096	02	JP	Published	Diffraction Optical Elements And Methods Of Making The Same	P2003-272146	7/9/03	2004062200	2/26/04		
10020096	03	DE	Published	Diffraction Optical Elements And Methods Of Making The Same	10320131.9	5/6/03	10320131	2/26/04		
10020096	04	GB	Published	Diffraction Optical Elements And Methods Of Making The Same	0317739.1	7/29/03	2393267	3/24/04		
10020097	01	US	Granted	Actively Aligned Optoelectronic Device	10/174002	6/17/02	0005124	1/8/04	6955480	10/18/05

10020117	01	US	Granted	Stable Optical Switch With Reduced Power Consumption	10/266877	10/7/02	0067009	4/8/04	6718085	4/6/04
10020117	02	JP	Published	Stable Optical Switch With Reduced Power Consumption	P2003-344253	10/2/03	2004133451	4/30/04		
10020117	03	GB	Published	Stable Optical Switch With Reduced Power Consumption	0313241.2	6/9/03	2394066	4/14/04		
10020139	01	US	Published	A CMOS IMAGE SENSOR WITH VARIABLE CONVERSION GAIN	10/283970	10/29/02	0079977	4/29/04		
10020141	01	US	Granted	Optical Apparatus And Method For Coupling Output Light From A Light Source To An Optical Waveguide	10/319218	12/12/02	0114881	6/17/04	6921214	7/26/05
10020141	02	JP	Published	Optical Apparatus And Method For Coupling Output Light From A Light Source To An Optical Waveguide	P2003-411216	12/10/03	2004191989	7/8/04		
10020141	03	DE	Published	Optical Apparatus And Method For Coupling Output Light From A Light Source To An Optical Waveguide	10349608.4	10/24/03	10349608	7/8/04		
10020141	04	GB	Published	Optical Apparatus And Method For Coupling Output Light From A Light Source To An Optical Waveguide	0328750.5	12/11/03	2397393	7/21/04		
10020144	01	US	Published	Digital Image System And Method For Combining Demosaicing And Bad Pixel Correction	10/222150	8/16/02	0032516	2/19/04		
10020144	02	JP	Published	Digital Image System And Method For Combining Demosaicing And Bad Pixel Correction	P2003-198261	7/17/03	2004080761	3/11/04		
10020144	03	EP	Published	Digital Image System And Method For Combining Demosaicing And Bad Pixel Correction	03009920.4	4/30/03	1389771	5/4/05		
10020170	01	US	Published	Method And Apparatus For Testing A High Speed Data Receiver For Jitter Tolerance	10/228909	8/27/02	0044948	3/4/04		
10020171	01	US	Published	Method And Apparatus For Automated Signal Integrity Checking Based On Storage Device Functionality	10/199138	7/19/02	0015737	1/22/04		
10020175	01	US	Published	Method And Apparatus For Automated Signal Integrity Checking	10/199635	7/19/02	0015338	1/22/04		
10020185	01	US	Granted	Integrated Circuit That Provides Access To An Output Node Of A Filter Having An Adjustable Bandwidth	10/273496	10/18/02	0076360	4/22/04	6879216	4/12/05
10020187	01	US	Granted	Intensity Flattener For Optical Mouse Sensors	10/291000	11/8/02	0090420	5/13/04	6819314	11/16/04
10020197	01	US	Granted	Selectable Single Mode Or Differential Mode Operation In A Single Amplifier	10/267434	10/9/02			6664851	12/16/03
10020197	02	US	Granted	Selectable Single Mode Or Differential Mode Operation In A Single Amplifier	10/670546	9/25/03	0070451	4/15/04	6819178	11/16/04
10020200	01	US	Granted	Systems And Methods For Wavelength Conversion Using Photonic Bandgap Shifting	10/349797	1/23/03	0146243	7/29/04	6906853	6/14/05
10020201	01	US	Granted	Optically-Controlled Switch And Optically-Controlled Optical Switching Method Using Dispersion Curve Shifting	10/313358	12/6/02	0109632	6/10/04	6934437	8/23/05
10020223	01	US	Published	Customizing Traveling Wave Optical Modulators	10/446037	5/27/03	0240789	12/2/04		
10020232	01	US	Published	Digital Optical Sourcing And Methods Of Operating A Digital Optical Source	10/173056	6/17/02	0231677	12/18/03		
10020232	02	EP	Published	Digital Optical Sourcing And Methods Of Operating A Digital Optical Source	03005630.3	3/12/03	1376788	11/10/04		
10020234	01	US	Published	Fiber-Optic Connector For Releasably Coupling An Optical Fiber To An Optoelectronic Device And Related Method	10/307176	11/29/02	0105626	6/3/04		
10020242	01	US	Granted	A Longitudinal Mode Solid Slug Optical Latching Relay	10/412858	4/14/03			6803842	10/12/04
10020242	02	JP	Published	A Longitudinal Mode Solid Slug Optical Latching Relay	P2004-116453	4/12/04	2004318147	11/11/04		
10020253	01	US	Published	Low Noise Feedback Cancellation Filter For Enhanced Common-Mode Rejection And Noise Immunity	10/286545	11/1/02	10/286545	5/6/04		
10020269	01	US	Granted	Moisture Passivated Planar Index-Guided VCSEL	10/341085	1/13/03			6819697	11/16/04
10020277	01	US	Pending	Wake-Up Detection Method And Apparatus Embodying The Same	10/360104	2/7/03				
10020277	02	JP	Published	Wake-Up Detection Method And Apparatus Embodying The Same	P2004-026593	2/3/04	2004240971	8/26/04		
10020277	03	CN	Published	Wake-Up Detection Method And Apparatus Embodying The Same	20031010346 1	11/3/03	CN1519682 A	8/11/04		
10020277	04	DE	Published	Wake-Up Detection Method And Apparatus Embodying The Same	10348561.9	10/20/03	10348561	9/2/04		
10020277	05	GB	Published	Wake-Up Detection Method And Apparatus Embodying The Same	0400683.9	1/13/04	2398138	8/11/04		

10020277	06	TW	Published	Wake-Up Detection Method And Apparatus Embodying The Same	92124455	9/4/03	200415499	8/16/04		
10020288	01	US	Published	Adaptive Transmit Equalizer	10/235357	9/5/02	0047409	3/11/04		
10020288	02	JP	Published	Adaptive Transmit Equalizer	P2003-311785	9/3/03	2004104781	4/2/04		
10020288	03	DE	Published	Adaptive Transmit Equalizer	10329661.1	7/1/03	10329661	3/18/04		
10020289	01	US	Granted	Device For Enhancing The Local Cooling Of Electronic Packages Subject To Laminar Air Flow	10/253961	9/24/02			6661666	12/9/03
10020290	01	US	Granted	Systems And Methods For Testing Integrated Circuits	10/369069	2/19/03			6707313	3/16/04
10020291	01	US	Granted	Error Detection System For A FIFO Memory	10/235060	9/5/02	0049726	3/11/04	6938201	8/30/05
10020291	02	JP	Published	Error Detection System For A FIFO Memory	P2003-295504	8/19/03	2004103005	4/2/04		
10020291	03	GB	Published	Error Detection System For A FIFO Memory	0320076.3	8/27/03	2394331	4/21/04		
10020298	01	US	Published	Method For Detecting And Correcting Defective Pixels In A Digital Image Sensor	10/246124	9/18/02	0051798	3/18/04		
10020298	02	JP	Published	Method For Detecting And Correcting Defective Pixels In A Digital Image Sensor	P2003-324172	9/17/03	2004112802	4/8/04		
10020298	03	EP	Published	Method For Detecting And Correcting Defective Pixels In A Digital Image Sensor	03010908.6	5/15/03	1401196	3/24/04		
10020331	01	US	Published	Compensating Jitter In Differential Data Signals	10/284216	10/30/02	0086069	5/6/04		
10020331	02	JP	Published	Compensating Jitter In Differential Data Signals	P2003-369852	10/30/03	2004166265	6/10/04		
10020331	03	DE	Published	Compensating Jitter In Differential Data Signals	10337044.7	8/12/03	10337044	5/19/04		
10020331	04	GB	Published	Compensating Jitter In Differential Data Signals	0325373.9	10/30/03	2394872	5/5/04		
10020332	01	US	Granted	Device Interconnects And Method Of Making The Same	10/199596	7/19/02	0012458	1/22/04	6737931	5/18/04
10020341	01	US	Published	Laser Having Active Region Formed Above Substrate And Method Of Forming Same	10/185268	6/27/02	0001521	1/1/04		
10020353	01	US	Granted	Optical Fiber Coupler Having A Relaxed Alignment Tolerance	10/210598	7/31/02	0022488	2/5/04	6956992	10/18/05
10020353	02	JP	Published	Optical Fiber Coupler Having A Relaxed Alignment Tolerance	P2003-273500	7/11/03	2004070339	3/4/04		
10020353	03	DE	Published	Optical Fiber Coupler Having A Relaxed Alignment Tolerance	10320152.1	5/6/03	10320152	2/26/04		
10020353	04	GB	Granted	Optical Fiber Coupler Having A Relaxed Alignment Tolerance	0317738.3	7/29/03	2392993	3/17/04	2392993	7/6/05
10020353	05	US	Pending	Optical Fiber Coupler Having A Relaxed Alignment Tolerance	11/155156	6/17/05				
10020356	01	US	Published	Method And Apparatus For Asynchronous Read Control	10/199184	7/19/02	0015666	1/22/04		
10020357	01	US	Published	Self Recovery Method And Apparatus In An Elastic FIFO	10/180675	6/26/02	0078665	4/22/04		
10020371	01	US	Granted	Preventing Hydrodynamic Crosstalk In An Optical Switch	10/241338	9/11/02	0047545	3/11/04	6876788	4/5/05
10020371	02	JP	Published	Preventing Hydrodynamic Crosstalk In An Optical Switch	P2003-316331	9/9/03	2004102289	4/2/04		
10020371	03	DE	Granted	Preventing Hydrodynamic Crosstalk In An Optical Switch	10324595.2	5/30/03	10324595	4/1/04	10324595	10/6/05
10020381	01	US	Granted	Small Facile Ergonomic Computer Mouse	10/133191	4/27/02	0160766	8/28/03	6795058	9/21/04
10020392	01	US	Published	Electro-Absorption Modulators	10/701722	11/4/03	0094914	5/5/05		
10020397	01	US	Published	Compact Image Pickup Module	10/330760	12/24/02	0119968	6/24/04		
10020398	01	US	Granted	Die Singulation Using Deep Silicon Etching	10/286729	11/1/02	0087059	5/6/04	6777267	8/17/04
10020402	01	US	Granted	Programmable Driver Method And Apparatus For High And Low Voltage Operation	10/256048	9/26/02	0061533	4/1/04	6741106	5/25/04
10020426	01	US	Granted	MEMS Varactor For Measuring RF Power	10/253383	9/23/02	0056668	3/25/04	6803774	10/12/04
10020431	01	US	Tracking	Methods Of Preventing Reduction Of IrOx During PZT Formation By Metalorganic Chemical Vapor Deposition Or Other Processing	10/036805	12/21/01	0119273	6/23/03	6596547	7/22/03
10020432	01	US	Tracking	Methods For Preventing Reduction Of IroX During PZT Formation By Metalorganic Chemical Vapor Deposition Or Other Processing	10/036827	12/21/01	0119251	6/26/03	6686236	2/3/04
10020433	01	US	Tracking	Methods For Preventing Reduction Of IrOX During PZT Formation By Metalorganic Vapor Deposition Or Other Processing.	10/036771	12/21/01				
10020435	01	US	Tracking	Methods For Preventing Reduction Of IroX During PZT Formation By Metalorganic Chemical Vapor Deposition Or Other Processing	10/036714	12/21/01	0119271	6/26/03	6635497	10/21/03
10020436	01	US	Granted	Process And System For Identifying Wires At Risk Of Electromigration	10/241623	9/11/02	0049750	3/11/04	6857113	2/15/05
10020443	01	US	Granted	Pluggable Electrical Transceiver Module With High Density Form Factor	10/214337	8/7/02	0029417	2/12/04	6705879	3/16/04

10020443	02	JP	Published	Pluggable Electrical Transceiver Module With High Density Form Factor	P2003-276752	7/18/03	2004087486	3/18/04		
10020447	02	JP	Published	High Value Resistors In Gallium Arsenide	P2003-368534	10/29/03	2004153275	5/27/04		
10020447	03	DE	Published	High Value Resistors In Gallium Arsenide	10337046.3	8/12/03	1033046	5/27/04		
10020449	01	US	Published	Multiple Protocol Handshaking Between Systems Background	10/205773	7/26/02	0019694	1/29/04		
10020455	01	US	Granted	Method And Apparatus For Hermeticity Determination And Leak Detection In Semiconductor Packaging	10/325356	12/19/02	00118187	6/24/04	6763702	7/20/04
10020476	01	US	Granted	Waveguides In Two Dimensional Slab Photonic Crystals With Noncircular Holes	10/192300	7/10/02	0008962	1/15/04	6728457	4/27/04
10020476	02	JP	Published	Waveguides In Two Dimensional Slab Photonic Crystals With Noncircular Holes	P2003-189235	7/1/03	2004046181	2/12/04		
10020476	03	EP	Published	Waveguides In Two Dimensional Slab Photonic Crystals With Noncircular Holes	03008293.7	4/9/03	1380861	6/29/05		
10020485	01	US	Granted	Dynamic Reference Voltage Calibration Integrated In Fe RAMS	10/442360	5/20/03			6804141	10/12/04
10020485	02	JP	Published	Dynamic Reference Voltage Calibration Integrated In Fe RAMS	P2004-150700	5/20/04	2004348953	12/9/04		
10020485	03	DE	Published	Dynamic Reference Voltage Calibration Integrated In Fe RAMS	1004003357.9	1/22/04	102004003357	12/30/04		
10020485	04	GB	Published	Dynamic Reference Voltage Calibration Integrated In Fe RAMS	0410112.7	5/6/04	2403079	12/22/04		
10020495	01	US	Granted	RF Peak-to-Peak Detector With Wide Dynamic Range	10/252923	9/23/02	0056720	3/25/04	6836187	12/28/04
10020495	02	GB	Granted	RF Peak-to-Peak Detector With Wide Dynamic Range	0322185.0	9/22/03	2395380	5/19/04	2395380	10/12/05
10020497	01	US	Published	Method And Structure For Coupling Light And Out Of An In-Plane Waveguide Through The Top And Bottom Surfaces Of Photonic Crystals	10/354796	1/29/03	0146242	7/29/04		
10020498	01	US	Granted	Method And Structures For Stub Tunable Resonant Cavity For Photonic Crystals	10/284857	10/31/02	0085608	5/6/04	6747773	6/8/04
10020498	02	JP	Published	Method And Structure For Stub Tunable Resonant Cavity For Photonic Crystals	P2003-366984	10/28/03	2004151722	5/27/04		
10020498	03	CN	Published	Method And Structure For Stub Tunable Resonant Cavity For Photonic Crystals	03149502.8	7/14/03	CM 1493897	5/5/04		
10020500	01	US	Published	Laser Employing A Zinc-Doped Tunnel-Junction	10/367200	2/13/03	0161013	8/19/04		
10020500	02	JP	Published	Laser Employing A Zinc-Doped Tunnel Junction	P2004-032862	2/10/04	2004247728	9/2/04		
10020500	03	EP	Published	Laser Employing A Zinc-Doped Tunnel-Junction	03024449.5	10/23/03	1447892	8/18/04		
10020508	01	US	Granted	Method For Fabricating Active Layers In A Laser Utilizing InP-Based Active Regions	10/373331	2/24/03	0165631	8/26/04	6876686	4/5/05
10020512	01	US	Granted	Current Model Logic Family With Bias Current Compensation	10/233715	9/3/02	0041593	3/4/04	6762624	7/13/04
10020512	02	JP	Published	Current Model Logic Family With Bias Current Compensation	P2003-299973	8/25/03	2004096750	3/25/04		
10020512	03	GB	Published	Current Model Logic Family With Bias Current Compensation	0320078.9	8/27/03	2393596	3/31/04		
10020520	01	US	Granted	Process And System For Repeater Insertion In An IC Design	10/164222	6/5/02	0229878	12/11/03	6832362	12/14/04
10020526	01	US	Published	Sampling Image Signals Generated By Pixel Circuits Of An Active Pixel Sensor (APS) Image Sensor In A Sub-Sampling Mode.	10/295597	11/15/02	0095494	5/20/04		
10020526	02	JP	Published	Sampling Image Signals Generated By Pixel Circuits Of An Active Pixel Sensor (APS) Image Sensor In A Sub-Sampling Mode.	P2003-383429	11/13/03	2004173269	6/17/04		
10020526	03	GB	Published	Sampling Image Signals Generated By Pixel Circuits Of An Active Pixel Sensor (APS) Image Sensor In A Sub-Sampling Mode.	0326497.5	11/13/03	2396509	6/23/04		
10020526	04	DE	Published	Sampling Image Signals Generated By Pixel Circuits Of An Active Pixel Sensor (APS) Image Sensor In A Sub-Sampling Mode.	10338700.5	8/22/03	10338700	6/3/04		
10020552	01	US	Granted	Fiber-to-Fiber Coupling Using Interference To Minimize Power Loss	10/351175	1/24/03	0146249	7/29/04	6883972	4/26/05
10020552	02	GB	Published	Fiber-to-Fiber Coupling Using Interference To Minimize Power Loss	0400160.8	1/6/04	2397658	7/28/04		
10020557	01	US	Pending	System And Methods Of Recovering A Clock From NRZ Data	10/411996	4/11/03				
10020558	01	US	Pending	Magnetron With Adjustable Target Positioning	10/371862	2/21/03				
10020563	01	US	Published	Systems And Methods For Recovering A Clock From Optical Data	10/412374	4/11/03	0202481	10/14/04		

10020573	01	US	Granted	Method And Apparatus For Shortening Read Operations In Destructive Read Memories	10/356443	1/30/03			6724645	4/20/04
10020573	02	JP	Published	Method And Apparatus For Shortening Read Operations In Destructive Read Memories	P2004-011569	1/20/04	2004234827	8/19/04		
10020573	04	KR	Pending	Method And Apparatus For Shortening Read Operations In Destructive Read Memories	2004-0005721	1/29/04				
10020590	01	US	Published	Wavelength Selective Switching Device And Method For Slecctively Transmitting Optical Signals Based On Wavelength	10/680647	10/7/03	0073749	4/7/05		
10020590	02	JP	Published	Wavelength Selective Switching Device And Method For Slecctively Transmitting Optical Signals Based On Wavelength	P2004-290877	10/4/04	2005115377	4/28/05		
10020590	03	EP	Published	Wavelength Selective Switching Device And Method For Slecctively Transmitting Optical Signals Based On Wavelength	04011419.1	5/13/04	1522312	4/13/05		
10020590	04	US	Pending	Wavelength Selective Switching Device And Method For Slecctively Transmitting Optical Signals Based On Wavelength	11/255502	10/21/05				
10020599	01	US	Granted	An Integrated Filter And Impedance Matching Network	10/242246	9/12/02	0051601	3/18/04	6879224	4/12/05
10020599	02	JP	Published	AN INTEGRATED FILTER AND IMPEDANCE MATCHING NETWORK	P2003-316332	9/9/03	2004104799	4/2/04		
10020599	03	GB	Granted	AN INTEGRATED FILTER AND IMPEDANCE MATCHING NETWORK	0321220.6	9/10/03	2393054	3/17/04	2393054	9/28/05
10020616	01	US	Granted	Acoustic Resonator Devices Having Multiple Resonant Frequencies And Methods Of Making The Same	10/436404	5/12/03	0227590	11/18/04	6927651	8/9/05
10020622	01	US	Granted	Method For Determining Whether Two Rectangles Of An Electronic Circuit Structure Overlap	10/283776	10/29/02	0080519	4/29/04	6914617	7/5/05
10020624	01	US	Granted	Stacked Level-Shifter Method And Apparatus	10/338470	1/8/03			6696878	2/24/04
10020625	01	US	Published	Stacked FET Receiver Method And Apparatus	10/310419	12/5/02	0110480	6/10/04		
10020628	01	US	Granted	Apparatus And Method For Controlling Movement Of A Device After Packaging	10/232483	8/30/02	0041010	3/4/04	6860419	3/1/05
10020628	02	JP	Published	Apparatus And Method For Controlling Movement Of A Device After Packaging	P2003-305660	8/29/03	2004096110	3/25/04		
10020628	03	EP	Published	Apparatus And Method For Controlling Movement Of A Device After Packaging	03010841.9	5/14/03	03010841.9	9/7/05		
10020629	01	US	Published	Apparatus And Method For Sequencing A Contaminant By Use Of An Exothermally Reactive Structure	10/232489	8/30/02	0040578	3/4/04		
10020629	02	JP	Published	Apparatus And Method For Sequencing A Contaminant By Use Of An Exothermally Reactive Structure	P2003-305661	8/29/03	2004096111	3/25/04		
10020629	03	EP	Published	Apparatus And Method For Sequencing A Contaminant By Use Of An Exothermally Reactive Structure	03010840.1	5/14/03	1394854	3/3/04		
10020630	01	US	Published	Systems And Methods For Testing Tri-State Bus Drivers	10/327517	12/20/02	0123194	6/24/04		
10020645	01	US	Granted	Method Facilitating Inter-Mode Handoff	10/242226	9/12/02	0052272	3/18/04	6774857	8/10/04
10020645	02	GB	Published	Method Facilitating Inter-Mode Handoff	0321221.4	9/10/03	2393362	3/24/04		
10020646	01	US	Granted	Dual-Mode RF Communication Device	10/301987	11/22/02	0102172	5/27/04	6952594	10/4/05
10020646	02	GB	Published	Dual-Mode RF Communication Device	0323830.0	10/10/03	2396531	6/23/04		
10020683	01	US	Pending	Imaging System And Apparatus For Combining Finger Recognition And Finger Navigation	10/419226	4/18/03				
10020683	02	JP	Published	Imaging System And Apparatus For Combining Finger Recognition And Finger Navigation	P2004-121365	4/16/04	2004318890	11/11/04		
10020683	03	GB	Published	Imaging System And Apparatus For Combining Finger Recognition And Finger Navigation	0404678.5	3/2/04	2400713	10/20/04		
10020684	01	US	Pending	System And Method For Multiplexing Illumination In Combined Finger Recognition And Finger Navigation Module	10/418968	4/18/03				
10020684	02	JP	Published	System And Method For Multiplexing Illumination In Combined Finger Recognition And Finger Navigation Module	P2004-121381	4/16/04	2004318891	11/11/04		
10020684	03	GB	Published	System And Method For Multiplexing Illumination In Combined Finger Recognition And Finger Navigation Module	0404680.1	3/2/04	2400715	10/20/04		
10020685	01	US	Pending	System And Method For Time-Space Multiplexing In Finger-Imaging Applications	10/418981	4/18/03				
10020685	02	JP	Published	System And Method For Time-Space Multiplexing In Finger-Imaging Applications	P2004-121388	4/16/04	2004318892	11/11/04		
10020685	03	GB	Published	System And Method For Time-Space Multiplexing In Finger-Imaging Applications	0404679.3	3/2/04	2400714	10/20/04		

10020721	01	US	Granted	Transmission Line Balun With Parasitic Mode Termination	10/455272	6/4/03	0246066	12/9/04	6831616	12/14/04
10020731	01	US	Pending	Cursor Motion Control Of Pointing Device	10/994692	11/22/04				
10020737	01	US	Granted	Optical Switch With Static Bubble	10/288675	11/5/02			6707592	3/16/04
10020738	01	US	Published	Optical Switch With Low Pressure Bubble	10/786213	2/25/04	0185883	8/25/05		
10020738	02	GB	Published	Optical Switch With Low Pressure Bubble	0501950.0	1/31/05	2411487	8/31/05		
10020744	01	US	Pending	Resonant Coupling Of Optical Signals For Out-Of-Plane Transmission That Includes Output Beam Modification	10/948641	9/23/04				
10020744	02	JP	Pending	Resonant Coupling Of Optical Signals For Out-Of-Plane Transmission That Includes Output Beam Modification	P2005-268638	9/15/05				
10020744	03	CN	Pending	Resonant Coupling Of Optical Signals For Out-Of-Plane Transmission That Includes Output Beam Modification	20051010585.6	9/23/05				
10020744	04	FR	Unfiled	Resonant Coupling Of Optical Signals For Out-Of-Plane Transmission That Includes Output Beam Modification						
10020745	01	US	Pending	Optoelectronic Device Packaging Assemblies And Methods Of Making The Same	10/386185	3/10/03				
10020745	02	JP	Published	Optoelectronic Device Packaging Assemblies And Methods Of Making The Same	P2004-065215	3/9/04	2004274064	9/30/04		
10020745	03	GB	Published	Optoelectronic Device Packaging Assemblies And Methods Of Making The Same	0403647.1	2/18/04	2400726	10/20/04		
10020745	04	US	Pending	Optoelectronic Device Packaging Assemblies And Methods Of Making The Same	11/202596	8/11/05				
10020746	01	US	Published	Soft Metal Heat Transfer For Transceivers	10/732994	12/10/03	0129074	6/16/05		
10020747	01	US	Granted	Fiber Optic Connectors And Methods Of Making The Same	10/393809	3/21/03			6908232	6/21/05
10020747	02	JP	Published	Fiber Optic Connectors And Methods Of Making The Same	P2004-074103	3/16/04	2004287432	10/14/04		
10020747	03	GB	Published	Fiber Optic Connectors And Methods Of Making The Same	0404843.5	3/3/04	2399893	9/29/04		
10020750	01	US	Granted	Wafer-Scale Manufacturing Method	10/402721	3/28/03			6921676	7/26/05
10020750	02	JP	Published	Wafer-Scale Manufacturing Method	P2004-058701	3/3/04	2004304165	10/28/04		
10020751	01	US	Published	System And Method For Optically Detecting A Click Event	10/440709	5/19/03	0234107	11/25/04		
10020751	02	JP	Published	System And Method For Optically Detecting A Click Event	P2004-149239	5/19/04	2004348739	12/9/04		
10020751	03	GB	Published	System And Method For Optically Detecting A Click Event	0409802.6	4/30/04	2402460	12/8/04		
10020754	01	US	Pending	Integrated Circuit Routing Resource Optimization Algorithm For Random Port Ordering	10/355775	1/31/03				
10020754	02	US	Pending	Integrated Circuit Routing Resource Optimization Algorithm For Random Port Orderin	11/188925	7/25/05				
10020760	01	US	Granted	Latching Bubble For Fluid-Based Optical Switch	10/266307	10/7/02	0067012	4/8/04	6904192	6/7/05
10020760	02	JP	Published	Latching Bubble For Fluid-Based Optical Switch	P2003-338022	9/29/03	2004133449	4/30/04		
10020760	03	DE	Published	Latching Bubble For Fluid-Based Optical Switch	10326081.1	6/10/03	10326081	4/22/04		
10020761	01	US	Granted	Bistable Thermopneumatic Optical Switch	10/417024	4/15/03			6895139	5/17/05
10020769	01	US	Granted	Technique For Improved Linearity Of High-Precision, Low-Current Digital-To-Analog Converters	10/338235	1/8/03			6703956	3/9/04
10020774	01	US	Published	Method And System For Changing The Cross-Sectional Profile Of A Beam Of Light	10/705141	11/10/03	0099667	5/12/05		
10020790	01	US	Published	Systems And Methods For Correcting Gain Error Due To Transition Density Variation In Clock Recovery Systems	10/328298	12/23/02	0120441	6/24/04		
10020790	02	JP	Published	Systems And Methods For Correcting Gain Error Due To Transition Density Variation In Clock Recovery Systems	P2003-416490	12/15/03	2004208298	7/22/04		
10020790	03	EP	Published	Systems And Methods For Correcting Gain Error Due To Transition Density Variation In Clock Recovery Systems	03018877.5	8/19/03	1434350	6/30/04		
10020790	04	CN	Published	Systems And Methods For Correcting Gain Due To Transition Density Variation In Clock Recovery Systems	0310101748.2	10/22/03	1510838A	7/7/04		
10020796	01	US	Published	Event Management System	10/259534	9/27/02	0205773	10/14/04		
10020796	02	GB	Published	Event Management System	0321456.6	9/12/03	2395033	5/12/04		
10020796	03	GB	Published	Event Management System	0507102.2	4/7/05	2410105	7/20/05		

10020798	01	US	Granted	Light -Emitting Device Having Element(s) For Increasing The Effective Carrier Capture Cross-Section Of Quantum Wells	10/418408	4/17/03			6878970	4/12/05
10020798	02	JP	Published	Light Emitting Device Having Element(s) For Increasing The Effective Carrier Capture Cross-Section Of Quantum Wells	P2004-122519	4/19/04	2004320038	11/11/04		
10020800	01	US	Published	Optical Conduit For Channeling Light Onto A Surface	10/618317	7/11/03	0007346	1/13/05		
10020800	02	JP	Pending	Optical Conduit For Channeling Light Onto A Surface	P2004-196614	7/2/04				
10020800	03	DE	Published	Optical Conduit For Channeling Light Onto A Surface	10200401198 7.2	3/11/04	1020040119 87	2/10/05		
10020800	04	KR	Pending	Optical Conduit For Channeling Light Onto A Surface	2004-0053243	7/9/04				
10020801	01	US	Granted	Method For Controlling Piezoelectric Coupling Coefficient In Film Bulk Acoustic Resonators And Apparatus Embodying The Method	10/457737	6/9/03	0246075	12/9/04	6954121	10/11/05
10020801	02	JP	Published	Method For Controlling Piezoelectric Coupling Coefficient In Film Bulk Acoustic Resonators And Apparatus Embodying The Method	P2004-163215	6/1/04	2005006304	1/6/05		
10020801	03	GB	Published	Method For Controlling Piezoelectric Coupling Coefficient In Film Bulk Acoustic Resonators And Apparatus Embodying The Method	0411552.3	5/24/04	2403064	12/22/04		
10020814	01	US	Pending	A Method And Apparatus For Distributed Analyses Of Images	11/011073	12/15/04				
10020814	02	JP	Unfiled	A Method And Apparatus For Distributed Analyses Of Images						
10020814	03	DE	Pending	A Method And Apparatus For Distributed Analyses Of Images	10200504507 7.6	9/21/05				
10020814	04	GB	Unfiled	A Method And Apparatus For Distributed Analyses Of Images						
10020832	01	US	Published	Low-Pass Filter Transmission Line With Integral Electro Absorption Modulator	10/642931	8/18/03	0058385	3/17/05		
10020832	02	JP	Published	Low-Pass Filter Transmission Line With Integral Electro Absorption Modulator	P2004-220019	7/28/04	2005062855	3/10/05		
10020832	03	EP	Published	Low-Pass Filter Transmission Line With Integral Electro Absorption Modulator	04010855.7	5/6/04	1508831	2/23/05		
10020834	01	US	Published	CMOS Stereo Imaging System And Method	10/682708	10/9/03	0077450	4/14/05		
10020842	01	US	Pending	System And Method For Improved Accuracy Of Standard Cell Timing Models	10/421522	4/22/03				
10020843	01	US	Published	Bus Interface For Optical Transceiver Devices	10/732936	12/10/03	0138217	6/23/05		
10020845	01	US	Published	A Method And Apparatus To Check The Integrity Of Scan Chain Connectivity By Traversing The Test Logic Of The Device	10/300513	11/20/02	0098646	5/20/04		
10020853	01	US	Pending	System And Method For Detecting And Correcting Defective Pixels In A Digital Image Sensor	11/007979	12/9/04				
10020853	02	JP	Unfiled	System And Method For Detecting And Correcting Defective Pixels In A Digital Image Sensor						
10020853	03	CN	Pending	System And Method For Detecting And Correcting Defective Pixels In A Digital Image Sensor	20051010326 8.9	9/20/05				
10020853	04	GB	Unfiled	System And Method For Detecting And Correcting Defective Pixels In A Digital Image Sensor						
10020853	05	KR	Unfiled	System And Method For Detecting And Correcting Defective Pixels In A Digital Image Sensor						
10020853	06	TW	Pending	System And Method For Detecting And Correcting Defective Pixels In A Digital Image Sensor	94125108	7/25/05				
10020857	01	US	Published	Device And Method For Emitting Light With Increased Brightness Using Diffractive Grating Pattern	10/638716	8/11/03	0036319	2/17/05		
10020858	01	US	Granted	Miniature Refractive Element And Method For Making The Same	10/648554	8/25/03	0046956	3/3/05	6947223	9/20/05
10020869	01	US	Pending	Detecting An Eye Of A User And Determining Location And Blinking State Of The User	11/028151	1/4/05				
10020869	02	JP	Unfiled	Detecting An Eye Of A User And Determining Location And Blinking State Of The User						
10020869	03	DE	Pending	Detecting An Eye Of A User And Determining Location And Blinking State Of The User	10200504796 7.7	10/6/05				
10020871	01	US	Published	Fingerprint Verification Device	10/338268	1/7/03	0131237	7/8/04		
10020872	01	US	Granted	Converging Air Lens Structure	10/302011	11/21/02	0100701	5/27/04	6785061	8/31/04
10020876	01	US	Granted	High-speed Channel Selector Switch	10/627317	7/24/03	0016823	1/27/05	6933628	8/23/05

10020876	02	JP	Pending	High Speed Channel Selector Switch	P2004-209994	7/16/04					
10020876	03	EP	Published	High Speed Channel Selector Switch	04008248.9	4/5/04	1500943	1/26/05			
10020876	04	CN	Published	High Speed Channel Selector Switch	20041006247 7.9	7/8/04	CN1578534 A	2/9/05			
10020878	01	US	Pending	High Thermal Conductivity Vertical Cavity Surface Emitting Laser (VCSEL)	10/862753	6/7/04					
10020878	02	JP	Pending	High Thermal Conductivity Vertical Cavity Surface Emitting Laser (VCSEL)	P2005-166540	6/7/05					
10020878	03	CN	Pending	High Thermal Conductivity Vertical Cavity Surface Emitting Laser (VCSEL)	20051007521 6.5	6/7/05					
10020878	04	DE	Pending	High Thermal Conductivity Vertical Cavity Surface Emitting Laser (VCSEL)	10200501093 3.0	3/9/05					
10020884	01	US	Pending	System And Method For Focusing A Digital Camera	10/989615	11/16/04					
10020884	02	JP	Unfiled	System And Method For Focusing A Digital Camera							
10020884	03	GB	Unfiled	System And Method For Focusing A Digital Camera							
10020886	01	US	Granted	Phase Detector Having Improved Timing Margins	10/268196	10/9/02			6686777	2/3/04	
10020886	02	JP	Published	Phase Detector Having Improved Timing Margins	P2003-323294	9/16/03	2004135318	4/30/04			
10020886	03	EP	Published	Phase Detector Having Improved Timing Margins	03011844.2	5/26/03	1408643	4/14/04			
10020886	04	CN	Published	Phase Detector Having Improved Timing Margins	03145997.8	7/18/03	CN1488947 A	4/14/04			
10020886	05	HK	Registered	Phase Detector Having Improved Timing Margins	04107170.3	9/17/04					
10020887	01	US	Pending	VCSEL Array Configuration For A Parallel WDM Transmitter	10/427671	4/30/03					
10020887	02	EP	Published	VCSEL Array Configuration For A Parallel WDM Transmitter	03029344.3	12/18/03	1473579	11/3/04			
10020888	01	US	Pending	Apparatus And Method For A Filterless Parallel WDM Multiplexer	10/428199	4/30/03					
10020888	02	EP	Published	Apparatus And Method For A Filterless Parallel WDM Multiplexer	03029345.0	12/18/03	1473580	11/3/04			
10020889	01	US	Granted	Parallel Multiwave Length Optical Subassembly	10/754131	1/9/04	0152640	7/14/05	6937786	8/30/05	
10020889	02	EP	Published	Parallel Multiwavelength Subassembly	04019426.8	8/16/04	1553433	7/13/05			
10020894	01	US	Pending	GaAs-Based Long-Wavelength Laser Incorporating Tunnel Junction Structure	10/427585	4/30/03					
10020894	02	JP	Published	GaAs-Based Long Wavelength Laser Incorporating Tunnel Junction Structure	P2004-133673	4/28/04	2004336039	11/25/04			
10020896	02	JP	Published	Controlled Dry Etch Of A Film	P2004-225216	8/2/04	2005057287	3/3/05			
10020896	03	GB	Published	Controlled Dry Etch Of A Film	0417098.1	7/30/04	2404786	2/9/05			
10020896	04	US	Published	Controlled Dry Etch Of A Film	11/044393	1/26/05	0130409	6/16/05			
10020902	01	US	Granted	Achromatic Optical Switching/routing Systems	10/444797	5/23/03			6795601	9/21/04	
10020903	01	US	Granted	Compact Optical Switches	10/675277	9/30/03	0069245	3/31/05	6947627	9/20/05	
10020907	01	US	Published	Wavelength Selective Switching And/or Routing System	10/700828	11/4/03	0094930	5/5/05			
10020908	01	US	Published	Methods And Systems For Chromatic Dispersion Compensation In Switched Grating WDM Devices	10/717326	11/18/03	0105851	5/19/05			
10020909	01	US	Granted	Compact Wavelength Selective Switching And/or Routing System	10/719112	11/21/03	0111076	5/26/05	6947204	9/20/05	
10020915	01	US	Published	Semiconductor Laser Having High Frequency, Large Signal Response At Reduced Operating Current	10/423503	4/25/03	0213312	10/28/04			
10020915	02	JP	Published	Semiconductor Laser Having Improved High Frequency Large Signal Response At Reduced Operating Current	P2004-124357	4/20/04	2004327992	11/18/04			
10020919	01	US	Published	Optical Cable With Integrated Electrical Connector	10/603714	6/25/03	0264879	12/30/04			
10020919	02	JP	Published	Optical Cable With Integrated Electrical Connector	P2004-184649	6/23/04	2005049836	2/24/05			
10020919	03	GB	Published	Optical Cable With Integrated Electrical Connector	0411923.6	5/27/04	2403301	12/29/04			
10020946	01	US	Granted	Integrated Circuit Package Employing Flip-Chip Technology And Method Of Assembly	10/199441	7/18/02			6659512	12/9/03	
10020946	02	US	Pending	Integrated Circuit Package Employing Flip-Chip Technology And Method Of Assembly	10/636993	8/6/03					
10020946	03	US	Pending	Integrated Circuit Package Employing Flip-Chip Technology And Method Of Assembly	10/677078	9/30/03					
10020947	01	US	Granted	Slab Optical Multiplexer	10/461057	6/13/03			6768834	7/27/04	
10020990	01	US	Pending	CMOS Image Sensor With Active Reset And 4-transistor Pixels	10/413892	4/14/03					
10020990	02	JP	Published	CMOS Image Sensor With Active Reset And 4-transistor Pixels	P2004-115460	4/9/04	2004320760	11/11/04			

10020990	03	DE	Published	CMOS Image Sensor With Active Reset And 4-transistor Pixels	10355589.7	11/18/03	10355589	11/11/04		
10020990	04	GB	Published	CMOS Image Sensor With Active Reset And 4-transistor Pixels	0405759.2	3/15/04	2400767	10/20/04		
10020995	01	US	Granted	Optical Pulse Stretcher For Converting RZ Optical Data To NRZ Optical Data For A Low Jitter NRZ Transmitter	10/325198	12/18/02	0120627	6/24/04	6920262	7/19/05
10020995	02	JP	Published	Optical Pulse Stretcher For Converting RZ Optical Data To NRZ Optical Data For A Low Jitter NRZ Transmitter	P2003-420254	12/18/03	2004201327	7/15/04		
10020995	03	CN	Unfiled	Optical Pulse Stretcher For Converting RZ Optical Data To NRZ Optical Data For A Low Jitter NRZ Transmitter						
10020996	01	US	Published	Electroabsorption Modulator	10/453376	6/2/03	0240025	12/2/04		
10021000	01	US	Pending	Method And Apparatus For Optimizing Image Sensor Noise And Dynamic Range	10/427318	4/30/03				
10021000	02	JP	Published	Method And Apparatus For Optimizing Image Sensor Noise And Dynamic Range	P2004-129330	4/26/04	2004336747	11/25/04		
10021000	03	GB	Published	Method And Apparatus For Optimizing Image Sensor Noise And Dynamic Range	0406232.9	3/19/04	2401274	11/3/04		
10021000	04	DE	Published	Method And Apparatus For Optimizing Image Sensor Noise And Dynamic Range	10357241.4	12/8/03	10357241	12/2/04		
10021001	01	US	Published	Compact Pixel Reset Circuits Using Reversed Current Readout	10/406698	4/2/03	0196397	10/7/04		
10021001	02	JP	Published	Compact Pixel Reset Circuits Using Reversed Current Readout	P2004-094176	3/29/04	2004312724	11/4/04		
10021001	03	DE	Published	Compact Pixel Reset Circuits Using Reversed Current Readout	10360990.3	12/23/03	10360990	11/4/04		
10021001	04	GB	Published	Compact Pixel Reset Circuits Using Reversed Current Readout	0403726.3	2/19/04	2400173	10/6/04		
10021030	01	US	Published	Camera Module With Focus Adjustment Structure And Methods Of Making The Same	10/615622	7/8/03	0007485	1/13/05		
10021040	01	US	Published	Finger Navigation System Using Captive Surface Feedback To Users Of Optical Navigation Devices On Non-navigable Surfaces	10/651589	8/29/03	0057523	3/17/05		
10021046	01	US	Published	Finger Navigation System Using Captive Surface Feedback To Users Of Optical Navigation Devices On Non-navigable Surfaces	10/449783	5/30/03	0239630	12/2/04		
10021058	01	US	Published	A Method For Determining The Impact On Test Coverage Of Scan Chain Parallelization By Analysis Of A Test Set For Independently Accessible Flip-flops	10/401844	3/28/03	0204895	10/14/04		
10021074	01	US	Granted	Folded Flex Circuit Interconnect Having A Grid Array Interface	10/623304	7/18/03	00121199	1/20/05	6879032	4/12/05
10021074	02	JP	Published	Folded Flex Circuit Interconnect Having A Grid Array Interface	P2004-206009	7/13/04	2005045240	2/17/05		
10021074	03	EP	Published	Folded Flex Circuit Interconnect Having A Grid Array Interface	04003177.5	2/12/04	1499167	10/12/05		
10021074	04	CN	Published	Folded Flex Circuit Interconnect Having A Grid Array Interface	20041000862.4.4	3/12/04	CN1577993A	2/9/05		
10021074	05	TW	Published	Folded Flex Circuit Interconnect Having A Grid Array Interface	93106024	3/8/04	200504965	2/1/05		
10021079	01	US	Published	Imaging Lens For Multi-Channel Free-Space Optical Interconnects	10/733012	12/10/03	0129407	6/16/05		
10021083	01	US	Published	Imaging Surveillance System And Method For Event Detection In Low Illumination	10/720411	11/24/03	0111696	5/26/05		
10021085	01	US	Pending	Non-Active Waveguides On Planar Lightwave Circuits	10/406512	4/2/03				
10021101	01	US	Granted	A Packaging Methodology For Duplexers Using FBARS	10/243144	9/13/02	0011446	1/16/03	6838956	1/4/05
10021111	01	US	Granted	Passivation Scheme For Oxide Vertical Cavity Surface-Emitting Laser	10/361092	2/6/03			6862309	3/1/05
10021111	02	JP	Published	Passivation Scheme For Oxide Vertical Cavity Surface-Emitting Laser	P2004-026581	2/3/04	2004241777	8/26/04		
10021111	03	GB	Published	Passivation Scheme For Oxide Vertical Cavity Surface-Emitting Laser	0400506.2	1/9/04	2399221	9/8/04		
10021112	01	US	Pending	Detecting Pinholes In Vertical Cavity Surface-Emitting Laser Passivation	10/387621	3/12/03				
10021112	02	US	Published	Detecting Pinholes In Vertical Cavity Surface-Emitting Laser Passivation	11/096397	3/31/05	0175051	8/11/05		

10021114	01	US	Published	Via Placement For Layer Transitions In Flexible Circuits With High Density Ball Grid Arrays	10/669982	9/23/03	0061545	3/24/05		
10021114	02	JP	Published	VIA Placement For Layer Transmissions In Flexible Circuits With High Density Ball Grid Arrays	P2004-274729	9/22/04	2005101612	4/14/05		
10021114	03	EP	Published	VIA Placement For Layer Transmissions In Flexible Circuits With High Density Ball Grid Arrays	04010830.0	5/6/04	1519413	3/30/05		
10021114	04	SG	Pending	VIA Placement For Layer Transmissions In Flexible Circuits With High Density Ball Grid Arrays	200404945-8	9/6/04				
10021136	01	US	Published	Reducing Image Sensor Lag	10/615522	7/8/03	0007473	1/13/05		
10021137	01	US	Granted	A System For Sequencing A First Node Voltage And A Second Node Voltage	10/404269	4/1/03	0196011	10/7/04	6909204	6/21/05
10021137	02	JP	Published	A System For Sequencing A First Node Voltage And A Second Node Voltage	P2004-090866	3/26/04	2004310760	11/4/04		
10021137	03	DE	Published	A System For Sequencing A First Node Voltage And A Second Node Voltage	1004002721.8	1/19/04	102004002721	10/28/04		
10021137	04	GB	Published	A System For Sequencing A First Node Voltage And A Second Node Voltage	0405029.0	3/5/04	2400507	10/13/04		
10021141	01	US	Pending	Integrated Circuit With Test Signal Routing Module	10/373388	2/24/03				
10021144	01	US	Pending	Passive Measurement Platform	10/407517	4/4/03				
10021144	02	JP	Published	Passive Measurement Platform	P2004-105111	3/31/04	2004312734	11/4/04		
10021144	03	DE	Published	Passive Measurement Platform	10001657.7	1/12/04	102004001657	11/4/04		
10021148	02	JP	Published	A Method Of Field Upgradeable Boot Code	P2003-422115	12/19/03	2004206715	7/22/04		
10021149	01	US	Pending	Modifying A Semiconductor Device To Provide Electrical Parameter Monitoring	10/379178	3/4/03				
10021149	02	JP	Published	Modifying A Semiconductor Device To Provide Electrical Parameter Monitoring	P2004-049337	2/25/04	2004274045	9/30/04		
10021149	03	DE	Published	Modifying A Semiconductor Device To Provide Electrical Parameter Monitoring	10358298.3	12/12/03	10358298	9/30/04		
10021149	04	GB	Published	Modifying A Semiconductor Device To Provide Electrical Parameter Monitoring	0403160.5	2/12/04	2400491	10/13/04		
10021149	05	US	Published	Modifying A Semiconductor Device To Provide Electrical Parameter Monitoring	11/154872	6/16/05	0230792	10/20/05		
10021152	01	US	Published	Method And Apparatus For Volume Control	10/635073	8/6/03	0031142	2/10/05		
10021152	02	JP	Published	Method And Apparatus For Volume Control	P2004-226334	8/3/04	2005057770	3/3/05		
10021152	03	DE	Published	Method And Apparatus For Volume Control	102004014158.4	3/23/04	102004014158	3/10/05		
10021152	04	GB	Published	Method And Apparatus For Volume Control	0415982.8	7/16/04	2404813	2/9/05		
10021154	01	US	Published	Device & Method For Digitizing A Serialized Scanner Output Signal	10/630506	7/29/03	0023350	2/3/05		
10021154	02	JP	Pending	Device & Method For Digitizing A Serialized Scanner Output Signal	P2004-211476	7/20/04				
10021154	03	DE	Published	Device & Method For Digitizing A Serialized Scanner Output Signal	1004012016.1	3/11/04	102004012016	3/3/05		
10021154	04	GB	Published	Device & Method For Digitizing A Serialized Scanner Output Signal	0414307.9	6/25/04	2404514	2/2/05		
10021164	01	US	Granted	Circuit For Controlling The Performance Of An Integrated Circuit	10/611131	6/30/03	0263212	12/30/04	6930521	8/16/05
10021168	01	US	Granted	Control And Calibration Of Laser Systems	10/339946	1/10/03			6922421	7/26/05
10021168	02	JP	Published	Control And Calibration Of Laser Systems	P2004-003927	1/9/04	2004211587	8/5/04		
10021168	03	GB	Published	Control And Calibration Of Laser Systems	0329638.1	12/22/03	2397170	7/14/04		
10021169	01	US	Granted	Calibration Of Laser Systems	10/340174	1/10/03			6891866	5/10/05
10021169	02	JP	Published	Calibration Of Laser Systems	P2004-006074	1/13/04	2004221592	8/5/04		
10021169	03	GB	Published	Calibration Of Laser Systems	0329651.4	12/22/03	2397689	7/28/04		
10021169	04	US	Published	Calibration Of Laser Systems	11/044399	1/26/05	0190804	9/1/05		
10021169	05	US	Pending	Calibration Of Laser Systems	11/205334	8/16/05				
10021170	01	US	Pending	Loss Of Signal Detection And Programmable Behavior After Error Detection	10/340173	1/10/03				
10021170	02	JP	Published	Loss Of Signal Detection And Programmable Behavior After Error Detection	P2004-006075	1/13/04	2004222291	8/5/04		
10021170	03	GB	Published	Loss Of Signal Detection And Programmable Behavior After Error Detection	0329631.6	12/22/03	2398686	8/24/04		
10021181	01	US	Pending	Switch For Coupling One Bus To Another Bus	10/345899	1/15/03				

10021181	02	JP	Published	Switch For Coupling One Bus To Another Bus	P2004-006342	1/14/04	2004222292	8/5/04		
10021181	03	GB	Published	Switch For Coupling One Bus To Another Bus	0400791.0	1/14/04	2397414	7/21/04		
10021182	01	US	Pending	Transceiver Configured To Store Failure Analysis Information	10/346923	1/15/03				
10021182	02	JP	Published	Transceiver Configured To Store Failure Analysis Information	P2004-007260	1/14/04	2004222297	8/5/04		
10021182	03	GB	Published	Transceiver Configured To Store Failure Analysis Information	0327508.8	11/26/03	2397712	7/28/04		
10021183	01	US	Pending	Task Prioritization In Firmware Controlled Optical Transceiver	10/346916	1/15/03				
10021183	02	JP	Published	Task Prioritization In Firmware Controlled Optical Transceiver	P2004-006943	1/14/04	2004222295	8/5/04		
10021183	03	GB	Published	Task Prioritization In Firmware Controlled Optical Transceiver	0400156.6	1/6/04	2398945	9/1/04		
10021184	01	US	Published	Tables For Determining The Signal Strength Of A Received Signal In A Fibre Optics Transceiver	10/410419	4/9/03	0202476	10/14/04		
10021184	02	JP	Published	Tables For Determining The Signal Strength Of A Received Signal In A Fibre Optics Transceiver	P2004-112371	4/6/04	2004312749	11/4/04		
10021184	03	GB	Published	Tables For Determining The Signal Strength Of A Received Signal In A Fibre Optics Transceiver	0405028.2	3/5/04	2400510	10/13/04		
10021186	01	US	Pending	EEPROM Emulation In A Transceiver	10/346479	1/15/03				
10021186	02	JP	Published	EEPROM Emulation In A Transceiver	P2004-007266	1/14/04	2004222298	8/5/04		
10021186	03	GB	Published	EEPROM Emulation In A Transceiver	0327635.9	11/27/03	2397408	7/21/04		
10021187	01	US	Granted	Clock Divider Circuit	10/346689	1/15/03			6856184	2/15/05
10021187	02	JP	Published	Clock Divider Circuit	P2004-007252	1/14/04	2004222296	8/5/04		
10021187	03	GB	Published	Clock Divider Circuit	0400161.6	1/6/04	2397418	7/21/04		
10021187	04	US	Granted	Clock Divider Circuit	10/892802	7/15/04	0257138	12/23/04	6914469	7/5/05
10021189	01	US	Pending	Transceiver With A Test Mode Of Operation	10/346480	1/15/03				
10021189	02	JP	Published	Transceiver With A Test Mode Of Operation	P2004-007272	1/14/04	2004222299	8/5/04		
10021189	03	GB	Granted	Transceiver With A Test Mode Of Operation	0326164.1	11/10/03	2398466	8/18/04	2409955	9/21/05
10021189	04	GB	Published	Transceiver With A Test Mode Of Operation	0504539.8	3/4/05	2409955	7/13/05		
10021190	01	US	Pending	Communication Module Configurable With Firmware And Related Method	10/346999	1/16/03				
10021190	02	JP	Published	Communication Module Configurable With Firmware And Related Method	P2004-006415	1/14/04	2004222293	8/5/04		
10021190	03	GB	Published	Communication Module Configurable With Firmware And Related Method	0328616.8	12/10/03	2397478	7/21/04		
10021191	01	US	Pending	Calibrating An Optical Transceiver Via Adaptive Testing	10/346913	1/15/03				
10021191	02	JP	Published	Calibrating An Optical Transceiver Via Adaptive Testing	P2004-007510	1/15/04	2004222303	8/5/04		
10021191	03	GB	Granted	Calibrating An Optical Transceiver Via Adaptive Testing	0326165.8	11/10/03	2398685	8/25/04	2398685	5/11/05
10021207	01	US	Published	Digital Correlated Double Sampling Using Dual Analog Path	10/651597	8/29/03	0046715	3/3/05		
10021221	01	US	Published	Printer Formatter With Print Server	10/630419	7/30/03	0024664	2/3/05		
10021234	01	US	Published	Tunnel-Junction Structure Incorporating N-Type Layer Comprising Nitrogen And A Group VI Dopant	10/688600	10/17/03	0083979	4/21/05		
10021241	01	US	Published	Current Mode Logic Driver That Employs A Level Shifting Mechanism	10/445171	5/20/03	0232945	11/25/04		
10021241	02	JP	Published	Current Mode Logic Driver That Employs A Level Shifting Mechanism	P2004-144740	5/14/04	2004350272	12/9/04		
10021241	03	GB	Published	Current Mode Logic Driver That Employs A Level Shifting Mechanism	0409394.4	4/27/04	2402277	12/1/04		
10021242	01	US	Published	Voltage Mode Current-assisted Pre-emphasis Driver	10/445167	5/23/03	0246613	12/9/04		
10021242	02	JP	Published	Voltage Mode Current-assisted Pre-emphasis Driver	P2004-144748	5/14/04	2004350273	12/9/04		
10021242	03	GB	Published	Voltage Mode Current-assisted Pre-emphasis Driver	0411001.1	5/17/04	2403083	12/22/04		

10021258	01	US	Published	Integrated Multichannel Laser Driver And Photodetector Receiver	10/327216	12/20/02	0120630	6/24/04		
10021258	02	JP	Published	Integrated Multichannel Laser Driver And Photodetector Receiver	P2003-414394	12/12/03	2004207716	7/22/04		
10021258	03	GB	Published	Integrated Multichannel Laser Driver And Photodetector Receiver	0325375.4	10/30/03	2396483	6/23/04		
10021271	01	US	Published	Laser Print Apparatus That Generates Pulse Width Value And Justification Value Based On Pixels In A Multi-Bit Image.	10/365563	2/12/03	0156079	8/12/04		
10021271	02	JP	Published	Laser Print Apparatus That Generates Pulse Width Value And Justification Value Based On Pixels In A Multi-Bit Image.	P2004-033812	2/10/04	2004243771	9/2/04		
10021271	03	DE	Published	Laser Print Apparatus That Generates Pulse Width Value And Justification Value Based On Pixels In A Multi-Bit Image.	10350863.5	10/31/03	10350863	9/2/04		
10021271	04	GB	Published	Laser Print Apparatus That Generates Pulse Width Value And Justification Value Based On Pixels In A Multi-Bit Image.	0402801.5	2/9/04	2398416	8/18/04		
10021272	01	US	Published	Image Forming Device And Method	10/650160	8/27/03	0046877	3/3/05		
10021272	02	JP	Published	Image Forming Device And Method	P2004-244855	8/25/04	2005067204	3/17/05		
10021272	03	DE	Published	Image Forming Device And Method	10200401786 1.5	4/13/04	1020040178 61	4/7/05		
10021272	04	GB	Published	Image Forming Device And Method	0416743.3	7/27/04	2405510	3/2/05		
10021274	01	US	Published	Image Enhancement Employing Partial Template Matching	10/625971	7/23/03	0018918	1/27/05		
10021274	02	JP	Pending	Image Enhancement Employing Partial Template Matching	P2004-211599	7/20/04				
10021274	03	DE	Published	Image Enhancement Employing Partial Template Matching	1004016230.1	4/1/04	2004016230	2/24/05		
10021274	04	GB	Published	Image Enhancement Employing Partial Template Matching	0416262.4	7/20/04	2404808	2/9/05		
10021275	01	US	Pending	Integrated Circuit With Oscillating Signal Detector	10/411427	4/10/03				
10021278	01	US	Published	A Low Cost Parallel Optical Interconnect Alignment Scheme Which Eliminated One Axis Of Alignment	10/635810	8/5/03	0031265	2/10/05		
10021278	02	JP	Published	Low Cost Optical Terconnect For Fiber Optic System	P2004-227480	8/4/04	2005055907	3/3/05		
10021278	03	EP	Published	Low Cost Optical Interconnect For Fiber Optic System	04009859.2	4/26/04	1505417	2/9/05		
10021278	04	CN	Published	Low Cost Optical Interconnect For Fiber Optic System	0410070299.4	8/4/04	CN1580846 A	2/16/05		
10021278	05	SG	Pending	Low Cost Optical Interconnect For Fiber Optic System	200404510-0	8/4/04				
10021292	01	US	Pending	Disable/Enable Control For Laser Driver Eye Safety	10/347000	1/17/03				
10021292	02	JP	Published	Disable/Enable Control For Laser Driver Eye Safety	P2004-006416	1/14/04	2004229280	8/12/04		
10021292	03	GB	Published	Disable/Enable Control For Laser Driver Eye Safety	0401004.7	1/16/04	2397448	7/21/04		
10021292	04	US	Pending	Disable/enable Control For Laser Driver Eye Safety	11/165905	6/24/05				
10030003	01	US	Published	Apparatus Including A Dual Camera Module And Method Of Using The Same	10/651599	8/29/03	0046740	3/3/05		
10030012	01	US	Published	Shaping The Drive Signal Of A Mixing Device	10/639177	8/11/03	0037725	2/17/05		
10030013	01	US	Published	Absorbing Sum Signal Energy In A Mixer	10/639176	8/11/03	0037726	2/17/05		
10030014	01	US	Published	Equal Phase Multiple Gain State Amplifier	10/438592	5/15/03	0227576	11/18/04		
10030015	01	US	Published	Two-Stage Amplifier With Series L-R Coupling Network	10/667015	9/18/03	0062545	3/24/05		
10030016	01	US	Pending	Switching Circuit With Equity Voltage Division	10/438998	5/15/03				
10030017	01	US	Published	Coupled-Inductance Differential Amplifier	10/667019	9/18/03	0062533	3/24/05		
10030017	02	GB	Granted	Coupled-Inductance Differential Amplifier	0419637.4	9/3/04	2406236	3/23/05	2406236	8/31/05
10030018	01	US	Published	Power Amplifier Output Stage With Multiple Power States And Improved Efficiency	10/702018	11/4/03	0093633	5/5/05		
10030018	02	GB	Published	Power Amplifier Output Stage With Multiple Power States And Improved Efficiency	0424455.4	11/4/04	2408161	5/18/05		
10030024	01	US	Pending	Apparatus For Controlling A Screen Pointer That Distinguishes Between Ambient Light And Light From Its Light Source	10/341710	1/14/03				

10030024	02	JP	Published	Apparatus For Controlling A Screen Pointer That Distinguishes Between Ambient Light And Light From Its Light Source	P2004-003928	1/9/04	2004220612	8/5/04		
10030024	03	DE	Published	Apparatus For Controlling A Screen Pointer That Distinguishes Between Ambient Light And Light From Its Light Source	10349609.2	10/24/03	10349609	7/29/04		
10030024	04	GB	Published	Apparatus For Controlling A Screen Pointer That Distinguishes Between Ambient Light And Light From Its Light Source	0329627.4	12/22/03	2398121	8/11/04		
10030025	01	US	Published	Apparatus For Controlling A Screen Pointer With A Frame Rate Based On Velocity	10/338257	1/7/03	0130532	7/8/04		
10030025	02	JP	Published	Apparatus For Controlling A Screen Pointer With A Frame Rate Based On Velocity	P2004-001023	1/6/04	2004213674	7/29/04		
10030025	03	CN	Published	Apparatus For Controlling A Screen Pointer With A Frame Rate Based On Velocity	0310103503.3	11/4/03	1517943A	8/4/04		
10030025	04	DE	Published	Apparatus For Controlling A Screen Pointer With A Frame Rate Based On Velocity	10349607.6	10/24/03	10349607	7/22/04		
10030025	05	GB	Granted	Controlling A Screen Pointer	0326146.8	11/7/03	2397123	7/14/04	2397123	3/9/05
10030025	06	TW	Pending	Apparatus For Controlling A Screen Pointer With A Frame Rate Based On Velocity	92124595	9/5/03				
10030025	07	GB	Granted	Apparatus For Controlling A Screen Pointer With A Frame Rate Based On Velocity	0421100.9	9/22/04	2406167	3/23/05	0421100.9	5/25/05
10030025	08	GB	Published	Apparatus For Controlling A Screen Pointer With A Frame Rate Based On Velocity	0421101.7	9/22/04	2405925	3/16/05		
10030027	01	US	Pending	System And Method For Emulating Systems With Multiple Field Programmable Gate Arrays	10/439427	5/15/03				
10030028	01	US	Published	Efficient Printer Control Electronics	10/655418	9/3/03	0057770	3/17/05		
10030034	01	US	Published	Functional Test Design For Testability (DFT) & Test Architecture For Decreased Tester Channel Resources	10/721474	11/25/03	0138500	6/23/05		
10030037	01	US	Published	Integrated Circuit With Configuration Based On Parameter Measurement	10/440634	5/19/03	0236534	11/25/04		
10030038	01	US	Published	Integrated Circuit With Parameter Measurement	10/440581	5/19/03	0236532	11/25/04		
10030039	01	US	Granted	System And Method For Dead-Band Determination For Rotational Frequency Detectors	10/601993	6/23/03	0257118	12/23/04	6937069	8/30/05
10030070	01	US	Published	Clean And Test For Fluid Within A Reflection Optical Switch System	10/625818	7/23/03	0018956	1/27/05		
10030071	01	US	Published	Resistor Shapes For Heating Devices On An Integrated Circuit	10/712701	11/13/03	0104918	5/19/05		
10030075	01	US	Published	A Touch Screen Display System	10/760728	1/20/04	0156901	7/21/05		
10030076	01	US	Published	Digital Camera That Enters A Sub-Sampling Mode For At Least One Auto Function	10/360188	2/7/03	0155977	8/12/04		
10030078	01	US	Published	Method For Detecting Repetitive Surfaces In An Optical Mouse	10/350722	1/23/03	0146217	7/29/04		
10030090	01	US	Pending	System And Method For Implementing A Hidden Address In A Communication Module	10/368954	2/18/03				
10030090	02	JP	Published	System And Method For Implementing A Hidden Address In A Communication Module.	P2004-036173	2/13/04	2004252977	9/9/04		
10030090	03	GB	Published	System And Method For Implementing A Hidden Address In A Communication Module.	0401850.3	1/28/04	2398658	8/25/04		
10030101	01	US	Published	Fluidic Acoustic Transducer	10/462988	6/17/03	0258258	12/23/04		
10030110	01	US	Published	Solder Seals Within A Switching System	10/639320	8/12/03	0036733	2/17/05		
10030133	01	US	Published	Fixed-Focus Camera Module And Associated Method Of Assembly	10/639799	8/12/03	0036778	2/17/05		
10030135	01	US	Pending	Apparatus And Methodology For An Input Port Scheduler	10/434001	5/7/03				
10030136	01	US	Granted	NVRAM Update Protocol	10/431995	5/7/03			6957312	10/18/05
10030137	01	US	Pending	Method And System To Communicate Data Between A Plurality Of Interconnect Devices	10/434265	5/7/03				
10030138	01	US	Pending	Method And System Port Numbering In An Interconnect Device	10/431993	5/7/03				
10030140	01	US	Pending	Method And System To Control The Communication Of Data Between A Plurality Of Interconnect Devices	10/431975	5/7/03				
10030140	02	JP	Pending	Method And System To Control The Communication Of Data Between A Plurality Of Interconnect Devices	P2004-136005	4/30/04				
10030140	03	GB	Published	Method And System To Control The Communication Of Data Between A Plurality Of Interconnect Devices	0408781.3	4/20/04	2401519	11/10/04		
10030153	01	US	Pending	Apparatus And Methodology For A Pointer Manager	10/431991	5/7/03				

10030154	01	US	Pending	A Method And System To Provide Simultaneous Access By Multiple Pipelines To A Table	10/431974	5/7/03					
10030155	01	US	Pending	Method And System To Compute A Status For A Circular Queue Within A Memory Device	10/434264	5/7/03					
10030157	01	US	Published	Method And System To Control The Communication Of Data Between A Plurality Of Interconnect Devices	10/431973	5/7/03	0021797	1/27/05			
10030157	02	JP	Published	Method And System To Control The Communication Of Data Between A Plurality Of Interconnect Devices	P2004-138789	5/7/04	2004336798	11/25/04			
10030157	03	GB	Published	Method And System To Control The Communication Of Data Between A Plurality Of Interconnect Devices	04087779.7	4/20/04	2401517	11/10/04			
10030159	01	US	Published	Method And System For Maintaining TBS Consistency Between A Flow Control Unit And Central Arbiter In An Interconnect Device	10/434263	5/7/03	0223454	11/11/04			
10030159	02	JP	Pending	Method And System For Maintaining TBS Consistency Between A Flow Control Unit And Central Arbiter In An Interconnect Device	P2004-127533	4/23/04					
10030159	03	GB	Published	Method And System For Maintaining TBS Consistency Between A Flow Control Unit And Central Arbiter In An Interconnect Device	0408780.5	4/20/04	2401518	11/10/04			
10030165	01	US	Pending	Method For Increasing Maximum Modulation Speed Of A Light Emitting Device, And Light Emitting Device With Increased Maximum Modulation Speed And Quantum Well Structure Thereof	10/885952	7/6/04					
10030165	02	TW	Pending	Method For Increasing Maximum Modulation Speed Of Light Emitting Device, And Light Emitting Device With Increased Maximum Modulation Speed And Quantum Well Structure Thereof	94122687	7/5/05					
10030165	03	WO	Pending	Method For Increasing Maximum Modulation Speed Of A Light Emitting Device	US05/023292	6/29/05					
10030166	01	US	Granted	Request Bus Arbitration	09/948925	9/7/01			6763418	7/13/04	
10030168	01	US	Published	Method And System For Optically Tracking A Target Using An Interferometric Techniques	10/758981	1/16/04	0156100	7/21/05			
10030168	02	TW	Published	Method And System For Optically Tracking A Target Using An Interferometric Techniques	93121590	7/20/04	200525433	8/1/05			
10030168	03	WO	Pending	Method And System For Optically Tracking A Target Using An Interferometric Technique	US05/000900	1/12/05					
10030169	01	US	Published	Method And System For Optically Tracking A Target Using A Triangulation Technique	10/655944	9/4/03	0052635	3/10/05			
10030169	02	JP	Published	Method And System For Optically Tracking A Target Using A Triangulation Technique	P2004-244725	8/25/04	2005084049	3/31/05			
10030169	03	EP	Pending	Method And System For Optically Tracking A Target Using A Triangulation Technique	04010827.6	5/6/04	1512989				
10030170	01	US	Published	Position Determination That Is Responsive To A Retro-Reflective Object	10/652638	8/29/03	0068518	3/31/05			
10030170	02	JP	Published	Position Determination That Is Responsive To A Retro-Reflective Object	P2004-248127	8/27/04	2005099009	4/14/05			
10030170	03	EP	Published	Position Determination That Is Responsive To A Retro-Reflective Object	04010829.2	5/6/04	1510836	3/2/05			
10030171	01	US	Pending	Interferometer Based Navigation Device	10/439674	5/16/03					
10030171	02	JP	Published	Interferometer Based Navigation Device	P2004-119296	4/14/04	2004340950	12/2/04			
10030171	03	EP	Pending	Interferometer Based Navigation Device	04001237.9	1/21/04	1477888				
10030171	04	CN	Published	Interferometer Based Navigation Device	04200001025.X	1/16/04	CN 1551043A	12/1/04			
10030171	05	TW	Granted	Interferometer Based Navigation Device	93101603	1/20/04	200426665	12/1/04	1241516	10/11/05	
10030175	01	US	Published	Position Determination And Motion Tracking	10/759646	1/16/04	0156888	7/21/05			
10030175	02	TW	Published	Position Determination And Motion Tracking	93121594	7/20/04	200525412	8/1/05			
10030175	03	WO	Pending	Position Determination And Motion Tracking	US05/000899	1/12/05					
10030176	01	US	Published	Optical Navigation Based On Laser Feedback Or Laser Interferometry	10/741952	12/18/03	0134556	6/23/05			
10030181	01	US	Published	Resonant Frequency User Proximity Detection	10/635753	8/5/03	0032474	2/10/05			
10030184	01	US	Published	An Optical Device That Measures Distance Between The Device And A Surface	10/826799	4/15/04	0231465	10/20/05			
10030184	02	JP	Pending	Optical Device That Measures Distance Between The Device And A Surface	P2005-115784	4/13/05					
10030184	03	EP	Published	Optical Device That Measures Distance Between The Device And A Surface	04026868.2	11/11/04	1586857	10/19/05			
10030185	01	US	Published	Tracking Motion Using An Interference Pattern	10/687431	10/16/03	0083303	4/21/05			

10030185	02	JP	Published	Tracking Motion Using An Interference Pattern	P2004-301428	10/15/04	2005122746	5/12/05		
10030185	03	EP	Pending	Tracking Motion Using An Interference Pattern	04011418.3	5/13/04	1524590			
10030185	04	CN	Published	Tracking Motion Using An Interference Pattern	200410062475.X	7/8/04	CN1607543A	4/20/05		
10030185	05	TW	Pending	Tracking Motion Using An Interference Pattern	93111872	4/28/04				
10030187	01	US	Published	Apparatus For Optical Navigation	10/655946	9/4/03	0051711	3/10/05		
10030187	02	JP	Published	Apparatus For Optical Navigation	P2004-244711	8/25/04	2005085262	3/31/05		
10030187	03	EP	Pending	Apparatus For Optical Navigation	04010828.4	6/5/04	1513051			
10030187	04	CN	Published	Apparatus For Optical Navigation	200410042847.2	5/26/04	CN1591465A	3/9/05		
10030187	05	TW	Published	Apparatus For Optical Navigation	93109730	4/8/04	200511086	3/16/05		
10030188	01	US	Granted	System And Method For Optical Navigation Using A Projected Fringe Technique	10/742384	12/19/03	0073693	4/7/05	6934037	8/23/05
10030188	02	TW	Published	System And Method For Optical Navigation Using A Projected Fringe Technique	93120226	7/16/04	200508986	3/1/05		
10030188	03	WO	Pending	System And Method For Optical Navigation Using A Projected Fringe Technique	US04/42011	12/14/04				
10030189	01	US	Published	Fuel Cell Powered Optical Navigation Device	10/612655	7/2/03	00001819	1/6/05		
10030189	02	JP	Published	Fuel Cell Powered Optical Navigation Device	P2004-193238	6/30/04	2005025757	1/27/05		
10030189	03	EP	Pending	Fuel Cell Powered Optical Navigation Device	04008249.7	4/5/04	1498808			
10030189	04	CN	Published	Fuel Cell Powered Optical Navigation Device	200410042846.8	5/26/04	CN1577215A	2/9/05		
10030189	05	TW	Published	Fuel Cell Powered Optical Navigation Device	93113659	5/14/02	200502827	1/16/05		
10030195	01	US	Pending	Apparatus And Methodology For A Write Hub That Supports High Speed And Low Speed Data Rates	10/431875	5/7/03				
10030202	01	US	Published	Integrally Packaged Imaging Module	10/684619	10/14/03	0077458	4/14/05		
10030203	01	US	Published	Integrated Circuit Incorporating Flip Chip And Wire Bonding	10/678495	10/3/03	0073054	4/7/05		
10030203	02	JP	Published	Integrated Circuit Incorporating Flip Chip And Wire Bonding	P2004-283743	9/29/04	2005117038	4/28/05		
10030203	03	DE	Published	Integrated Circuit Incorporating Flip Chip And Wire Bonding	102004030541.2	6/24/04	102004030541	5/12/05		
10030219	01	US	Published	Temperature Measurement Of An Integrated Circuit	10/817265	4/2/04	0220171	10/6/05		
10030222	01	US	Granted	Self-aligned Process Using Indium Gallium Arsenide Etching To Form Reentry Feature In Heterojunction Bipolar Transistors	10/435230	5/9/03	0224460	11/11/04	6806129	10/19/04
10030222	02	JP	Published	Self-aligned Process Using Indium Gallium Arsenide Etching To Form Reentry Feature In Heterojunction Bipolar Transistors	P2004-136266	4/30/04	2004336050	11/25/04		
10030222	03	GB	Published	Self-aligned Process Using Indium Gallium Arsenide Etching To Form Reentry Feature In Heterojunction Bipolar Transistors	0410247.1	5/7/04	2402810	12/15/04		
10030222	04	US	Published	Self-Aligned Process Using Indium Gallium Arsenide Etching To Form Reentry Feature In Heterojunction Bipolar Transistors	10/826787	4/15/04	0224463	11/11/04		
10030224	01	US	Published	Concurrent I/O	10/721606	11/25/03	0114733	5/25/05		
10030234	01	US	Pending	Systems And Methods For Reconfiguring Scan Chains	60/638071	12/21/04				
10030235	01	US	Published	Limit Detector With Hysteresis	10/391847	3/19/03	0184566	9/23/04		
10030236	01	US	Pending	Systems And Methods For Designing Integrated Circuits	60/637913	12/21/04				
10030237	01	US	Pending	Systems And Methods For Facilitating Testing Of Integrated Circuits	60/638453	12/22/04				
10030238	01	US	Published	Systems And Methods For Facilitating Testing Of Pads Of Integrated Circuits	10/464046	6/18/03	0044936	3/4/04		
10030240	01	US	Granted	Systems And Methods For Testing Receiver Terminations In Integrated Circuits	10/737435	12/16/03	0130344	7/8/04	6859059	2/22/05
10030245	01	US	Published	Scan Test Tools, Models And/ Or Methods	10/806485	3/22/04	0210349	9/22/05		
10030245	02	GB	Published	Scan Test Tools, Models And/or Methods	0501511.0	1/24/05	2412444	9/28/05		
10030246	01	US	Granted	Method And Apparatus For Providing Well-Matched Source And Sink Currents	10/663222	9/15/03			6844774	1/18/05
10030246	02	GB	Published	Method And Apparatus For Providing Well-Matched Source And Sink Currents	0420532.4	9/15/04	GB2406234	3/23/05		
10030246	03	TW	Granted	Method And Apparatus For Providing Well-Matched Source And Sink Currents	93110361	4/14/04	20051170	3/16/05	1241774	10/11/05
10030262	01	US	Published	High Gain Photo Cell With Improved Pulsed Light Operation	10/463502	6/18/03	0251399	12/16/04		
10030265	01	US	Granted	Oscillator For Serdes	10/640444	8/13/03	0046501	3/3/05	6943636	9/13/05
10030265	02	GB	Published	Improved Oscillator For Serdes	0415478.7	7/9/04	2405040	2/16/05		

10030265	03	TW	Published	Improved Oscillator For Serdes	93116408	6/8/04	20057442	2/16/05		
10030266	01	US	Published	Method And Apparatus For Monitoring Frequency Corrections In A Clock And Data Recovery Phase-Lock Loop, And For Deriving Indications Therefrom	10/786399	2/24/04	0185748	8/25/05		
10030272	01	US	Granted	Laser Initialization In Firmware Controlled Optical Transceiver	10/346481	1/15/03			6836493	12/28/04
10030272	02	JP	Published	Laser Initialization In Firmware Controlled Optical Transceiver	P2004-006909	1/14/04	2004222294	8/5/04		
10030272	03	GB	Granted	Laser Initialization In Firmware Controlled Optical Transceiver	0328617.6	12/10/03	2397688	7/28/04	2397688	6/15/05
10030274	01	US	Published	System And Method For Checksum Offloading	10/680642	10/6/03	0076287	4/7/05		
10030275	01	US	Published	PAM-4 Data Slicer Having Symmetrical Offset	10/616214	7/8/03	0008099	1/13/05		
10030277	01	US	Published	Integrated Circuit With Copper Interconnect And Top Level Bonding/Interconnect Layer	10/678980	10/3/03	0082675	4/21/05		
10030278	01	US	Published	Integrated Optical Detector And Diffractive Optical Element	10/632167	7/30/03	0023440	2/3/05		
10030278	02	DE	Published	Integrated Optical Detector And Diffractive Optical Element	1004012030.7	3/11/04	2004012030	3/3/05		
10030279	01	US	Published	Diffractive Optical Element With Anti-Reflection Coating	10/607655	6/27/03	0263981	12/30/04		
10030279	02	JP	Published	Diffractive Optical Element With Anti-Reflection Coating	P2004-181293	6/18/04	2005018061	1/20/05		
10030279	03	CN	Published	Diffractive Optical Element With Anti-Reflection Coating	200410001026.4	1/16/04	CN1576891A	2/9/05		
10030280	01	US	Published	Wafer Bonding Using Reactive Foils For Massively Parallel Micro-Electromechanical Systems Packaging	10/461291	6/13/03	0251524	12/16/04		
10030280	02	JP	Published	Wafer Bonding Using Reactive Foils For Massively Parallel Micro-Electromechanical Systems Packaging	P2004-173794	6/11/04	2005040940	2/17/05		
10030280	03	DE	Published	Wafer Bonding Using Reactive Foils For Massively Parallel Micro-Electromechanical Systems Packaging	102004004539.	1/29/04	102004004539	1/5/05		
10030280	04	US	Published	Wafer Bonding Using Reactive Foils For Massively Parallel Micro-Electromechanical Systems Packaging	10/826800	4/15/04	0253765	12/16/04		
10030287	01	US	Published	Calibration Of Laser Systems	10/339900	1/10/03	0136729	7/15/04		
10030287	02	JP	Published	Calibration Of Laser Systems	P2004-006073	1/13/04	2004221591	8/5/04		
10030287	03	GB	Published	Calibration Of Laser Systems	0329637.3	12/22/03	2397169	7/14/04		
10030293	01	US	Granted	Magnetron With Controlled DC Power	10/371463	2/21/03			6824653	11/30/04
10030301	01	US	Pending	Method And Apparatus For Modifying The Spread Of A Laser Beam	10/366755	2/13/03				
10030301	02	JP	Published	Method And Apparatus For Modifying The Spread Of A Laser Beam	P2004-033253	2/10/04	2004246360	9/2/04		
10030301	03	DE	Published	Method And Apparatus For Modifying The Spread Of A Laser Beam	10353381.8	11/14/03	10353381	9/2/04		
10030301	04	GB	Published	Method And Apparatus For Modifying The Spread Of A Laser Beam	0402798.3	2/9/04	2399675	9/22/04		
10030301	05	KR	Pending	Method And Apparatus For Modifying The Spread Of A Laser Beam	2004-0009212	2/12/04				
10030301	06	TW	Published	Method And Apparatus For Modifying The Spread Of A Laser Beam	92126701	9/26/03	200415830	8/16/04		
10030301	07	DE	Pending	Method And Apparatus For Modifying The Spread Of A Laser Beam	10362097.4	6/30/05				
10030301	08	DE	Unfiled	Method And Apparatus For Modifying The Spread Of A Laser Beam	10362098.2					
10030302	01	US	Granted	Film Deposition To Enhance Sealing Yield Of Microcap Wafer-Level Package With Vias	10/647040	8/21/03			6777263	8/17/04
10030320	01	US	Pending	A Method For Testing Jitter Tolerance Of High Speed Receivers	10/409949	4/9/03				
10030322	01	US	Published	Programmable Hysteresis For Boundary-Scan Testing	10/666770	9/17/03	0060624	3/17/05		
10030322	02	GB	Published	Programmable Hysteresis For Boundary-Scan Testing	0417987.5	8/12/04	2406176	3/23/05		

10030322	03	SG	Pending	Programmable Hysteresis For Boundary-Scan Testing	200405025-8	9/6/04					
10030324	01	US	Granted	Method Of Utilizing A Top Conductive Layer In Isolating Pixels Of An Image Sensor Array	10/609878	6/30/03	0266053	12/30/04	6841411	1/11/05	
10030326	01	US	Published	Active Pixel Sensor Array Sampling System And Method	10/798994	3/11/04	0200730	9/15/05			
10030327	01	US	Published	Sample And Hold Circuit And Active Pixel Sensor Array Sampling System Utilizing	10/798979	3/11/04	0200731	9/15/05			
10030328	01	US	Published	Circuit For An Active Pixel Sensor	10/630647	7/29/03	0116140	6/2/05			
10030328	02	JP	Pending	Circuit For An Active Pixel Sensor	P2004-221094	7/29/04					
10030328	03	CN	Published	Circuit For An Active Pixel Sensor	20041007034 7.X	7/29/04	CN1642222 A	7/20/05			
10030328	04	DE	Published	Circuit For An Active Pixel Sensor	1004009627.9	2/27/04	1020040096 27	3/17/05			
10030328	05	GB	Published	Circuit For An Active Pixel Sensor	0416505.6	7/23/04	2404440	2/2/05			
10030329	01	US	Published	Configurable Communications Modules And Methods Of Making The Same	10/632745	8/1/03	0025307	2/3/05			
10030329	02	JP	Published	Configurable Communications Modules And Methods Of Making The Same	P2004-225217	8/2/04	2005057766	3/3/05			
10030329	03	DE	Published	Configurable Communications Modules And Methods Of Making The Same	10200401726 2.	4/7/04	1020040172 62	3/3/05			
10030330	01	US	Published	System And Method For Shape Reconstruction From Optical Images	10/392948	3/20/03	0184648	9/23/04			
10030330	02	EP	Pending	System And Method For Shape Reconstruction From Optical Images	03025303.3	11/3/03	1462992				
10030338	01	US	Pending	Compact Optical Amplifier With A Flattened Gain Profile	10/819666	4/7/04					
10030346	01	US	Published	Color-Tunable Light Emitter	10/821087	4/8/04	0224814	10/13/05			
10030349	01	US	Unfiled	Efficient USB High-Speed Host-Based Laser Printer Formatting Systems							
10030373	01	US	Published	RAM Diagnostic Read Circuit Providing External Integrated Circuit RAM Failure Diagnosis And Method	10/678688	10/3/03	0076268	4/7/05			
10030374	01	US	Published	Programmable Built-In Self-Test Circuit For Serializer/deserializer Circuits And Method	10/678511	10/3/03	0076280	4/7/05			
10030386	01	US	Published	Optoelectronic Device Packaging With Hermetically Sealed Cavity And Integrated Optical Element	10/666091	9/19/03	0062056	3/24/05			
10030386	02	JP	Pending	Optoelectronic Device Packaging With Hermetically Sealed Cavity And Integrated Optical Element	P2004-269504	9/16/04					
10030386	03	CN	Published	Optoelectronic Device Packaging With Hermetically Sealed Cavity And Integrated Optical Element	20041004284 8.7	5/26/04	CN 1599158A	3/23/05			
10030386	04	DE	Published	Optoelectronic Device Packaging With Hermetically Sealed Cavity And Integrated Optical Element	10200402542 8.1	5/24/04	1020040254 28	5/4/05			
10030388	01	US	Granted	Low Noise Amplifier And Imaging Element Using Same	10/104917	3/22/02			6614312	9/2/03	
10030411	01	US	Pending	Compact Optical Amplifier	10/819827	4/7/04					
10030414	01	US	Published	Reconfigurable Logic Through Deposition Of Organic Pathways	10/650151	8/27/03	0045375	3/3/05			
10030442	01	US	Published	Alignment Post For Optical Subassemblies Made With Cylindrical Rods, Tubes, Spheres Or Similar Features	10/666319	9/19/03	0063648	3/24/05			
10030442	02	JP	Published	Alignment Post For Optical Subassemblies Made With Cylindrical Rods, Tubes, Spheres Or Similar Features	P2004-268241	9/15/04	2005092210	4/7/05			
10030442	03	CN	Published	Alignment Post For Optical Subassemblies Made With Cylindrical Rods, Tubes, Spheres Or Similar Features	20041003821 7.8	5/13/04	CN 1598633A	3/23/05			
10030442	04	DE	Published	Alignment Post For Optical Subassemblies Made With Cylindrical Rods, Tubes, Spheres Or Similar Features	10200402712 2.4	6/3/04	1020040271 22	5/4/05			
10030444	01	US	Published	Driver-Side Current Clamping With Non-Persistent Charge Boost	10/728604	12/5/03	0122141	6/9/05			
10030447	01	US	Pending	Motion Detecting Camera System	10/423523	4/25/03					
10030447	02	JP	Published	Motion Detecting Camera System	P2004-125704	4/21/04	2004328736	11/18/04			
10030447	03	DE	Published	Motion Detecting Camera System	10200400223 7.2	1/15/04	1020040022 37	11/25/04			
10030447	04	GB	Published	Motion Detecting Camera System	0406035.6	3/17/04	2400999	10/27/04			

10030448	01	US	Granted	Low FPN High Gain Capacitive Transimpedance Amplifier For Use With Capacitive Sensors	09/729756	12/4/00			6339363	1/15/02
10030449	01	US	Granted	CMOS Image Sensor With Pixel Level Gain Control	09/216699	12/18/98			6757018	6/29/04
10030449	06	DE	Granted	CMOS Image Sensor With Pixel Level Gain Control	99964195.4	12/9/99			699198720.6	7/14/04
10030449	07	GB	Granted	CMOS Image Sensor With Pixel Level Gain Control	99964195.4	12/9/99			1151601	7/14/04
10030451	01	US	Granted	Low Noise Active Reset Readout For Image Sensors	09/400789	9/21/99			6424375	7/23/02
10030451	02	EP	Published	Low Noise Active Reset Readout For Image Sensors	00966776.7	9/20/00	1222815	7/17/02		
10030451	03	JP	Published	Low Noise Active Reset Readout For Image Sensors	P2001-525963	3/19/02	2003510909	3/18/03		
10030451	04	WO	Pending	Low Noise Active Reset Readout For Image Sensors	US00/25848	9/20/00				
10030452	01	US	Granted	Image Sensor Utilizing A Low FPN High Gain Capacitive Transimpedance Amplifier	09/729751	12/4/00			6459078	10/1/02
10030452	02	WO	Pending	Image Sensor Utilizing A Low FPN High Gain Capacitive Transimpedance Amplifier	US01/43384	11/21/01				
10030452	03	EP	Published	Image Sensor Utilizing A Low FPN High Gain Capacitive Transimpedance Amplifier	01999826.9	10/17/03	1399746	3/24/04		
10030453	01	US	Granted	Anti-Blooming Circuit For CMOS Image Sensors	09/931983	8/17/01	003433	2/20/03	6633028	10/14/03
10030457	01	US	Published	Variable Optical Attenuator Based On A Rare Earth Doped Glass	10/819812	4/7/04	0226590	10/13/05		
10030458	01	US	Pending	Optical Switch Using Rare Earth Doped Glass	10/820098	4/7/04				
10030475	01	US	Published	Modular Assembly For A Self-Indexing Computer Pointing Device	10/722698	11/24/03	0110754	5/26/05		
10030475	02	WO	Published	Modular Assembly For A Self-Indexing Computer Pointing Device	US04/037679	11/10/04	WO2005/055039 A3	6/16/05		
10030476	01	US	Published	Spring System For Re-Centering A Movable Object	10/723596	11/24/03	0110747	5/26/05		
10030476	02	WO	Published	Spring System For Re-Centering A Movable Object	US04/037480	11/10/04	WO2005/055038 A3	6/16/05		
10030477	01	US	Published	Compact Pointing Device	10/723957	11/24/03	0110755	5/26/05		
10030477	02	WO	Published	Compact Pointing Device	US04/037675	11/10/04	WO2005/055032 A3	6/16/05		
10030489	01	US	Granted	Wafer-Level Packaging Of Optoelectronic Devices	10/666363	9/19/03	0062122	3/24/05	6953990	10/11/05
10030489	02	JP	Published	Wafer-Level Packaging Of Optoelectronic Devices	P2004-271043	9/17/04	2005094019	4/7/05		
10030489	03	DE	Published	Wafer-Level Packaging Of Optoelectronic Devices	10200402699.0.4	6/3/04	102004026990	4/21/05		
10030489	04	CN	Published	Wafer-Level Packaging Of Optoelectronic Devices	20041007808.1.3	9/20/04	CN1607682A	4/20/05		
10030489	05	US	Published	Wafer-Level Packaging Of Optoelectronic Devices	11/071550	3/2/05	0142692	6/30/05		
10030491	01	US	Pending	Identification Card With Bio-Sensor And User Authentication Method	10/989126	11/15/04				
10030491	02	JP	Unfiled	Identification Card With Bio-Sensor And User Authentication Method						
10030491	03	GB	Pending	Identification Card With Bio-Sensor And User Authentication Method	0521657.7	10/24/05				
10030491	04	DE	Pending	Identification Card With Bio-Sensor And User Authentication Method	10200505039.5.0	10/20/05				
10030492	01	US	Pending	Low Power Motion Detection System	10/423656	4/25/03				
10030492	02	JP	Published	Low Power Motion Detection System	P2004-125681	4/21/04	2004328735	11/18/04		
10030492	03	DE	Published	Low Power Motion Detection System	102004002718.	1/19/04	102004002718	11/18/04		
10030492	04	GB	Published	Low Power Motion Detection System	0406036.4	3/17/04	2400911	10/27/04		
10030497	01	US	Granted	Method Facilitating Inter-Mode Handoff	10/396662	3/24/03			6845231	1/18/05
10030497	02	DE	Published	Method Facilitating Inter-Mode Handoff	10360996.2	12/23/03	10360996	10/21/04		
10030497	03	US	Published	Method Facilitating Inter-Mode Handoff	10/938222	9/9/04	0032548	2/10/05		
10030503	01	US	Published	Navigation And Fingerprint Sensor	10/689317	10/20/03	0083310	4/21/05		
10030503	02	JP	Published	Navigation And Fingerprint Sensor	P2004-301618	10/15/04	2005129048	5/19/05		
10030503	03	DE	Published	Navigation And Fingerprint Sensor	102004031735.6	6/30/04	102004031735	5/25/05		
10030503	04	GB	Published	Navigation And Fingerprint Sensor	0422870.6	10/14/04	2407387	4/27/05		
10030504	01	US	Published	Optical Coupler	10/804398	3/19/04	0207700	9/22/05		
10030508	01	US	Published	Dark Reduction Via Feedback Control Of Photodiode Bias	10/742070	12/19/03	0134715	6/23/05		
10030510	01	US	Published	Image Sensor With Active Reset And Randomly Addressable Pixels	10/639227	8/11/03	0036048	2/17/05		

10030510	02	JP	Published	Image Sensor With Active Reset And Randomly Addressable Pixels	P2004-229640	8/5/04	2005065270	3/10/05		
10030510	03	CN	Published	Image Sensor With Active Reset And Randomly Addressable Pixels	20041004984 2.2	6/24/04	CN1581929 A	2/16/05		
10030510	04	TW	Published	Image Sensor With Active Reset And Randomly Addressable Pixels	93106174	3/9/04	200507631	2/16/05		
10030510	05	EP	Published	Image Sensor With Active Reset And Randomly Addressable Pixels	04005865.3	3/11/04	1507406	2/16/05		
10030516	01	US	Published	Self-Configuring Communications Module Adaptive To Different Host System Types	10/679562	10/6/03	0097212	5/5/05		
10030516	02	JP	Published	Self-Configuring Communications Module Adaptive To Different Host System Types	P2004-284702	9/29/04	2005117648	4/28/05		
10030516	03	DE	Published	Self-Configuring Communications Module Adaptive To Different Host System Types	10200403113 8.2	6/28/04	1020040311 38	4/28/05		
10030516	04	CN	Published	Self-Configuring Communications Module Adaptive To Different Host System Types	20041008114 0.2	9/30/04	CN 1606310A	4/13/05		
10030517	01	US	Published	Angled Strobe Lines For High Aspect Ratio Spatial Light Modulator	10/810414	3/26/04	0213179	9/29/05		
10030517	02	JP	Published	Angled Strobe Lines For High Aspect Ratio Spatial Light Modulator	P2005-091068	3/28/05	2005286332	10/13/05		
10030517	03	EP	Pending	Angled Strobe Lines For High Aspect Ratio Spatial Light Modulator	04025094.6	10/21/04	1585101			
10030522	01	US	Granted	Pressure Actuated Solid Slug Optical Latching Relay	10/413162	4/14/03			6798937	9/28/04
10030522	02	WO	Pending	Pressure Actuated Solid Slug Optical Latching Relay	US04/002520	1/30/04				
10030542	01	US	Published	Optical Module Aligned After Assembly	10/774461	2/10/04	0175298	8/11/05		
10030546	01	US	Granted	Method And Structure For A Slug Caterpillar Piezoelectric Latching Reflective Optical Relay	10/412910	4/14/03			6765161	7/20/04
10030546	02	WO	Published	Slug Caterpillar Piezoelectric Latching Reflective Optical Relay	US04/02708	1/30/04	WO04/1093 72	12/16/04		
10030566	01	US	Published	Integrated Optics And Electronics	10/666442	9/19/03	0063431	3/24/05		
10030566	02	JP	Published	Integrated Optics And Electronics	P2004-268250	9/15/04	2005094011	4/7/05		
10030566	03	CN	Published	Integrated Optics And Electronics	20041004555 8.8	6/7/04	CN 1595741A	3/16/05		
10030566	04	DE	Published	Integrated Optics And Electronics	10200402811 7.3	6/9/04	1020040281 17	5/4/04		
10030566	05	US	Pending	Integrated Optics And Electronics	11/172680	7/1/05				
10030567	01	US	Published	Lower Power Consumption-broad Navigability Optical Mouse	10/697421	10/30/03	0094154	5/5/05		
10030567	02	EP	Pending	Lower Power Consumption-Broad Navigability Optical Mouse	04014190.5	6/17/04	1533686			
10030567	03	TW	Published	Lower Power Consumption-Broad Navigability Optical Mouse	93111868	4/28/04	200511129	3/16/05		
10030593	01	US	Granted	Mems Based Tilt Sensor	10/741938	12/19/03	0132799	6/23/05	6934662	8/23/05
10030607	01	US	Pending	A Film Bulk Acoustic Resonator Package And Method Ao Fabricating Same	10/890343	7/13/04				
10030607	02	TW	Pending	Film Bulk Acoustic Resonator Package And Method Of Fabricating Same	94113442	4/27/05				
10030607	03	WO	Pending	Film Bulk Acoustic Resonator Package And Method Of Fabricating Same	US05/020793	6/13/05				
10030616	01	US	Published	Method And Apparatus To Enhance Contrast In Electro-Optical Display Devices	10/771738	2/4/04	0168430	8/4/05		
10030642	01	US	Published	Multiple Function Pattern Generator And Comparator Having Self-Seeding Test Function	10/755510	1/12/04	0154953	7/14/05		
10030642	02	CN	Published	Multiple Functionpattern Generator And Comparator Having Self-Seeding Test Function	20051000206 1.2	1/12/05	CN1642118 A	7/20/05		
10030669	01	US	Published	Stacked Bulk Acoustic Resonator Band-Pass Filter With Controllable Pass Bandwidth	10/699289	10/30/03	0093653	5/5/05		
10030669	02	JP	Published	Stacked Bulk Acoustic Resonator Band-Pass Filter With Controllable Pass Bandwidth	P2004-314021	10/28/04	2005137002	5/26/05		
10030669	03	EP	Published	Stacked Bulk Acoustic Resonator Band-Pass Filter With Controllable Pass Bandwidth	04014569.0	6/22/04	1528674	5/4/05		
10030676	01	US	Published	Matching Circuit On Optoelectronics Devices	10/697064	10/30/03	0093790	5/5/05		
10030676	02	DE	Published	Matching Circuit On Optoelectronics Devices	10200403173 6.4	6/30/04	1020040317 36	6/30/05		
10030677	01	US	Pending	Tape Ball Grid Array Package With Electromagnetic Interference Protection And Method For Fabricating The Package	10/938836	9/10/04				
10030677	02	JP	Pending	Tape Ball Grid Array Package With Electromagnetic Interference Protection And Method For Fabricating The Package	P2005-261992	9/9/05				

10030677	03	GB	Pending	Tape Ball Grid Array Package With Electromagnetic Interference Protection And Method For Fabricating The Package	0516626.9	8/12/05						
10030686	01	US	Published	Alignment Assembly And Method For An Optics Module	10/718207	11/20/03	0111794	5/26/05				
10030686	02	JP	Published	Alignment Assembly And Method For An Optics Module	P2004-335825	11/19/04	2005157360	6/16/05				
10030686	03	DE	Published	Alignment Assembly And Method For An Optics Module	10200403383.0.2	7/13/04	102004033830	6/30/05				
10030689	01	US	Published	Programmable Frequency Detector For Use With A Phase-Locked Loop	10/714037	11/14/03	0105660	5/19/05				
10030689	02	EP	Published	Programmable Frequency Detector For Use With A Phase-Locked Loop	04019428.4	8/16/04	1538451	6/8/05				
10030691	01	US	Published	Method And Device For Optical Navigation	10/630169	7/30/03	0024623	2/3/05				
10030691	02	JP	Published	Method And Device For Optical Navigation	P2004-223867	7/30/04	2005050350	2/24/05				
10030691	03	EP	Pending	Method And Device For Optical Navigation	04008247.1	4/5/04						
10030691	04	CN	Published	Method And Device For Optical Navigation	20041002954.5.1	3/18/04	CN1577387A	2/9/05				
10030691	05	TW	Published	Method And Device For Optical Navigation	93106021	3/8/04	200504603	2/1/05				
10030693	01	US	Published	Eye-Diagram Improving Method For Laser Transmitter	10/660405	9/10/03	0052070	3/10/05				
10030693	02	JP	Published	Eye-Diagram Improving Method For Laser Transmitter	P2004-260668	9/8/04	2005086832	3/31/05				
10030693	03	DE	Published	Eye-Diagram Improving Method For Laser Transmitter	10200402382.5.1	5/13/03	102004023825	4/21/05				
10030693	04	US	Pending	Eye-Diagram Improving Method For Laser Transmitter	11/205633	8/16/05						
10030711	01	US	Published	Device Having A Compliant Element Pressed Between Substrates	10/723095	11/26/03	0109455	5/26/05				
10030711	02	TW	Published	Device Having A Compliant Element Pressed Between Substrates	93118535	6/25/04	200518241	6/1/05				
10030711	03	WO	Pending	Device Having A Compliant Element Pressed Between Substrates	US04/037562	11/10/04						
10030717	01	US	Published	System For Computing A CRC Value By Processing A Data Message A Word At A Time	10/456210	6/6/03	0250193	12/9/04				
10030717	02	JP	Published	System For Computing A CRC Value By Processing A Data Message A Word At A Time	P2004-157775	5/27/04	2005006298	1/6/05				
10030717	03	GB	Published	System For Computing A CRC Value By Processing A Data Message A Word At A Time	0410996.3	5/17/04	2402582	12/8/04				
10030719	01	US	Published	Speckle Based Sensor For Three Dimensional Navigation	10/632574	7/31/03	0024624	2/3/05				
10030720	01	US	Published	Method And Apparatus For Improved Collection Efficiency Of Speckle Based Navigation Sensors Using Lightpipes And Reflectors	10/632619	7/31/03	0023449	2/3/05				
10030736	01	US	Published	Method And Apparatus For Color Formatting In A Color Printer	10/714051	11/14/03	0104930	5/19/05				
10030752	01	US	Published	Method For Acoustically Isolating An Acoustic Resonator From A Substrate	10/776618	2/13/04	0181572	8/18/05				
10030759	01	US	Published	Small Footprint Optical Fiber Transceiver	10/813938	3/30/04	0220427	10/6/05				
10030759	02	JP	Pending	Small Footprint Optical Fiber Transceiver	P2005-088055	3/25/05						
10030759	03	DE	Published	Small Footprint Optical Fiber Transceiver	10205000626.4	1/3/05	10200500626	10/27/05				
10030768	01	US	Published	Optical Device Package With Turning Mirror And Alignment Post	10/665680	9/19/03	0063642	3/24/05				
10030768	02	JP	Published	Optical Device Package With Turning Mirror And Alignment Post	P2004-269505	9/16/04	2005191529	7/14/05				
10030768	03	CN	Published	Optical Device Package With Turning Mirror And Alignment Post	20041003479.0.1	5/17/04	CN1599157A	3/23/05				
10030768	04	DE	Published	Optical Device Package With Turning Mirror And Alignment Post	10200402566.1.6	5/26/04	102004025661	4/14/05				
10030769	01	US	Granted	Methods To Make Diffractive Optics Element	10/666444	9/19/03	0063071	3/24/05	6947224		9/20/05	
10030769	02	JP	Published	Methods To Make Diffractive Optics Element	P2004-271044	9/17/04	2005092219	4/7/05				
10030769	03	DE	Published	Methods To Make Diffractive Optics Element	10200402816.3.7	6/9/04	102004028163	5/4/05				
10030769	04	CN	Published	Methods To Make Diffractive Optics Element	20041007807.7.7	9/20/04	CN1607403A	4/20/05				
10030770	01	US	Published	Method Of Pre-Processing Data On A Host Machine For A Host-Based Print System	10/680018	10/6/03	0073705	4/7/05				
10030770	02	JP	Published	Method Of Pre-Processing Data On A Host Machine For A Host-Based Print System	P2004-291198	10/4/04	2005115949	4/28/05				

10030770	03	DE	Published	Method Of Pre-Processing Data On A Host Machine For A Host-Based Print System	10200403059 0.0	6/24/04	1020040305 90	5/12/05		
10030782	01	US	Published	Self-Characterizing And Self-Programming Optical Transmitter	10/674583	9/29/03	0069315	3/31/05		
10030782	02	JP	Published	Self-Characterizing And Self-Programming Optical Transmitter	P2004- 281090	9/28/04	2005110265	4/21/05		
10030782	03	DE	Published	Self-Characterizing And Self-Programming Optical Transmitter	10200402995 6.0	6/21/04	1020040299 56	5/12/05		
10030782	04	CN	Published	Self-Characterizing And Self-Programming Optical Transmitter	0410080638.7	9/29/04	1604506A	4/6/05		
10030805	01	US	Unfiled	** Non-Aligned Color Data Planes For In-Line Color Laser Printer						
10030806	01	US	Published	Parallel Video Processing Architecture	10/788074	2/25/04	0185221	8/25/05		
10030806	02	JP	Published	Parallel Video Processing Architecture	P2005- 045382	2/22/05	2005243022	9/8/05		
10030806	03	DE	Published	Parallel Video Processing Architecture	10200405139 0.2	10/21/04	1020040513 90	9/22/05		
10030807	01	US	Published	Surface Emitting Laser Package Having Integrated Optical Element And Alignment Post	10/665662	9/19/03	0062055	3/24/05		
10030807	02	JP	Published	Surface Emitting Laser Package Having Integrated Optical Element And Alignment Post	P2004- 273527	9/21/04	2005094021	4/7/05		
10030807	03	CN	Published	Surface Emitting Laser Package Having Integrated Optical Element And Alignment Post	20041003479 1.6	5/17/04	CN 1599159A	3/23/05		
10030807	04	DE	Published	Surface Emitting Laser Package Having Integrated Optical Element And Alignment Post	10200402577 5.2	5/26/04	1020040247 75	4/14/05		
10030807	05	US	Published	Surface Emitting Laser Package Having Integrated Optical Element And Alignment Post	10/993894	11/18/04	0098790	5/12/05		
10030808	01	US	Granted	Optical Receiver Package	10/665660	9/19/03	0062117	3/24/05	6900509	5/31/05
10030808	02	JP	Published	Optical Receiver Package	P2004- 268066	9/15/04	2005094009	4/7/05		
10030808	03	CN	Published	Optical Receiver Package	20041006247 8.3	7/8/04	CN 1599059A	3/23/05		
10030808	04	DE	Published	Optical Receiver Package	10200402573 5.3	5/26/04	1020040257 35	4/21/05		
10030808	05	US	Granted	Optical Receiver Package	10/938291	9/9/04	0062119	3/24/05	6955934	10/18/05
10030825	01	US	Published	Fixed Frequency Clock Output Having A Variable High Frequency Input Clock And An Unrelated Fixed Frequency Reference Signal	10/696811	10/30/03	0093583	5/5/05		
10030825	02	JP	Published	Fixed Frequency Clock Output Having A Variable High Frequency Input Clock And An Unrelated Fixed Frequency Reference Signal	P2004- 318340	11/1/04	2005167994	6/23/05		
10030825	03	DE	Published	Fixed Frequency Clock Output Having A Variable High Frequency Input Clock And An Unrelated Fixed Frequency Reference Signal	10200403310 5.7	7/8/04	1020040331 05	6/9/05		
10030831	01	US	Pending	A Modulated Video Waveform Generator	10/903560	7/29/04				
10030831	02	JP	Pending	A Modulated Video Waveform Generator	P2005- 215634	7/26/05				
10030831	03	DE	Pending	A Modulated Video Waveform Generator	10200501185 8.5	3/15/05				
10030832	01	US	Published	Independent Video Hardware Blocks To Support Laser Printers	10/689321	10/20/03	0094164	5/5/05		
10030832	02	JP	Published	Independent Video Hardware Blocks To Support Laser Printers	P2004- 302437	10/18/04	2005125784	5/19/05		
10030832	03	DE	Published	Independent Video Hardware Blocks To Support Laser Printers	10200403173 8.0	6/30/04	1020040317 38	5/25/05		
10030850	01	US	Published	Camera Module With Ambient Light Detection	10/814072	3/30/04	0218303	10/6/05		
10030866	01	US	Published	Sleep Recovery Circuit And Method	10/676523	10/1/03	0076254	4/7/05		
10030866	02	JP	Published	Sleep Recovery Circuit And Method	P2004- 283794	9/29/04	2005108240	4/21/05		
10030866	03	DE	Published	Sleep Recovery Circuit And Method	10200402909 6.2	6/16/04	1020040290 96	4/28/05		
10030866	04	CN	Published	Sleep Recovery Circuit And Method	20041008073 1.8	10/3/04	CN	5/4/05		
10030869	01	US	Published	Low Power And Low Jitter Optical Receiver For Fiber Optic Communication Link	10/809971	3/26/04	0213995	9/29/05		
10030869	02	JP	Pending	Low Power And Low Jitter Optical Receiver For Fiber Optic Communication Link	P2005- 068373	3/11/05				
10030874	01	US	Published	Circuit And Method For Comparing Circuit Performance Between Functional And AC Scan Testing In An Integrated Circuit (IC)	10/818866	4/6/04	0229056	10/13/05		
10030874	02	GB	Published	Circuit And Method For Comparing Circuit Performance Between Functional And AC Scan Testing In An Integrated Circuit (IC)	0426819.9	12/7/04	2412971	10/12/05		

10030874	03	TW	Pending	Circuit And Method For Comparing Circuit Performance Between Functional And AC Scan Testing In An Integrated Circuit (IC)	93140524	12/24/04						
10030875	01	US	Published	Methods For Computing The CRC Of A Message From The Incremental Crc's Of Composite Sub-Messages	10/668469	9/22/03	0059984	3/25/04				
10030875	02	JP	Published	Methods For Computing The CRC Of A Message From The Incremental Crc's Of Composite Sub-Messages	P2004-270438	9/16/04	2005102213	4/14/05				
10030875	03	GB	Published	Methods For Computing The CRC Of A Message From The Incremental Crc's Of Composite Sub-Messages	0418265.5	8/16/04	2406249	3/23/05				
10030898	01	US	Published	Method Of Fabricating An Apparatus Including A Sealed Cavity And An Apparatus Embodying The Method	10/837261	4/30/04	0242419	11/3/05				
10030899	01	US	Published	Microcap Wafer Bonding Method And Apparatus	10/807417	3/23/04	0212117	9/29/05				
10030923	01	US	Pending	A Variable Frequency Generator	10/903604	7/30/04						
10030923	02	JP	Pending	A Variable Frequency Generator	P2005-212531	7/22/05						
10030923	03	DE	Pending	A Variable Frequency Generator	10200501189 8.4	3/15/05						
10030929	01	US	Published	Buffers For Light Modulation Elements In Spatial Light Modulators	10/810067	3/26/04	0213189	9/29/05				
10030929	02	JP	Published	Buffers And Light Modulation Elements In Spatial Light Modulators	P2005-092768	3/28/05	2005284287	10/13/05				
10030929	03	EP	Published	Buffers And Light Modulation Elements In Spatial Light Modulators	04025092.0	10/21/04	1583068	5/10/05				
10030956	01	US	Published	System And Method For Providing Clock Signals	10/784859	2/23/04	0188236	8/25/05				
10030958	01	US	Published	Programmable Optical Mouse	10/821594	4/9/04	0225535	10/13/05				
10030961	01	US	Published	Driver Circuit For Driving A Light Source Of An Optical Pointing Device	10/795689	3/8/04	0194915	9/8/05				
10030963	01	US	Published	Airdome Enclosure For Components	10/769935	2/2/04	0170605	8/4/05				
10030970	01	US	Published	Screenable Moisture-Passivated Planar Index-Guided VCSEL	10/731960	12/10/03	0129076	6/16/05				
10030970	02	DE	Published	Screenable Moisture-Passivated Planar Index-Guided VCSEL	1004039686.8	8/16/04	1020040396 86	7/14/05				
10030970	03	CN	Published	Screenable Moisture-Passivated Planar Index-Guided VCSEL	20041008855 6.7	11/5/04	CN1627577 A	6/15/05				
10030987	01	US	Published	VCSEL With Integrated Lens	10/794252	3/5/04	0195882	9/8/05				
10030987	02	CN	Pending	VCSEL With Integrated Lens	20051005160 0.1	3/7/05						
10030987	03	DE	Published	VCSEL With Integrated Lens	10200406356 9.2	12/30/04	1020040635 69	9/29/05				
10030987	04	JP	Published	VCSEL With Integrated Lens	P2005-056506	3/1/05	2005252257	9/15/05				
10030993	01	US	Granted	Thin-Film Acoustically-Coupled Transformer	10/699481	10/30/03	0093656	5/5/05	6946928	9/20/05		
10030993	02	JP	Published	Thin-Film Acoustically Coupled Transformer	P2004-313995	10/28/04	2005137001	5/26/05				
10030993	03	EP	Published	Thin-Film Acoustically-Coupled Transformer	04014570.8	6/22/04	1528675	5/4/05				
10031003	01	US	Pending	Optical Navigation System For Vehicles	10/975172	10/28/04						
10031003	02	TW	Pending	Optical Navigation System For Vehicles	94117241	9/26/05						
10031003	03	WO	Unfiled	Optical Navigation System For Vehicles								
10031004	01	US	Published	Buried Heterostructure Device Fabricated By Single Step MOCVD	10/787349	2/25/04	0185909	8/25/05				
10031004	02	TW	Published	Buried Heterostructure Device Fabricated By Single Step MOCVD	93127147	9/8/04	200528576	9/1/05				
10031004	03	WO	Pending	Buried Heterostructure Device Fabricated By Single Step MOCVD	US05/005838	2/24/05						
10031019	01	US	Pending	Apparatus For Capturing And Analyzing Light And Method Embodied Therein	10/853866	5/25/04						
10031026	01	US	Pending	Semiconductor Optical Modulator Having A Quantum Well Structure For Increasing Effective Photocurrent Generating Capability	11/141100	5/31/05						
10031028	01	US	Granted	Power Detector For Mismatched Load	10/633191	7/31/03	0024137	2/3/05	6924698	8/2/05		
10031028	02	US	Published	Power Detector For Mismatched Load	11/071122	3/2/05	0168211	8/4/05				
10031029	01	US	Pending	System For Determining Pointer Position Movement And Angle	10/870881	6/17/04						
10031043	01	US	Published	Self-Tuning Varactor System	10/717834	11/20/03	0110589	5/26/05				
10031043	02	TW	Published	Self-Tuning Varactor System	93114241	5/20/04	200517804	6/1/05				
10031053	01	US	Published	Phase Detector System With Asynchronous Output Override	10/718206	11/20/03	0111607	5/26/05				
10031054	01	US	Published	Low-Jitter Charge-Pump Phase-Locked Loop	10/717778	11/20/03	0111605	5/26/05				
10031054	02	TW	Published	Low-Jitter Charge-Pump Phase-Locked Loop	93114240	5/20/04	200518468	6/1/05				

10031055	01	US	Published	Single-Mode Vertical Cavity Surface Emitting Lasers And Methods Of Making The Same	10/694290	10/27/03	0089074	4/28/05		
10031055	02	JP	Published	Single-Mode Vertical Cavity Surface Emitting Lasers And Methods Of Making The Same	P2004-310832	10/26/04	2005129960	5/19/05		
10031055	03	CN	Published	Single-Mode Vertical Cavity Surface Emitting Lasers And Methods Of Making The Same	20041008045 5.5	10/10/04	CN 1612433A	5/4/05		
10031055	04	DE	Published	Single-Mode Vertical Cavity Surface Emitting Lasers And Methods Of Making The Same	10200403246 7.0	7/5/04	1020040324 67	6/2/05		
10031066	01	US	Pending	Host -Based Printer Driver	10/840696	5/5/04				
10031077	01	US	Published	An Interconnect Structure And Method For Connecting Buried Signal Lines To Electrical Devices	10/787647	2/25/04	0176272	8/11/05		
10031077	02	TW	Published	Interconnect Structure And Method For Connecting Buried Signal Line To Electrical Devices	93126034	8/30/04	200527992	8/16/05		
10031077	03	WO	Published	Interconnect Structure And Method For Connecting Buried Signal Lines To Electrical Devices	US05/006021	2/24/05	WO2005/08 2034	10/27/05		
10031082	01	US	Published	Hybrid Binary/ Thermometer Code For Controlled Voltage Integrated Circuit Output Drivers	10/835906	4/30/04	0242830	11/3/05		
10031083	01	US	Published	Differential Register Slave Structure	10/817184	4/2/04	0218949	10/6/05		
10031084	01	US	Published	A CMOS Buffer With Hysteresis	10/817668	4/2/04	0218933	10/6/05		
10031086	01	US	Pending	Method And Apparatus For Measuring Switching Noise In Integrated Circuits	10/872793	6/21/04				
10031092	01	US	Pending	Fiber Optic Connection For Digital Displays	10/966680	10/14/04				
10031092	02	JP	Pending	Fiber Optic Connection For Digital Displays	P2005- 299976	10/14/05				
10031092	03	CN	Pending	Fiber Optic Connection For Digital Displays	20051008737 2.3	7/28/05				
10031092	04	DE	Pending	Fiber Optic Connection For Digital Displays	10200503162 6.3	7/6/05				
10031094	01	US	Published	Vertically Separated Acoustic Filters And Resonators	10/785525	2/23/04	0184830	8/25/05		
10031094	02	JP	Published	Vertically Separated Acoustic Filters And Resonators	P2005- 035841	2/14/05	2005244966	9/8/05		
10031094	03	GB	Published	Vertically Separated Acoustic Filters And Resonators	0501315.6	1/21/05	2411302	8/24/05		
10031094	04	US	Pending	Vertically Separated Acoustic Filters And Resonators	11/203003	8/11/05				
10031102	01	US	Published	Photo-Array Layout For Monitoring Image Statistics	10/754434	1/9/04	0151864	7/14/05		
10031102	02	JP	Published	Photo-Array Layout For Monitoring Image Statistics	P2005- 001363	1/6/05	2005197747	7/21/05		
10031102	03	GB	Published	Photo-Array Layout For Monitoring Image Statistics	0427953.5	12/21/04	2409944	7/13/05		
10031102	04	TW	Published	Photo-Array Layout For Monitoring Image Statistics	93127427	9/10/04	200524149	7/16/05		
10031110	01	US	Granted	Self-Testing Input / Output Pad	10/807630	3/23/04	0212542	9/29/05	6963212	11/8/05
10031117	01	US	Published	Integrated Circuit Package With Improved Electro-Static Discharge Protection	10/837014	4/30/04	0242415	11/3/05		
10031119	01	US	Published	Image Rendering Apparatus With Print Preview Projection Mechanism	10/773895	2/5/04	0174349	8/11/05		
10031126	01	US	Published	Silent Mode System And Method For Portable Devices With Audible Alarm	10/768603	1/29/04	0170849	8/4/05		
10031128	01	US	Granted	Pulse Width Modulation Systems And Methods	10/825577	4/15/04			6822588	11/23/04
10031128	02	JP	Pending	Pulse Width Modulation Systems And Methods	P2005- 094286	3/29/05				
10031128	03	DE	Pending	Pulse Width Modulation Systems And Methods	10/200500117 4.8	1/10/05				
10031131	01	US	Published	Method And System For Wavelength-Dependent Imaging And Detection Using A Hybrid Filter	10/739831	12/18/03	0133693	6/23/05		
10031131	02	TW	Published	Method And System For Wavelength-Dependent Imaging And Detection Using A Hybrid Filter	93120224	7/6/04	200521480	7/1/05		
10031131	03	WO	Pending	Method And System For Wavelength-Dependent Imaging And Detection Using A Hybrid Filter	US04/042279	12/14/04				
10031133	01	US	Published	Thermal Dissipation In Integrated Circuit Systems	10/820484	4/8/04	0224954	10/13/05		
10031134	01	US	Pending	Multi-Chip Package With High-Speed Serial Communications Between Semiconductor Die	10/841741	5/7/04				
10031134	02	JP	Pending	Multi-Chip Package With High-Speed Serial Communications Between Semiconductor Die	P2005- 136634	5/9/05				
10031134	03	DE	Pending	Multi-Chip Package With High-Speed Serial Communications Between Semiconductor Die	10200500733 3.6	2/17/05				
10031136	01	US	Published	Circuit For Generating Spread Spectrum Clock	10/820691	4/8/04	0225402	10/13/05		

10031136	02	JP	Pending	Circuit For Generating Spread Spectrum Clock	P2005-085753	3/24/05				
10031136	03	DE	Pending	Circuit For Generating Spread Spectrum Clock	10200500486 0.9	2/2/05				
10031137	01	US	Pending	Motor With Mechanism For Storing Mechanical Energy For Portable Applications	10/865090	6/9/04				
10031137	02	DE	Pending	Motor With Mechanism For Storing Mechanical Energy For Portable Applications	10200500784 7.8	2/21/05				
10031143	01	US	Pending	Two-Dimensional CMOS Sensor Array To Image Documents And Other Flat Objects	10/821821	4/8/04				
10031143	02	JP	Pending	Two-Dimensional CMOS Sensor Array To Image Documents And Other Flat Objects	P2005-108389	4/5/05				
10031143	03	DE	Pending	Two-Dimensional CMOS Sensor Array To Image Documents And Other Flat Objects	10200500439 3.3	1/31/05				
10031148	01	US	Pending	Improved Conference Phone And Network Client	10/863308	6/7/04				
10031149	01	US	Pending	Cell Phones That Communicate Over A Network Of Other Cell Phones As Well As Base Stations	10/927567	8/25/04				
10031150	01	US	Pending	Handheld Printer	11/149768	6/10/05				
10031152	01	US	Published	Printer With Selectable Capabilities	10/826738	4/16/04	0231747	10/20/05		
10031153	01	US	Pending	Image Processing Apparatus With Symmetric Processors	10/915006	8/9/04				
10031155	01	US	Published	Programmable Controller System And Method For Supporting Various Operational Modes In Peripheral Devices	10/788519	2/27/04	0190393	9/1/05		
10031155	02	JP	Published	Programmable Controller System And Method For Supporting Various Operational Modes In Peripheral Devices	P2005-004695	1/12/05	2005238827	9/8/05		
10031155	03	DE	Published	Programmable Controller System And Method For Supporting Various Operational Modes In Peripheral Devices	10200404776 9.8	9/30/04	1020040477 69	9/29/05		
10031159	01	US	Published	Clock Doubler	10/826197	4/15/04	0231243	10/20/05		
10031159	02	JP	Pending	Clock Doubler	P2005-105990	4/1/05				
10031159	03	DE	Published	Clock Doubler	10200500480 7.2	2/2/05	1020050048 07	11/10/05		
10031170	01	US	Pending	Printer For Cutting Patterns In Paper	10/859698	6/2/04				
10031171	01	US	Pending	Configuring A Performance State Of An Integrated Circuit Die On A Wafer	10/847258	5/17/04				
10031173	01	US	Pending	Intergrated Circuit With Speed Measurement Circuitry	10/897531	7/23/04				
10031174	01	US	Pending	Printer With Speech Transcription Of A Recorded Voice Message	10/897945	7/23/04				
10031179	01	US	Pending	Laser Printer For Braille	10/940863	9/13/04				
10031180	01	US	Published	Method For Etching Smooth Sidewalls In III-V Based Compounds For Electro-Optical Devices	10/692772	10/24/03	0090116	4/28/05		
10031180	02	JP	Published	Method For Etching Smooth Sidewalls In III-V Based Compounds For Electro-Optical Devices	P2004-305978	10/20/04	2005129943	5/19/05		
10031180	03	EP	Pending	Method For Etching Smooth Sidewalls In III-V Based Compounds For Electro-Optical Devices	04013445.4	6/8/04	1528592			
10031180	04	CN	Published	Method For Etching Smooth Sidewalls In III-V Based Compounds For Electro-Optical Devices	20041008633 5.6	10/25/04	CN 1609712A	4/27/05		
10031180	05	SG	Pending	Method For Etching Smooth Sidewalls In III-V Based Compounds In Electro-Optical Devices	200405689-1	10/5/04				
10031183	01	US	Pending	Use Of Telephone-Specific Components To Provide Refocusing In A Camera-Ready Device	10/912952	8/5/04				
10031185	01	US	Pending	VCSEL Having An Air Gap And Protective Coating	10/892983	7/15/04				
10031185	02	JP	Pending	VCSEL Having An Air Gap And Protective Coating	P2005-206639	7/15/05				
10031185	03	CN	Pending	VCSEL Having An Air Gap And Protective Coating	20051000891 2.4	2/24/05				
10031185	04	DE	Pending	VCSEL Having An Air Gap And Protective Coating	10200501138 1.8	3/1/05				
10031185	05	KR	Pending	VCSEL Having An Air Gap And Protective Coating	2005-0063653	7/14/05				
10031185	06	TW	Pending	VCSEL Having An Air Gap And Protective Coating	094103206	2/2/05				
10031192	01	US	Pending	Integration Of Colorimetric Transducers And Detector	10/913832	8/5/04				
10031196	01	US	Published	A Programmable I/O Interface	10/826886	4/15/04	0235096	10/20/05		
10031196	02	JP	Pending	A Programmable I/O interface	P2005-108430	4/5/05				
10031196	03	DE	Published	A Programmable I/O Interface	10020050044 20.4	1/31/05	1020050044 20	11/10/05		

10031197	01	US	Published	Register Access Protocol For Multi-Processor Systems	10/799047	3/11/04	0204102	9/15/05		
10031197	02	DE	Published	Register Access Protocol For Multi-Processor Systems	1004059401.5	12/9/04	1004059401.5	10/6/05		
10031197	03	JP	Published	Register Access Protocol For Multi-Processor Systems	P2005-062090	3/7/05	2005259133	9/22/05		
10031205	01	US	Published	A Tristateable CMOS Driver With Controlled Slew Rate For Integrated Circuit I/O Pads	10/836175	4/30/04	0242831	11/3/05		
10031211	01	US	Published	Heat Transfer Structures	10/702015	11/5/03	0094916	5/5/05		
10031213	01	US	Published	Single And Multi-Layer Crystalline Structures	10/702016	11/5/03	0092233	5/5/05		
10031214	01	US	Published	Use Of Mesa Structures For Supporting Heaters On An Integrated Circuit	10/701728	11/5/03	0094932	5/5/05		
10031224	01	US	Pending	Analog Waveform Information From Binary Sampled Measurements	10/897539	7/23/04				
10031224	02	JP	Pending	Analog Waveform Information From Binary Sampled Measurements	P2005-212451	7/22/05				
10031224	03	CN	Pending	Analog Waveform Information From Binary Sampled Measurements	20051008531.2.8	7/22/05				
10031224	04	DE	Pending	Analog Waveform Information From Binary Sampled Measurements	10200501332.7.4	3/22/05				
10031228	01	US	Pending	Intergration Of Thermal Regulation And Electronic Fluid Sensing	10/981433	11/3/04				
10031244	01	US	Pending	Stable Process Induced Correction Bias Circuitry For Receivers On Single-Ended Applications	10/902559	7/29/04				
10031255	01	US	Pending	Polarization-Maintaining Retroreflector Apparatus	10/857792	5/28/04				
10031255	02	WO	Pending	Polarization-Maintaining Retroreflector Apparatus	US05/018935	5/27/05				
10031266	01	US	Pending	Digital-Signal-Recovery Circuit, Digital-Signal-Characterizing Circuit, And Related Integrated Circuits, Systems, And Methods	10/848781	5/18/04				
10031267	01	US	Pending	Photonic Crystal Resonator Apparatus With Improved Out Of Plane Coupling	10/910216	8/3/04				
10031267	02	WO	Pending	Photonic Crystal Resonator Apparatus With Improved Out Of Plane Coupling	US05/027385	8/1/05				
10031268	01	US	Pending	Circuit And Method For Transmitting An Output Using A Microelectromechanical Systems Varactor And A Series Inductive Device	10/848720	5/19/04				
10031275	01	US	Published	Apparatus And Method For Controlling A Screen Pointer	10/734712	12/12/03	0128182	6/16/05		
10031275	02	JP	Published	Apparatus And Method For Controlling A Screen Pointer	P2004-350763	12/3/04	2005174328	6/30/05		
10031275	03	GB	Published	Apparatus And Method For Controlling A Screen Pointer	0426139.2	11/26/04	2409017	6/15/05		
10031277	01	US	Published	Cavity-Less Film Bulk Acoustic Resonator (FBAR) Devices	10/969744	10/19/04	0104690	5/19/05		
10031277	02	WO	Pending	Cavity-Less Film Bulk Acoustic Resonator (FBAR) Devices	US04/36164	10/29/04				
10031278	01	US	Pending	Scan-Test Structure Having Increased Effectiveness And Related Systems And Methods	10/865057	6/9/04				
10031280	01	US	Pending	Camera Module With Dust Trap	10/838281	5/4/04				
10031281	01	US	Pending	Devices With Mechanical Drivers For Displaceable Elements	10/879610	6/29/04				
10031284	01	US	Published	Film Acoustically-Coupled Transformer With Increased Common Mode Rejection	10/965586	10/13/04	0093659	5/5/05		
10031284	02	WO	Pending	Film Acoustically-Coupled Transformer With Increased Common Mode Rejection	US04/036089	10/29/04				
10031288	01	US	Pending	Multimode Intergrated Circuit Structure	10/841752	5/6/04				
10031288	02	US	Pending	Multimode Intergrated Circuit Structure	11/165865	6/24/05				
10031303	01	US	Published	Method And Device For Optical Navigation	10/680525	10/6/03	0024336	2/3/05		
10031303	02	JP	Published	Method And Device For Optical Navigation	P2004-223866	7/30/04	2005050349	2/24/05		
10031303	03	EP	Published	Method And Device For Optical Navigation	04009854.3	4/26/04	1503275	2/2/05		
10031303	04	CN	Published	Method And Device For Optical Navigation	20041007034.5.0	7/29/04	CN 1591468A	3/9/05		
10031303	05	TW	Published	Method And Device For Optical Navigation	93111873	4/28/04	200504604	2/1/05		
10031311	01	US	Pending	A Scented Material Dispense System For A Hand-Held Device	10/919669	8/17/04				
10031311	02	WO	Pending	A Scented Material Dispense System For A Hand-Held Device	US05/028363	8/10/05				
10031312	01	US	Pending	Method And System For Capturing Close-Up Images In A Cellular Telephone	10/818405	4/5/04				
10031312	02	TW	Pending	Method And System For Capturing Close-Up Images In A Cellular Telephone	93135419	11/18/04				

10031312	03	WO	Published	Method And System For Capturing Close-Up Images In A Cellular Telephone	US05/010683	3/30/05	WO2005/101815	10/27/05		
10031321	01	US	Pending	Snap Fit Optical Element For Optical Coupling Between A Light Source And Target Element Using Surface Mount Technology	10/841896	5/6/04				
10031321	02	CN	Pending	Snap Fit Optical Element For Optical Coupling Between A Light Source And Target Element Using Surface Mount Technology	200510007289.0	2/6/05				
10031321	03	DE	Pending	Snap Fit Optical Element For Optical Coupling Between A Light Source And Target Element Using Surface Mount Technology	102005007355.7	2/17/05				
10031321	04	JP	Pending	Snap Fit Optical Element For Optical Coupling Between A Light Source And Target Element Using Surface Mount Technology	P2005-121340	4/19/05				
10031366	01	US	Published	Large Tolerance Fiber Optic Transmitter And Receiver	10/795064	3/5/04	0196100	9/8/05		
10031366	02	CN	Pending	Large Tolerance Fiber Optic Transmitter And Receiver	200510053402.9	3/7/05				
10031366	03	DE	Published	Large Tolerance Fiber Optic Transmitter And Receiver	102004059945.9	12/13/04	102004059945	9/29/05		
10031366	04	JP	Published	Large Tolerance Fiber Optic Transmitter And Receiver	P2005-056510	3/1/05	2005250480	9/15/05		
10031373	01	US	Pending	Finger-Based Identification Systems And Methods	10/839921	5/6/04				
10031461	01	US	Pending	Intergrated Circuit And Method For Receiving And Transmitting Signals Of Different Frequency Bands	10/884902	7/6/04				
10031535	01	US	Published	Integral Insert-Molded Fiber Optic Transceiver Electromagnetic Interference Shield	10/808672	3/24/04	0213871	9/29/05		
10031535	02	JP	Pending	Integral Insert-Molded Fiber Optic Transceiver Electromagnetic Interference Shield	P2005-081012	3/22/05				
10031535	03	DE	Published	Integral Insert-Molded Fiber Optic Transceiver Electromagnetic Interference Shield	102004062217.5	12/23/04	102004062217	10/27/05		
10031537	01	US	Published	Coupler Detector	10/824696	4/14/04	0231302	10/20/05		
10031537	02	JP	Pending	Coupler Detector	P2005-116774	4/14/05				
10031537	03	GB	Published	Coupler Detector	0505776.5	3/21/05	2413217	10/19/05		
10031548	01	US	Pending	Bubble Macro Mode Lens	10/853997	5/26/04				
10031549	01	US	Pending	Multiple Image Autofocus	10/857050	5/28/04				
10031558	01	US	Published	Impedance Transformation Network, Power Amplifier And Method For Efficiently Transmitting Output Signal Using A Series Varactor Device	10/804356	3/19/04	0206472	9/22/05		
10031565	01	US	Published	Intergated Circuit With Enhancement Mode Pseudomorphic High Electron Mobility Transistors Having On-Chip Electrostatic Discharge Protection	10/789301	2/26/04	0189560	9/1/05		
10031565	02	JP	Published	Intergated Circuit With Enhancement Mode Pseudomorphic High Electron Mobility Transistors Having On-Chip Electrostatic Discharge Protection	P2005-044205	2/21/05	2005244223	9/8/05		
10031565	03	GB	Published	Intergated Circuit With Enhancement Mode Pseudomorphic High Electron Mobiliity Transistors Having On-Chip Electrostatic Discharge Protection	0503964.9	2/25/05	2412238	9/21/05		
10031566	01	US	Pending	Piezoelectric Isolating Transformer	10/971169	10/22/04				
10031566	02	WO	Pending	Piezoelectric Isolating Transformer	US05/34875	9/28/05				
10031567	01	US	Published	Color Image Sensor With Imaging Elements Imaging On Respective Regions Of Sensor Elements	10/741774	12/18/03	0134698	6/23/05		
10031567	02	WO	Pending	Color Image Sensor With Imaging Elements Imaging On Respective Regions Of Sensor Elements	US04/041834	12/14/04				
10031572	01	US	Published	Color Image Sensor Having Imaging Element Array Forming Images On Respective Regions Of Sensor Elements	10/740935	12/18/03	0134712	6/23/05		
10031572	02	WO	Pending	Color Image Sensor Having Imaging Element Array Forming Images On Respective Regions Of Sensor Elements	US04/41841	12/14/04				
10031573	01	US	Pending	Pointing Device With Extended Travel	10/944335	9/16/04				
10031573	02	TW	Pending	Pointing Device With Extended Travel	94129666	8/30/05				
10031573	03	WO	Pending	Pointing Device With Extended Travel	US05/032186	9/8/05				
10031574	01	US	Pending	Slide Pad Notebook Pointing Device With Hidden Spring System	10/902909	7/29/04				
10031574	02	TW	Pending	Slidepad Notebook Pointing Device With Hidden Spring System	94113115	4/25/05				
10031574	03	WO	Pending	Slide-Pad Notebook Pointing Device With Hidden Spring System	US05/026770	7/27/05				

10031575	01	US	Pending	Tracking Separation Between An Object And A Surface Using A Reducing Structure	10/977720	10/30/04			
10040001	01	US	Pending	Single-Use Fiber Optic Cable	10/841579	5/6/04			
10040002	01	US	Published	Correcting For DC Offset In A Phase Locked Loop	10/830998	4/23/04	0237086	10/27/05	
10040002	02	EP	Published	Correcting For DC Offset In A Phase Locked Loop	04026863.3	11/11/04	04026863.3	10/26/05	
10040002	03	CN	Pending	Unknowcorrecting For DC Offset In A Phase Locked Loop	20051000057 3.5	1/7/05			
10040004	01	US	Published	Open Loop Laser Power Control In Optical Navigation	10/778869	2/12/04	0180473	8/18/05	
10040004	02	JP	Published	Open Loop Laser Power Control In Optical Navigation	P2005- 024775	2/1/05	2005229112	8/25/05	
10040004	03	DE	Published	Open Loop Laser Power Control In Optical Navigation	10200405567 8.4	11/18/04	1020040556 78.4	9/8/05	
10040004	04	GB	Published	Open Loop Laser Power Control In Optical Navigation	0502583.8	2/8/05	2411045	8/17/05	
10040004	05	TW	Published	Open Loop Laser Power Control In Optical Navigation	93130576	10/8/04	200527787	8/16/05	
10040004	06	CN	Published	Open Loop Laser Power Control In Optical Navigation	20041009705 0.2	12/21/04	1655413A	8/17/05	
10040005	01	US	Pending	Light Filtering Image Sensor	10/851012	5/21/04			
10040005	02	JP	Pending	Light Filtering Image Sensor	P2005- 145135	5/18/05			
10040005	03	CN	Pending	Light Filtering Image Sensor	20051000721 5.7	2/4/05			
10040005	04	DE	Pending	Light Filtering Image Sensor	10200500559 0.7	2/7/05			
10040005	05	IL	Pending	Light Filtering Image Sensor	166071	12/30/04			
10040005	06	TW	Pending	Light Filtering Image Sensor	093141826	12/31/04			
10040007	01	US	Pending	Optical Turn System For Optoelectronic Modules	10/995691	11/22/04			
10040007	02	JP	Unfiled	Optical Turn System For Optoelectronic Modules					
10040007	03	GB	Unfiled	Optical Turn System For Optoelectronic Modules					
10040007	04	CN	Pending	Optical Turn System For Optoelectronic Modules				10/28/05	
10040008	01	US	Pending	Passive Alignment Using Elastic Averaging In Optoelectronics Applications	10/994764	11/22/04			
10040008	02	JP	Unfiled	Passive Alignment Using Elastic Averaging In Optoelectronics Applications					
10040008	03	GB	Unfiled	Passive Alignment Using Elastic Averaging In Optoelectronics Applications					
10040008	04	CN	Unfiled	Passive Alignment Using Elastic Averaging In Optoelectronics Applications					
10040009	01	US	Pending	Optical Surface Mount Technology Package	10/841897	5/6/04			
10040009	02	JP	Pending	Optical Surface Mount Technology Package	P2005- 134138	5/2/05			
10040009	03	CN	Pending	Optical Surface Mount Technology Package	20051005131. X	1/28/05			
10040009	04	GB	Pending	Optical Surface Mount Technology Package	0509064.2	5/4/05			
10040011	01	US	Pending	Method Of Making A Long Wavelength Indium Gallium Arsenide Nitride (InGaAsN) Active Region	10/785747	2/23/04			
10040013	01	US	Published	Film Bulk Acoustic Resonator (FBAR) Devices With Simplified Packaging	10/969636	10/19/04	0110597	5/26/05	
10040013	02	WO	Pending	Film Bulk Acoustic Resonator (FBAR) Devices With Simplified Packaging	US04/036136	10/29/04			
10040021	01	US	Pending	Bipolar Transistor With Nonselective Epitaxial Base And Raised Extrinsic Base	10/886461	7/7/04			
10040021	02	JP	Pending	Bipolar Transistor With Nonselective Epitaxial Base And Raised Extrinsic Base	P2005- 199276	7/7/05			
10040021	03	GB	Pending	Bipolar Transistor With Nonselective Epitaxial Base And Raised Extrinsic Base	0513174.3	6/28/05			
10040022	01	US	Pending	Digital Camera Producing Image Embedded With Diagnostic Characteristic	10/841854	5/7/04			
10040024	01	US	Pending	Methods To Gather And Display Pin Congestion Statistics Using Graphical User Interface	10/866457	6/11/04			
10040026	01	US	Pending	Puck-Based Input Device With Rotation Detection	10/931113	8/30/04			
10040026	02	TW	Pending	Puck-Based Input Device With Rotation Detection	94103633	2/4/05			
10040026	03	WO	Pending	Puck-Based Input Device With Rotation Detection		8/30/05			
10040038	01	US	Published	Film Acoustically-Coupled Transformer With Reverse C-Axis Piezoelectric Material	10/836653	4/29/04	0093657	5/5/05	
10040038	02	JP	Published	Film Acoustically-Coupled Transformer With Reverse C-Axis Piezoelectric Material	P2004- 312806	10/27/04	2005136991	5/26/05	
10040038	03	EP	Published	Film Acoustically-Coupled Transformer With Reverse C-Axis Piezoelectric Material	04015551.7	7/1/04	1528676	5/4/05	
10040043	01	US	Pending	Electroabsorption--Modulated Ferot-Perot Laser And Methods Of Making The Same	10/867853	6/15/04			

10040043	02	TW	Pending	Electroabsorption-Modulated Fabry-Perot Laser And Methods Of Making The Same	93136855	11/30/04				
10040043	03	WO	Pending	Electroabsorption-Modulated Fabry-Perot Laser And Methods Of Making The Same	US05/020804	6/13/05				
10040048	01	US	Pending	Spectral Normalization Using Illuminant Exposure Estimation	11/054095	2/8/05				
10040048	02	JP	Unfiled	Spectral Normalization Using Illuminant Exposure Estimation						
10040048	03	GB	Unfiled	Spectral Normalization Using Illuminant Exposure Estimation						
10040053	01	US	Pending	Lida For Wafer-Scale Optoelectric Packages	10/877615	6/24/04				
10040053	02	JP	Pending	Lida For Wafer-Scale Optoelectric Packages	P2005-163977	6/3/05				
10040053	03	CN	Pending	Lida For Wafer-Scale Optoelectric Packages	20051005989 0.4	4/1/05				
10040053	04	DE	Pending	Lida For Wafer-Scale Optoelectric Packages	10200501092 6.8	3/9/05				
10040053	05	US	Pending	Lids For Wafer-Scale Optoelectric Packages	11/097534	3/31/05				
10040064	01	US	Published	Camera Module	10/794961	3/5/04	0195319	9/8/05		
10040067	01	US	Pending	Semiconductor Quantum Well Devices And Method Of Making The Same	10/867037	6/14/04				
10040067	02	TW	Pending	Semiconductor Quantum Well Devices And Methods Of Making The Same	93136850	11/30/04				
10040067	03	WO	Pending	Semiconductor Quantum Well Devices And Methods Of Making The Same	US05/020797	6/13/05				
10040068	01	US	Pending	Multi-Channel Fabry-Perot Laser Transmitters And Methods Of Generating Multiple Modulated Optical Signals	10/936057	9/8/04				
10040069	01	US	Unfiled	Arrays - Proposal For Low Cost High Speed Optical Transmitter Architecture For Longer (multi Km) Reach Applications						
10040072	01	US	Pending	Delay Locked Loop Circuit And Method For Testing The Operability Of The Circuit	10/844068	5/12/04				
10040077	01	US	Published	Apparatus For Controlling The Position Of A Screen Pointer That Detects Defective Pixels	10/795688	3/8/04	0195163	9/8/05		
10040091	01	US	Pending	Testing Input/output Voltages In Integrated Circuits	10/917766	8/13/04				
10040091	02	GB	Pending	Low Power CMOS Switching	0516170.8	8/5/05				
10040092	01	US	Pending	Integrated Circuit Input/output Signal Termination With Reduced Power Dissipation	11/005784	12/7/04				
10040096	01	US	Pending	Wideband Image Rejection Mixer	10/990647	11/18/04				
10040097	01	US	Published	Integrated Circuit Package Provided With Cooperatively Arranged Illumination And Sensing Capabilities	10/784487	2/23/04	0188710	8/25/05		
10040097	02	JP	Published	Integrated Circuit Package Provided With Cooperatively Arranged Illumination And Sensing Capabilities	P2005-043698	2/21/05	2005244974	9/8/05		
10040097	03	GB	Published	Integrated Circuit Package Provided With Cooperatively Arranged Illumination And Sensing Capabilities	0503654.6	2/22/05	2411765	9/7/05		
10040097	04	MY	Pending	Integrated Circuit Package Provided With Cooperatively Arranged Illumination And Sensing Capabilities	PI 20045011	12/3/04				
10040097	05	TW	Published	Integrated Circuit Package Provided With Cooperatively Arranged Illumination And Sensing Capabilities	93131509	10/18/04	200529401	9/1/05		
10040097	06	CN	Published	Integrated Circuit Package Provided With Cooperatively Arranged Illumination And Sensing Capabilities	20041008665 8.5	12/10/04	CN 1661788A	8/31/05		
10040098	01	US	Granted	Lead Frame With Interdigitated Pins	10/801512	3/15/04			6929485	8/16/05
10040098	02	JP	Published	Lead Frame With Interdigitated Pins	P2005-070609	3/14/05	2005268789	9/29/05		
10040098	03	GB	Published	Lead Frame With Interdigitated Pins	0502585.3	2/8/05	2412237	9/21/05		
10040102	01	US	Pending	Multi-Magnification Color Image Sensor	10/927328	8/25/04				
10040102	02	TW	Pending	Multi-Magnification Color Image Sensor	94103693	2/4/05				
10040102	03	WO	Pending	Multi-Magnification Color Image Sensor	US05/028405	8/10/05				
10040117	01	US	Pending	Envelope Detector With DC Level Shifting	10/924699	8/24/04				
10040119	01	US	Pending	Intergrated Circuit Having On-Chip Laser Burn-In Circuit	10/903179	7/29/04				
10040121	01	US	Pending	Power Amplifier With Switchable Load	10/913051	8/6/04				
10040136	01	US	Pending	Self-Monitoring Light Emitting Apparatus	10/923074	8/20/04				
10040136	02	JP	Pending	Self-Monitoring Light Emitting Apparatus	P2005-217071	7/27/05				

10040136	03	CN	Pending	Self-Monitoring Light Emitting Apparatus	20051005363 7.8	3/9/05				
10040136	04	DE	Pending	Self-Monitoring Light Emitting Apparatus	10200501605 2.2	4/7/05				
10040136	05	TW	Pending	Self-Monitoring Light Emitting Apparatus	94107354	3/10/05				
10040145	01	US	Pending	Multi-Port Random Access Memory	10/858748	6/1/04				
10040145	02	JP	Pending	Multi-Port Random Access Memory	P2005- 161159	6/1/05				
10040145	03	DE	Pending	Multi-Port Random Access Memory	10200501093 1.4	3/9/05				
10040154	02	US	Pending	Method And Apparatus For Enabling A User To Determine Whether A Defective Location In A Memory Device Has Been Remapped To A Redundant Memory Portion	11/208681	8/22/05				
10040157	01	US	Pending	Buried Heterostructure Device Having Integrated Waveguide Grating Fabricated By Single Step MOCVD	11/154034	6/16/05				
10040158	01	US	Pending	Axis Translation Installation Mechanism For Optoelectronic Modules	10/989013	11/15/04				
10040168	01	US	Pending	Propagation Of A Dynamic Signal To A Quasi-Differential Receiver Biased By An Ungrounded Driver-Side Bias Signal	10/854103	5/25/04				
10040169	01	US	Pending	Reset Circuitry For An Intergrated Circuit	10/858771	6/1/04				
10040169	02	JP	Pending	Reset Circuitry For An Intergrated Circuit	P2005- 161160	6/1/05				
10040169	03	DE	Pending	Reset Circuitry For An Intergrated Circuit	10200501005 6.2	3/4/05				
10040180	01	US	Published	RF Power Amplifier With Load Insensitive Indirect Forward Power Detector	10/832791	4/26/04	0237110		10/27/05	
10040180	02	GB	Pending	RF Power Amplifier With Load Insensitive Indirect Forward Power Detector	0506327.6	3/29/05				
10040183	01	US	Pending	Image Sensor Having Integrated Electrical Optical Device And Related Method	10/926152	8/24/04				
10040183	02	JP	Pending	Image Sensor Having Integrated Electrical Optical Device And Related Method	P2005- 240926	8/23/05				
10040183	03	DE	Pending	Image Sensor Having Integrated Electrical Optical Device And Related Method	10200501656 4.8	4/11/05				
10040183	04	TW	Pending	Image Sensor Having Integrated Electrical Optical Device And Related Method	94105016	2/21/05				
10040185	01	US	Pending	Electroabsorption Modulators And Methods Of Making The Same	10/848870	5/19/04				
10040185	02	JP	Pending	Electroabsorption Modulators And Methods Of Making Same	P2005- 142271	5/16/05				
10040185	03	EP	Published	Electroabsorption Modulators And Methods Of Making Same	04028039.8	11/25/04	1598692		11/23/05	
10040194	01	US	Pending	Method And Apparatus For Low Parasitic Capacitance Butt-Joined Passive Waveguide Connected To An Active Structure	10/944326	9/17/04				
10040194	02	JP	Pending	Method And Apparatus For La Low Parasitic Capacitance Butt-Joined Passive Waveguide Connected To An Active Structure	P2005- 272320	9/20/05				
10040194	03	EP	Pending	Method And Apparatus For A Low Parasitic Capacitance Butt-Joined Passive Waveguide Connected To An Active Structure	05006936.8	3/30/05				
10040207	01	US	Pending	Laser Printer With Reduced Banding Artifacts	11/016004	12/16/04				
10040207	02	JP	Unfiled	Laser Printer With Reduced Banding Artifacts						
10040207	03	GB	Unfiled	Laser Printer With Reduced Banding Artifacts						
10040208	01	US	Pending	Method And Apparatus For Determining The Mechanical Sinusoidal Deflection Angle Of An Oscillating Mirror In A Laser Printer	10/913735	8/6/04				
10040208	02	JP	Pending	Method And Apparatus For Determining The Mechanical Sinusoidal Deflection Angle Of An Oscillating Mirror In A Laser Printer	P2005- 226368	8/4/05				
10040208	03	GB	Pending	Method And Apparatus For Determining The Mechanical Sinusoidal Deflection Angle Of An Oscillating Mirror In A Laser Printer	0516071.8	8/4/05				
10040209	01	US	Pending	System And Method For Scaling Data To Compensate For Slanted Scanning In A Bidirectional Scanning Laser Printer	11/118591	4/28/05				
10040209	02	JP	Unfiled	System And Method For Scaling Data To Compensate For Slanted Scanning In A Bidirectional Scanning Laser Printer						

10040209	03	GB	Unfiled	System And Method For Scaling Data To Compensate For Slanted Scanning In A Bidirectional Scanning Laser Printer						
10040212	01	US	Unfiled	*Improved Color Pixel Sensor						
10040213	01	US	Published	Optoelectronic Rapid Diagnostic Test System	10/816636	4/1/04	0221504	10/6/05		
10040213	02	CA	Pending	Optoelectronic Rapid Diagnostic Test System	2496986	2/14/05				
10040213	03	CN	Pending	Optoelectronic Rapid Diagnostic Test System	20051005989 2.3	4/1/05				
10040213	04	IN	Pending	Optoelectronic Rapid Diagnostic Test System	259/KOL/05	3/31/05				
10040213	05	EP	Published	Optoelectronic Rapid Diagnostic Test System	04030193.9	12/20/04	1582598	10/5/05		
10040213	06	US	Published	Optoelectronic Rapid Diagnostic Test System	11/044394	1/26/05	0221505	10/6/05		
10040235	01	US	Pending	Driver Circuit That Employs Feedback To Enable Operation Of Output Transistor In Triode Region And Saturation Region	10/915795	8/10/04				
10040253	01	US	Pending	Pad-Limited Integrated Circuit	10/879290	6/29/04				
10040254	01	US	Pending	Power Source For Sensors	10/896253	7/21/04				
10040255	01	US	Pending	System Powered Via Signal On Gas Pipe	10/852562	5/24/04				
10040255	02	JP	Pending	System Powered Via Signal On Gas Pipe	P2005- 146578	5/19/05				
10040255	03	GB	Pending	System Powered Via Signal On Gas Pipe	0510063.1	5/17/05				
10040256	01	US	Pending	Utility Meter Reading System	10/890907	7/14/04				
10040260	01	US	Pending	Systems And Methods For Generating A Reference Voltage	10/862552	6/7/04				
10040273	01	US	Pending	Soil Battery	10/896254	7/21/04				
10040293	01	US	Pending	Balun With Structural Enhancements	10/974192	10/27/04				
10040311	01	US	Pending	Method And Structure For Improved LED Light Output	10/971380	10/22/04				
10040311	02	TW	Pending	Method And Structure For Improved LED Light Output	94127873	8/16/05				
10040311	03	WO	Pending	Method And Structure For Improved LED Light Output	US05/34652	9/28/05				
10040348	01	US	Published	Apparatus For Controlling The Position Of A Screen Pointer With Low Sensitivity To Particle Contamination	10/805814	3/22/04	0206614	9/22/05		
10040348	02	JP	Published	Apparatus For Controlling The Position Of A Screen Pointer With Low Sensitivity To Particle Contamination	P2005- 078699	3/18/05	2005276202	10/6/05		
10040348	03	CN	Pending	Apparatus For Controlling The Position Of A Screen Pointer With Low Sensitivity To Particle Contamination	20041009662 2.5	11/23/04				
10040348	04	DE	Published	Apparatus For Controlling The Position Of A Screen Pointer With Low Sensitivity To Particle Contamination	10200500486 1.7	2/2/05	1020050048 61	10/20/05		
10040348	05	TW	Pending	Apparatus For Controlling The Position Of A Screen Pointer With Low Sensitivity To Particle Contamination	093135999	11/23/04				
10040349	01	US	Published	Contaminant-Resistant Optical Mouse And Cradle	10/806367	3/22/04	0206617	9/22/05		
10040349	02	JP	Published	Contaminant-Resistant Optical Mouse And Cradle	P2005- 081235	3/22/05	2005276210	10/6/05		
10040349	03	CN	Pending	Contaminant-Resistant Optical Mouse And Cradle	20051000015 5.6	1/5/05				
10040349	04	DE	Published	Contaminant-Resistant Optical Mouse And Cradle	10200500116 7.5	1/10/05	1020050011 67	10/20/05		
10040349	05	TW	Pending	Contaminant-Resistant Optical Mouse And Cradle	093140142	12/22/04				
10040353	01	US	Published	Sectional Power/voltage/current Limiter For A Multi-Phase Amplifier	10/795026	3/5/04	0195026	9/8/05		
10040353	02	GB	Published	Sectional Power/voltage/current Limiter For A Multi-Phase Amplifier	0504188.4	3/1/05	2411782	9/7/05		
10040409	01	US	Pending	Schottky Diodes And Methods Of Making The Same	10/964163	10/13/04				
10040422	01	US	Pending	CMOS Image Sensor With Reduced 1/f Noise	10/842303	5/10/04				
10040422	02	JP	Pending	CMOS Image Sensor With Reduced 1/f Noise	P2005- 121341	4/19/05				
10040422	03	CN	Pending	CMOS Image Sensor With Reduced 1/f Noise	20051000243 2.7	1/21/05				
10040422	04	DE	Pending	CMOS Image Sensor With Reduced 1/f Noise	10200500733 0.1	2/17/05				
10040422	05	GB	Pending	CMOS Image Sensor With Reduced 1/f Noise	0508457.9	4/26/05				
10040422	06	TW	Pending	CMOS Image Sensor With Reduced 1/f Noise	093141403	12/30/04				
10040430	01	US	Pending	Zone Two Fiber Optic Cable	10/923582	8/20/04				
10040442	01	US	Published	Apparatus For Controlling The Position Of A Screen Pointer That Wirelessly Transmits Compressed Data	10/825476	4/15/04	0231472	10/20/05		

10040442	02	JP	Pending	Apparatus For Controlling The Position Of A Screen Pointer That Wirelessly Transmits Compressed Date	P2005-109791	4/6/05				
10040442	03	GB	Published	Apparatus For Controlling The Position Of A Screen Pointer That Wirelessly Transmits Compressed Date	0505837.5	3/22/05	2413198	10/19/05		
10040456	01	US	Pending	Automatic Meter Reading	10/925828	8/25/04				
10040471	01	US	Pending	System And Method For Front-End Bypass Testing In An Electronic Circuit	10/892058	7/15/04				
10040472	01	US	Pending	System And Method For Write-Enable Bypass Testing In An Electronic Circuit	10/892049	7/15/04				
10040485	01	US	Published	Random Noise Generator And A Method For Generating Random Noise	10/946407	9/21/04	0038840	2/17/05		
10040485	02	CN	Pending	Random Noise Generator And A Method For Generating Random Noise	20051010320 0.0	9/20/05				
10040485	03	IN	Pending	Random Noise Generator And A Method For Generating Random Noise	697/KOL/05	8/2/05				
10040494	01	US	Pending	Transparent Recovery Of Switch Device	10/939531	9/13/04				
10040494	02	JP	Pending	Transparent Recovery Of Switch Device	P2005-264792	9/13/05				
10040494	03	GB	Pending	Transparent Recovery Of Switch Device	0517069.1	8/19/05				
10040500	01	US	Pending	Cam Locking Positioning Mechanism	10/870215	6/17/04				
10040500	02	TW	Pending	Cam-Locking Positioning Mechanism	93136854	11/30/04				
10040500	03	WO	Pending	CAM-Locking Positioning Mechanism	US05/020786	6/13/05				
10040502	01	US	Pending	Packet Transmission Using Output Buffer	10/941426	9/15/04				
10040502	02	JP	Pending	Packet Transmission Using Output Buffer	P2005-260818	9/8/05				
10040502	03	GB	Pending	Packet Transmission Using Output Buffer	0518656.4	9/13/05				
10040503	01	US	Pending	Slave Device Having Independent Error Recovery	10/933750	9/3/04				
10040503	02	JP	Pending	Slave Device Having Independent Error Recovery	P2005-256229	9/5/05				
10040503	03	GB	Pending	Slave Device Having Independent Error Recovery	0515537.9	7/28/05				
10040508	01	US	Pending	Monitoring System For Cooking Station	10/854464	5/26/04				
10040510	01	US	Pending	Flame Quality Sensor	10/896252	7/21/04				
10040512	01	US	Pending	Wideband Up-Conversion Mixer	10/990842	11/16/04				
10040513	01	US	Pending	Method And Apparatus For Automating VLSI Modification Made After Routing Has Been Performed	10/895170	7/20/04				
10040514	01	US	Pending	Acoustically Coupled Thin-Film Resonators	10/980562	11/3/04				
10040514	02	GB	Pending	Acoustically Coupled Thin-Film Resonators	0522393.8	11/2/05				
10040516	01	US	Pending	Motion Sensor System	11/021035	12/22/04				
10040517	01	US	Pending	Method For Locating A Light Source Relative To Optics In An Optical Mouse	10/840068	5/5/04				
10040517	02	JP	Pending	Method For Locating A Light Source Relative To Optics In An Optical Mouse	P2005-132529	4/28/05				
10040517	03	CN	Pending	Method For Locating A Light Source Relative To Optics In An Optical Mouse	20051000025 7.8	1/7/05				
10040517	04	GB	Pending	Method For Locating A Light Source Relative To Optics In An Optical Mouse	0508974.3	5/3/05				
10040517	05	TW	Pending	Method For Locating A Light Source Relative To Optics In An Optical Mouse	093140798	12/27/04				
10040519	01	US	Published	Apparatus And Method For Compensating Clock Period Elongation During Scan Testing In An Integrated Circuit (IC)	10/818884	4/6/04	0222795	10/6/05		
10040519	02	GB	Published	Apparatus And Method For Compensating Clockperiod Elongation During Scan Testing In An Integrated Circuit (IC)	05250016.2	1/5/05	1584940	10/12/05		
10040519	03	TW	Pending	Apparatus And Method For Compensating Clockperiod Elongation During Scan Testing In An Integrated Circuit (IC)	93135660	11/19/04				
10040522	01	US	Pending	Optoelectronic Assembly With Coupling Features For Alignment	10/903564	7/29/04				
10040522	02	JP	Pending	Optoelectronic Assembly With Coupling Features For Alignment	P2005-215506	7/26/05				
10040522	03	CN	Pending	Optoelectronic Assembly With Coupling Features For Alignment	20051008531 3.2	7/22/05				
10040522	04	GB	Pending	Optoelectronic Assembly With Coupling Features For Alignment	0513065.3	6/27/05				
10040523	01	US	Pending	Method To Fabricate Diffractive Optics	10/913745	8/6/04				
10040523	02	JP	Pending	Method To Fabricate Diffractive Optics	P2005-229476	8/8/05				
10040523	03	CN	Pending	Method To Fabricate Diffractive Optics	20051008910 5.X	8/2/05				

10040523	04	GB	Pending	Method To Fabricate Diffractive Optics	0516072.6	8/4/05				
10040525	01	US	Pending	Acoustic Resonator Performance Enhancement Using Recessed Region	10/867540	6/14/04				
10040525	02	JP	Pending	Acoustic Resonator Performance Enhancement Using Recessed Region	P2005-169397	6/9/05				
10040525	03	GB	Pending	Acoustic Resonator Performance Enhancement Using Recessed Region	0511765.0	6/9/05				
10040529	01	US	Pending	A Delay-Locked Loop And A Method Of Testing A Delay-Locked Loop	10/869582	6/16/04				
10040529	02	US	Unfiled	A Delay-Locked Loop And A Method Of Testing A Delay-Locked Loop						
10040533	01	US	Pending	Low Power CMOS Switching	10/941187	9/15/04				
10040533	02	GB	Pending	Low Power CMOS Switching	0517071.7	8/19/05				
10040539	01	US	Pending	Acoustically Coupled Resonators And Method Of Making The Same	11/109596	4/18/05				
10040539	02	GB	Unfiled	Acoustically Coupled Resonators And Method Of Making The Same						
10040540	01	US	Pending	Measuring The 3 Db Frequency Bandwidth Of A Phase Locked Loop	10/999359	11/30/04				
10040540	02	TW	Pending	Measuring The 3db Frequency Bandwidth Of A Phase Locked Loop	94117236	5/26/05				
10040540	03	WO	Unfiled	Measuring The 3db Frequency Bandwidth Of A Phase Locked Loop						
10040555	01	US	Pending	Cell Phone Based Product Research	10/997111	11/24/04				
10040557	01	US	Pending	Printer With Piercing Device	11/144215	6/2/05				
10040560	01	US	Pending	Scanning Non-Flat Objects With A 2-D CMOS/CCD Sensor	10/991827	11/19/04				
10040561	01	US	Pending	System And Method For Generating A Custom Font	11/138128	5/26/05				
10040562	01	US	Pending	Inkjet Printer With Carbon Copy Capability	11/069188	2/28/05				
10040564	01	US	Pending	Camera That Stores Pictures On A Remote System	11/068152	2/28/05				
10040567	01	US	Pending	Hybrid Printer And Related System And Method	11/087284	3/22/05				
10040568	01	US	Pending	Arrangements Of Lattice Filter	10/974078	10/26/04				
10040579	01	US	Pending	First-In-First-Out Intermediate Image Storage	10/948505	9/23/04				
10040589	01	US	Pending	System And Method For Creating Document Effects	10/997021	11/23/04				
10040590	01	US	Pending	System And Method For Creating Document Finishes	10/996968	11/23/04				
10040590	02	JP	Unfiled	System And Method For Creating Document Finishes						
10040590	03	GB	Unfiled	System And Method For Creating Document Finishes						
10040593	01	US	Pending	Wireless Internet Telephone	11/133616	5/20/05				
10040606	01	US	Pending	Protection Circuit For A Transistor	11/012705	12/15/04				
10040606	02	CN	Pending	Protection Circuit For A Transistor	20051011285 9.2	10/14/05				
10040606	03	GB	Unfiled	Protection Circuit For A Transistor						
10040607	01	US	Pending	Power Down Circuit	11/060018	2/17/05				
10040618	01	US	Pending	An Efficient Method For Reading Meter Values By Processing Digital Images Of A Meter	10/927712	8/27/04				
10040634	01	US	Pending	Boost Signal Interface Method And Apparatus	10/981011	11/3/04				
10040635	01	US	Pending	Semiconductor Package And Fabrication Method	10/985312	11/9/04				
10040635	02	CN	Pending	Semiconductor Package And Fabrication Method		10/28/05				
10040644	01	US	Pending	Characterizing Eye Diagrams	10/996579	11/23/04				
10040644	02	WO	Unfiled	Characterizing Eye Diagrams						
10040651	01	US	Pending	Monolithic Living Hinge Small Form Factor Transceiver Bail-Delatch	11/129138	5/13/05				
10040652	01	US	Pending	Optical Link Bandwidth Improvement	11/000108	11/30/04				
10040652	02	JP	Unfiled	Optical Link Bandwidth Improvement						
10040652	03	DE	Pending	Optical Link Bandwidth Improvement	10200503889 4.9	8/17/05				
10040657	01	US	Pending	Method And Apparatus For Automatic Post-Tape Release VLSI Modifications	10/950919	9/27/04				
10040659	01	US	Pending	Imaging With Clustered Photosite Arrays	11/008451	12/9/04				
10040660	01	US	Pending	Camera With Scalable Resolution	10/915591	8/9/04				
10040660	02	JP	Pending	Camera With Scalable Resolution	P2005-231404	8/9/05				
10040660	03	GB	Pending	Camera With Scalable Resolution	0514485.2	7/14/05				
10040665	01	US	Pending	Interconnecting A Port Of A Microwave Package And A Microwave Component Mounted In The Microwave Circuit Package	10/950131	9/24/04				

10040665	02	CN	Pending	Interconnecting A Port Of A Microwave Package And A Microwave Component Mounted In The Microwave Circuit Package	20051050327 0.6	9/20/05				
10040665	03	GB	Pending	Interconnecting A Port Of A Microwave Package And A Microwave Component Mounted In The Microwave Circuit Package	0519576.3	9/26/05				
10040677	01	US	Pending	Slide Pad Notebook Pointing Device With A Sealed Spring System	11/165904	6/24/05				
10040684	01	US	Pending	Cellular Phone And Method For Receiving And Transmitting Signals Of Different Requency Bands	11/004239	12/2/04				
10040692	01	US	Pending	Wireless Printer Configuration Module	10/990022	11/16/04				
10040692	02	JP	Unfiled	Wireless Printer Configuration Module						
10040692	03	GB	Pending	Wireless Printer Configuration Module	0521654.4	10/24/05				
10040692	04	CN	Pending	Wireless Printer Configuration Module		11/16/05				
10040696	01	US	Pending	Method And System For Shaping A Spatial Response Of A Spatial Filter	10/993938	11/19/04				
10040696	02	JP	Unfiled	Method And System For Shaping A Spatial Response Of A Spatial Filter						
10040696	03	CN	Pending	Method And System For Shaping A Spatial Response Of A Spatial Filter	20051009316 7.8	8/19/05				
10040696	04	GB	Unfiled	Method And System For Shaping A Spatial Response Of A Spatial Filter						
10040696	05	KR	Unfiled	Method And System For Shaping A Spatial Response Of A Spatial Filter						
10040696	06	TW	Pending	Method And System For Shaping A Spatial Response Of A Spatial Filter	094125143	7/25/05				
10040711	01	US	Pending	Printer Based Modem	10/997572	11/24/04				
10040712	01	US	Pending	Systems For And Methods Of Remote Host-Based Media Presentation	11/121402	5/3/05				
10040713	01	US	Pending	Systems For And Methods Of Presenting Digital Images	11/105816	4/13/05				
10040722	01	US	Pending	Intergrated-Circuit Die Having Redundant Signal Pads Related Intergrated Circuit, System And Method	11/139248	5/27/05				
10040728	01	US	Published	Film Acoustically-Coupled Transformers With Two Reverse C-Axis Piezoelectric Elements	10/836663	4/29/04	0093396	5/5/05		
10040728	02	JP	Published	Film Acoustically-Coupled Transformers Wiht Two Reverse C-Axis Piezoelectric Elements	P2004- 312852	10/27/04	2005136992	5/26/05		
10040728	03	EP	Published	Film Acoustically-Coupled Transformers With Twp Reverse C-Axis Piezoelectric Elements	04015552.5	7/1/04	1528677	5/4/05		
10040729	01	US	Pending	Method Of Determining Adhesion Quality And Apparatus Embodying The Method	11/049116	1/31/05				
10040735	01	US	Pending	Laser Power Control Manufacturing Method Of Matching Binned Lasers To Drive Conditions Through Soldering & Component Mounting Techniques To Convey Binning Information	10/952600	9/28/04				
10040735	02	CN	Pending	Laser Power Control Manufacturing Method Of Matching Binned Lasers To Drive Conditions Through Soldering & Component Mounting Techniques To Convey Binning Information	20051008542 0.5	7/18/05				
10040735	03	GB	Pending	Laser Power Control Manufacturing Method Of Matching Binned Lasers To Drive Conditions Through Soldering & Component Mounting Techniques To Convey Binning Information	0519755.3	9/28/05				
10040735	04	IN	Pending	Laser Power Control Manufacturing Method Of Matching Binned Lasers To Drive Conditions Through Soldering & Component Mounting Techniques To Convey Binning Information	1670/DEL/200 5	6/28/05				
10040737	01	US	Pending	Read-Write Assay System	11/004390	12/3/04				
10040737	02	EP	Pending	Read-Write Assay System	05015004.4	7/11/05				
10040737	03	CA	Unfiled	Read-Write Assay System						
10040737	04	CN	Unfiled	Read-Write Assay System						
10040737	05	IN	Pending	Read-Write Assay System	1812/DEL/200 5	7/13/05				
10040737	06	JP	Unfiled	Read-Write Assay System						
10040769	01	US	Pending	Planar Fly's Eye Detector	11/044500	1/26/05				
10040772	01	US	Pending	System And Method For Collecting Images Of A Monitored Device	11/031747	1/7/05				
10040774	01	US	Pending	Synchronizer For Passing Data From A First System To A Second System	10/984037	11/9/04				
10040774	02	JP	Unfiled	Synchronizer For Passing Data From A First System To A Second System						

10040774	03	DE	Pending	Synchronizer For Passing Data From A First System To A Second System	10200504127 8.5	8/31/05				
10040795	01	US	Pending	Method And System For Generating Substantially Uniform Speckle Patterns	11/016415	12/17/04				
10040795	02	TW	Pending	Method And System For Generating Substantially Uniform Speckle Patterns	94128191	8/18/05				
10040797	01	US	Pending	Optical Enhancement Of Integrated Circuit Photodetectors	10/984670	11/9/04				
10040797	02	JP	Unfiled	Optical Enhancement Of Integrated Circuit Photodetectors						
10040797	03	GB	Unfiled	Optical Enhancement Of Integrated Circuit Photodetectors						
10040797	04	CN	Pending	Optical Enhancement Of Integrated Circuit Photodetectors	20051009316 8.2	8/19/05				
10040797	05	TW	Pending	Optical Enhancement Of Integrated Circuit Photodetectors	094125286	7/26/05				
10040798	01	US	Pending	Method For Fabricating Low Leakage Interconnect Layers In Integrated Circuits	10/984701	11/9/04				
10040798	02	JP	Unfiled	Method For Fabricating Low Leakage Interconnect Layers In Integrated Circuits						
10040798	03	GB	Unfiled	Method For Fabricating Low Leakage Interconnect Layers In Integrated Circuits						
10040798	04	CN	Pending	Method For Fabricating Low Leakage Interconnect Layers In Integrated Circuits	20051009316 5.9	8/19/05				
10040798	05	TW	Pending	Method For Fabricating Low Leakage Interconnect Layers In Integrated Circuits	094125149	7/25/05				
10040799	01	US	Pending	Gray Code Conversion Method And Apparatus Embodying The Same	11/020997	12/23/04				
10040803	01	US	Pending	Modular Frequency Division Filter	10/899556	7/26/04				
10040804	01	US	Pending	Method And Apparatus For DMA-Generated Memory Write-Back	10/994011	11/19/04				
10040805	01	US	Pending	Method And Apparatus For Intervalled DMA Transfer Access	10/995987	11/19/04				
10040809	01	US	Pending	Temperature-Compensated Resistor And Fabrication Method Therefor	10/982009	11/5/04				
10040809	02	CN	Pending	Temperature-Compensated Resistor And Fabrication Method Therefor		10/31/05				
10040810	01	US	Pending	Imaging System	10/974077	10/27/04				
10040811	01	US	Pending	Laser Print Apparatus With Dual Halftones	10/974079	10/27/04				
10040811	02	JP	Pending	Laser Print Apparatus With Dual Halftones	P2005- 298437	10/13/05				
10040811	03	CN	Pending	Laser Print Apparatus With Dual Halftones	20051009389 7.8	8/31/05				
10040811	04	GB	Pending	Laser Print Apparatus With Dual Halftones	0521853.2	10/26/05				
10040813	01	US	Pending	System And Method For Bonding Camera Components After Adjustment	10/936900	9/9/04				
10040814	01	US	Pending	Test Data Pattern For Testing A CRC Algorithm	10/939880	9/13/04				
10040814	02	CN	Pending	Test Data Pattern For Testing A CRC Algorithm	20051006936 3.1	5/13/05				
10040839	01	US	Pending	Laser Print Apparatus With Toner Explosion Compensation	10/977247	10/29/04				
10040839	02	JP	Unfiled	Laser Print Apparatus With Toner Explosion Compensation						
10040839	03	CN	Pending	Laser Print Apparatus With Toner Explosion Compensation	20051009389 5.9	8/31/05				
10040839	04	GB	Pending	Laser Print Apparatus With Toner Explosion Compensation	0522057.9	10/28/05				
10040840	01	US	Pending	Method And Apparatus For Image Processing	10/938098	9/10/04				
10040841	01	US	Pending	Method And Apparatus For Image Processing	10/945735	9/20/04				
10040842	01	US	Pending	An Image Processing Method And Device	10/941859	9/16/04				
10040843	01	US	Pending	Resolution Doubling For Printer Apparatus	10/976937	10/29/04				
10040844	01	US	Pending	Arrangement Of Input/output Pads In An Intergrated Circuit	11/021076	12/22/04				
10040844	02	JP	Unfiled	Arrangement Of Input/output Pads In An Intergrated Circuit						
10040844	03	GB	Unfiled	Arrangement Of Input/output Pads In An Intergrated Circuit						
10040845	01	US	Pending	Method For Switching A Power Amplifier	11/093900	3/29/05				
10040845	02	CN	Unfiled	Method For Switching A Power Amplifier						
10040845	03	GB	Unfiled	Method For Switching A Power Amplifier						
10040846	01	US	Pending	Apparatus For Controlling The Position Of A Screen Pointer With A Low Sensitivity To Fixes Pattern Noise	10/931577	9/1/04				

10040846	02	JP	Pending	Apparatus For Controlling The Position Of A Screen Pointer With A Low Sensitivity To Fixes Pattern Noise	P2005-253960	9/1/05				
10040846	03	CN	Pending	Apparatus For Controlling The Position Of A Screen Pointer With A Low Sensitivity To Fixes Pattern Noise	200510064249.X	4/12/05				
10040846	04	GB	Pending	Apparatus For Controlling The Position Of A Screen Pointer With A Low Sensitivity To Fixes Pattern Noise	0517816.5	9/1/05				
10040846	05	KR	Pending	Apparatus For Controlling The Position Of A Screen Pointer With A Low Sensitivity To Fixes Pattern Noise	2005-0080801	8/31/05				
10040846	06	TW	Pending	Apparatus For Controlling The Position Of A Screen Pointer With A Low Sensitivity To Fixes Pattern Noise	094109187	3/24/05				
10040847	01	US	Pending	Optical Mouse With Replaceable Contaminat Barrier	10/931584	9/1/04				
10040848	01	US	Pending	Lens Having Seamless Profile Defined By Cubic Polynomial Function	10/945660	9/21/04				
10040862	01	US	Pending	Wafer Bonding Of Micro-Electro Mechanical Systems To Active Circuitry	11/012589	12/15/04				
10040862	02	JP	Unfiled	Wafer Bonding Of Micro-Electro Mechanical Systems To Active Circuitry						
10040862	03	CN	Pending	Wafer Bonding Of Micro-Electro Mechanical Systems To Active Circuitry		11/10/05				
10040862	04	GB	Unfiled	Wafer Bonding Of Micro-Electro Mechanical Systems To Active Circuitry						
10040867	01	US	Pending	Reducing Dust Contamination In Optical Mice	10/903830	7/30/04				
10040867	02	JP	Pending	Reducing Dust Contamination In Optical Mice	P2005-221222	7/29/05				
10040867	03	GB	Pending	Reducing Dust Contamination In Optical Mice	0510682.8	5/25/05				
10040867	04	KR	Pending	Reducing Dust Contamination In Optical Mice	20050068854	7/28/05				
10040867	05	CN	Pending	Reducing Dust Contamination In Optical Mice	20050067927.8	4/28/05				
10040867	06	TW	Pending	Reducing Dust Contamination In Optical Mice	094111698	4/13/05				
10040868	01	US	Pending	Reducing Dust Contamination In Optical Mice	10/903519	7/30/04				
10040868	02	JP	Pending	Reducing Dust Contamination In Optical Mice	P2005-221225	7/29/05				
10040868	03	GB	Pending	Reducing Dust Contamination In Optical Mice	0510683.6	7/30/05				
10040868	04	KR	Pending	Reducing Dust Contamination In Optical Mice	20050068699	7/28/05				
10040868	05	CN	Pending	Reducing Dust Contamination In Optical Mice	200510069020.5	4/29/05				
10040868	06	TW	Pending	Reducing Dust Contamination In Optical Mice	094111695	4/13/05				
10040875	01	US	Pending	A Ligh-Sensing System That Uses Light Guides	11/101848	4/8/05				
10040878	01	US	Pending	Acoustic Resonator Performance Enhancement Using Selective Metal Etch	11/021085	12/22/04				
10040878	02	CN	Pending	Acoustic Resonator Performance Enhancement Using Selective Metal Etch		11/3/05				
10040878	03	GB	Unfiled	Acoustic Resonator Performance Enhancement Using Selective Metal Etch						
10040880	01	US	Unfiled	** A Single Power Amplifier For Dual Band CDMA Application						
10040884	01	US	Pending	Packaging And Manufacturing Of An Integrated Circuit	10/976750	10/29/04				
10040884	02	WO	Unfiled	Packaging And Manufacturing Of An Integrated Circuit						
10040887	01	US	Pending	Method And System For Determining Motion Based On Difference Image Correlation	11/014482	12/16/04				
10040887	02	TW	Pending	Method And System For Determining Motion Based On Difference Image Correlation	94128034	8/17/05				
10040887	03	WO	Pending	Multi-Lens Imaging Systems And Methods		10/31/05				
10040888	01	US	Pending	Safety Device For Flat Irons Based On Optical Motion Detection	10/973571	10/25/04				
10040888	02	CN	Pending	Safety Device For Flat Irons Based On Optical Motion Detection	200510087396.9	7/29/05				
10040891	01	US	Pending	Offset Correction In A Feedback System For A Voltage Controlled Oscillator	11/039114	1/20/05				
10040895	01	US	Pending	Quantum Cascade Laser With Grating Formed By A Periodic Variation In Doping	11/088299	3/23/05				
10040895	02	TW	Pending	Quantum Cascade Laser With Grating Formed By A Periodic Variation In Doping	94134062	9/29/05				
10040897	01	US	Pending	Toy That Reacts In Response To Information From A Motion Sensor	10/975980	10/28/04				

10040897	02	JP	Pending	Toy That Reacts In Response To Information From A Motion Sensor	P2005-308574	10/24/05				
10040897	03	CN	Pending	Toy That Reacts In Response To Information From A Motion Sensor	200510105864.0	9/29/05				
10040897	04	GB	Pending	Toy That Reacts In Response To Information From A Motion Sensor	0521185.9	10/18/05				
10040899	01	US	Pending	Piezoelectrically-Activated Cantilevered Spatial Light Modulator	11/131706	5/18/05				
10040908	01	US	Pending	Auto-Focus System Using Bubble Technology	10/981272	11/3/04				
10040910	01	US	Pending	Method And System For Reducing Artifacts In Image Detection	10/882038	6/30/04				
10040910	02	TW	Pending	Method And System For Reducing Artifacts In Image Detection	93136860	11/30/04				
10040910	03	WO	Pending	Method And System For Reducing Artifacts In Image Detection	US05/23386	6/29/05				
10040916	01	US	Pending	Reducing Dust Contamination In Optical Mice	11/252464	10/17/05				
10040926	01	US	Pending	Multiple-Function Inkjet Printing System With Single Motor For Carriage And Scan Head Motion	11/013820	12/16/04				
10040926	02	CN	Pending	Multiple-Function Inkjet Printing System With Single Motor For Carriage And Scan Head Motion		11/2/05				
10040926	03	GB	Pending	Multiple-Function Inkjet Printing System With Single Motor For Carriage And Scan Head Motion	0513323.6	6/29/05				
10040937	01	US	Pending	Method And System For Producing A Scent From A Hand-Help Device	11/144559	6/3/05				
10040951	01	US	Pending	Optical Mouse And Method For Removing Contaminants In An Optical Mouse	11/133652	5/19/05				
10040952	01	US	Pending	Built-In Self Test For Read-Only Memory Including A Diagnostic Mode	10/974084	10/27/04				
10040955	01	US	Published	Pass Bandwidth Control In Decoupled Stacked Bulk Acoustic Resonator Devices	10/965449	10/13/04	0093658	5/5/05		
10040955	02	WO	Pending	Pass Bandwidth Control In Decoupled Stacked Bulk Acoustic Resonator Devices	US04/036135	10/29/04				
10040974	01	US	Pending	Image Encoding With Dynamic Buffer-Capacity-Level Based Compression Adjustment	10/987260	11/12/04				
10040974	02	JP	Unfiled	Image Encoding With Dynamic Buffer-Capacity-Level Based Compression Adjustment						
10040974	03	GB	Pending	Image Encoding With Dynamic Buffer-Capacity-Level Based Compression Adjustment	0521658.5	10/24/05				
10040974	04	CN	Pending	Image Encoding With Dynamic Buffer-Capacity-Level Based Compression Adjustment	200510093163.X	8/19/05				
10040974	05	TW	Pending	Image Encoding With Dynamic Buffer-Capacity-Level Based Compression Adjustment	094125148	7/25/05				
10040987	01	US	Pending	System And Method For Automatic Masking Of Compressed Scan Chains With Unbalanced Lengths	10/980961	11/4/04				
10041004	01	US	Pending	Optical Navigation Device With Optical Navigation Quality Detector	10/918500	8/13/04				
10041004	02	IN	Unfiled	Optical Navigation Device With Optical Navigation Quality Detector						
10041005	01	US	Pending	Fissile Material Detector Having An Array Of Active Pixel Sensors	11/048990	2/1/05				
10041008	01	US	Pending	Intergration Of Micro-Electro Mechanical Systems And Active Circuitry	11/012574	12/15/04				
10041008	02	JP	Unfiled	Intergration Of Micro-Electro Mechanical Systems And Active Circuitry						
10041008	03	CN	Pending	Intergration Of Micro-Electro Mechanical Systems And Active Circuitry		11/1/05				
10041008	04	GB	Unfiled	Intergration Of Micro-Electro Mechanical Systems And Active Circuitry						
10041010	01	US	Pending	Imaging Systems And Methods	10/994077	11/19/04				
10041013	01	US	Pending	Method And Structure For Deep Well Structures For Long Wavelength Active Regions	10/970528	10/20/04				
10041013	02	TW	Pending	Method And Structures For Deep Well Structures For Long Wavelength Active Regions	94133069	9/23/05				
10041013	03	WO	Pending	Method And Structure For Deep Well Structures For Long Wavelength Active Regions	US05/34643	9/28/05				
10041026	01	US	Pending	Puck-Based Pointing Device That Provides Multiple Buttons	11/021300	12/23/04				
10041026	02	TW	Pending	Puck-Based Pointing Devices That Provides Multiple Buttons	94128195	8/18/05				
10041026	03	WO	Unfiled	Puck-Based Pointing Device That Provides Multiple Buttons						
10041029	01	US	Pending	Image-Based Sensing Of Acceleration	11/232619	9/22/05				

10041047	01	US	Pending	Optoelectronic Module With High Efficiency	10/960125	10/7/04			
10041047	02	JP	Pending	Optoelectronic Module With High Efficiency	P2005-290717	10/4/05			
10041047	03	CN	Pending	Optoelectronic Module With High Efficiency	200510089990.1	8/9/05			
10041047	04	DE	Pending	Optoelectronic Module With High Efficiency	102005031132.6	7/4/05			
10041048	01	US	Pending	Monolithic Vertical Integration Of An Acoustic Resonator And Electronic Circuitry	11/079776	3/14/05			
10041048	02	JP	Unfiled	Monolithic Vertical Integration Of An Acoustic Resonator And Electronic Circuitry					
10041048	03	GB	Unfiled	Monolithic Vertical Integration Of An Acoustic Resonator And Electronic Circuitry					
10041048	04	KR	Unfiled	Monolithic Vertical Integration Of An Acoustic Resonator And Electronic Circuitry					
10041051	01	US	Pending	Hybrid Pointing Device	11/069341	2/28/05			
10041051	02	TW	Pending	Hybrid Pointing Device	94128182	8/18/05			
10041059	01	US	Pending	Setting Imager Parameters Based On Configuration Patterns	11/087453	3/23/05			
10041060	01	US	Pending	Coding And Decoding Packetized Data	11/136257	5/24/05			
10041063	01	US	Pending	A Trace Design To Minimize Electromigration Damage In Solder Bumps	11/047887	2/1/05			
10041063	02	CN	Unfiled	A Trace Design To Minimize Electromigration Damage In Solder Bumps					
10041063	03	TW	Pending	A Trace Design To Minimize Electromigration Damage In Solder Bumps	94128009	8/17/05			
10041064	01	US	Pending	Amplifier System Having Compensated Amplification Variation	11/107284	4/14/05			
10041065	01	US	Pending	Apparatus For Classifying A Material By Analyzing The Material's Surface, And Related Systems And Method	11/019603	12/21/04			
10041069	01	US	Pending	Array Test Strips With Multiple Labels And Reading Same	11/236152	9/26/05			
10041070	01	US	Pending	Apparatus And Method For Preventing Static Current Leakage When Crossing From A Low Voltage Domain To A High Voltage Domain	11/135182	5/23/05			
10041080	01	US	Pending	Controlling A Light Source Of An Optical Pointing Device Based On Surface Quality	11/017249	12/20/04			
10041080	02	JP	Unfiled	Controlling A Light Source Of An Optical Pointing Device Based On Surface Quality					
10041080	03	GB	Unfiled	Controlling A Light Source Of An Optical Pointing Device Based On Surface Quality					
10041080	04	CN	Unfiled	Controlling A Light Source Of An Optical Pointing Device Based On Surface Quality					
10041080	05	TW	Pending	Controlling A Light Source Of An Optical Pointing Device Based On Surface Quality	94125803	7/29/05			
10041081	01	US	Pending	Optical Waveguide Display Systems And Methods	11/126805	5/10/05			
10041082	01	US	Pending	Methods And Systems For Detecting Selections On A Touch Screen Display	11/193155	7/29/05			
10041084	01	US	Pending	Phase Optimization For Data Communication Between Plesiochronous Time Domains	11/100773	4/7/05			
10041084	02	JP	Unfiled	Phase Optimization For Data Communication Between Plesiochronous Time Domains	11/100773				
10041085	01	US	Pending	Circuitry For Performing An N-Dimensional Gradient Search	11/062149	2/18/05			
10041132	01	US	Pending	Multi-Lens Imaging Systems And Method	11/016376	12/15/04			
10041132	02	TW	Pending	Multi-Lens Imaging Systems And Method	94128033	8/17/05			
10041132	03	WO	Pending	Multi-Lens Imaging Systems And Methods		10/31/05			
10041136	01	US	Unfiled	** Stereoscopic Range Finder					
10041139	01	US	Pending	Method And Apparatus For Cross Simulation Data Sharing To Facilitate Higher Resolution Data Measurements For Complex Designs	11/065401	2/24/05			
10041144	01	US	Pending	System And Method For Processing Images Using Centralized Image Correction Data	11/136941	5/25/05			
10041146	01	US	Pending	A Linear Phase-Locked Loop With Dual Tuning Elements	11/084376	3/18/05			
10041146	02	TW	Unfiled	Linear Phase-Locked Loop With Dual Tuning Elements					
10041147	01	US	Pending	Apparatus For Controlling The Position Of A Screen Pointer Based On Projection Data	11/010666	12/13/04			
10041148	01	US	Pending	Pointing Device Including A Moveable Puck Mechanical Detents	11/036541	1/14/05			

10041148	02	TW	Pending	Pointing Device Including A Moveable Puck With Mechanical Detents	94128381	8/19/05			
10041166	02	US	Pending	A Thin Film Bulk Acoustic Resonator With A Mass Loaded Perimeter	10/990201	11/15/04			
10041166	03	JP	Pending	A Thin Film Bulk Acoustic Resonator With A Mass Loaded Perimeter	P2005-288738	9/30/05			
10041166	04	CN	Pending	A Thin Film Bulk Acoustic Resonator With A Mass Loaded Perimeter	200510079662.3	6/24/05			
10041166	05	GB	Pending	A Thin Film Bulk Acoustic Resonator With A Mass Loaded Perimeter	0520078.7	10/3/05			
10041166	06	KR	Unfiled	A Thin Film Bulk Acoustic Resonator With A Mass Loaded Perimeter					
10041166	07	TW	Pending	A Thin Film Bulk Acoustic Resonator With A Mass Loaded Perimeter	094116372	5/19/05			
10041169	01	US	Pending	Fault Detection In A LED Bias Circuit	10/918499	8/13/04			
10041170	01	US	Pending	Current Fault Detection For Light Emitters	11/178686	7/11/05			
10041173	01	US	Pending	Non-Resonant Antennas Embedded In Wireless Peripherals	11/025215	12/29/04			
10041173	02	JP	Unfiled	Non-Resonant Antennas Embedded In Wireless Peripherals					
10041173	03	GB	Unfiled	Non-Resonant Antennas Embedded In Wireless Peripherals					
10041173	04	KR	Unfiled	Non-Resonant Antennas Embedded In Wireless Peripherals					
10041173	05	CN	Pending	Non-Resonant Antennas Embedded In Wireless Peripherals	200510088846.6	7/29/05			
10041173	06	TW	Pending	Non-Resonant Antennas Embedded In Wireless Peripherals	094118611	6/6/05			
10041174	01	US	Published	Temperature-Compensated Film Bulk Acoustic Resonator (FBAR) Devices	10/977398	10/29/04	0110598	5/26/05	
10041174	02	WO	Pending	Temperature Compensated Film Bulk Acoustic Resonator (FBAR) Devices	US04/36300	10/29/04			
10041176	01	US	Pending	Wire-Bondable Sensor Having Intergal Contaminant Shadowing Reducing Structure	11/022116	12/23/04			
10041180	01	US	Unfiled	Method And Apparatus To Obtain Navigation Information					
10041181	01	US	Pending	Position Determination Utilizing A Cordless Device	11/111444	4/21/05			
10041181	02	EP	Unfiled	Position Determination Utilizing A Cordless Device					
10041182	01	US	Pending	System And Method For Generating Position Information		11/14/05			
10041183	01	US	Unfiled	Mechanically Powered Cordless Pointing Device					
10041186	01	US	Unfiled	Device To Capture And Relay Laser Points Location To Remote Web-Based Meeting Locations					
10041187	01	US	Pending	Input Devices And Methods Of Operating Same	11/085438	3/21/05			
10041187	02	EP	Unfiled	Input Devices And Methods Of Operating Same					
10041188	01	US	Unfiled	Method For Energy Conservation Of Active Tags For Equipment Tracking					
10041191	01	US	Unfiled	Ultrasonic Click Generation Method For Passive Pointing					
10041192	01	US	Pending	User Interface Incorporating Emulated Hard Keys	11/113930	4/25/05			
10041192	02	EP	Unfiled	User Interface Incorporating Emulated Hard Keys					
10041194	01	US	Pending	Image Capture Using A Fiducial Reference Pattern		9/12/05			
10041196	01	US	Pending	Hand-Held Device With Indication Of Ergonomic Risk Condition	11/183108	7/15/05			
10041197	01	US	Pending	Systems And Methods For 3-D Imaging	11/238472	9/29/05			
10041198	01	US	Pending	Optical Mouse With Reduced Power Consumption	10/918504	8/13/04			
10041200	01	US	Pending	Apparatus And Method For Detecting A Target Environmental Variable That Employs Film-Bulk Acoustic Wave Resonator Oscillators	11/109108	4/18/05			
10041200	02	GB	Unfiled	Apparatus And Method For Detecting A Target Environmental Variable That Employs Film-Bulk Acoustic Wave Resonator Oscillators					
10041200	03	CN	Unfiled	Apparatus And Method For Detecting A Target Environmental Variable That Employs Film-Bulk Acoustic Wave Resonator Oscillators					
10041202	01	US	Pending	Resonant Structure Humidity Sensor	11/185406	7/20/05			
10041203	01	US	Pending	A Film-Bulk Acoustic Wave Resonator With Motion Plate	11/073345	3/4/05			
10041203	02	GB	Unfiled	A Film-Bulk Acoustic Wave Resonator With Motion Plate					
10041203	03	CN	Unfiled	A Film-Bulk Acoustic Wave Resonator With Motion Plate					

10041205	01	US	Unfiled	A Method Of Sensing An Environmental Variable By Monitoring The Change In Q And Frequency Of An FBAR Resonator By A Regenerative Oscillator						
10041208	01	US	Pending	Spread Spectrum Radio Utilizing Mems Componets	11/262178	10/28/05				
10041211	01	US	Pending	System And Method For Determining The Bearing Of A Source Location From A Receiver Location		10/31/05				
10041215	01	US	Pending	Remote Integrated Circuit Testing Method And Apparatus	11/094455	3/30/05				
10041215	02	CN	Unfiled	Remote Integrated Circuit Testing Method And Aparatus						
10041220	01	US	Unfiled	Improved Touchpad						
10041232	01	US	Pending	Ultrasonic Virtual Mouse		10/13/05				
10041233	01	US	Pending	Touch Device And Method For Providing Tactile Feedback	11/193132	7/29/05				
10041237	01	US	Pending	Pen Input Device And Method For Tracking Pen Position	11/118691	4/29/05				
10041247	01	US	Pending	Optical Slide Pad	11/040021	1/19/05				
10041247	02	JP	Unfiled	Optical Slide Pad						
10041247	03	CN	Pending	Optical Slide Pad						
10041247	04	GB	Unfiled	Optical Slide Pad						
10041247	05	TW	Unfiled	Optical Slide Pad						
10041254	01	US	Pending	Character Entry System And Method For Electronic Devices	11/136940	5/25/05				
10041255	01	US	Pending	Dual-Positioning Controller And Method For Controlling An Indicum On Display Of An Electronic Device	11/136939	5/25/05				
10041257	01	US	Pending	Stabilized Laser Pointer	11/194001	7/28/05				
10041303	01	US	Pending	Solid-State Spectrophotomer	11/021079	12/22/04				
10041304	01	US	Published	Impedance Transformation Ratio Control In Film Acoustically-Coupled Transformers	10/965474	10/13/04	0128030	6/16/05		
10041304	02	WO	Published	Impedance Transformation Ratio Control In Film Acoustically-Coupled Transformers	US04/035906	10/29/04	WO2005/046052	5/19/05		
10041305	01	US	Published	Decoupled Stacked Bulk Acoustic Resonator Band-Pass Filter With Controllable Pass Bandwidth	10/965541	10/13/04	0093654	5/5/05		
10041305	02	WO	Pending	Decoupled Stacked Bulk Acoustic Resonator Band-Pass Filter With Controllable Pass Bandwidth	US04/036150	10/29/04				
10041306	01	US	Published	Film Acoustically-Coupled Transformer	10/965637	10/13/04	0093655	5/5/05		
10041306	02	WO	Pending	Film Acoustically-Coupled Transformer	US04/035907	10/29/04				
10041308	01	US	Pending	System And Method For Detecting Thermal Anomalies	11/067451	2/25/05				
10041308	02	JP	Unfiled	System And Method For Detecting Thermal Anomalies						
10041308	03	CN	Unfiled	System And Method For Detecting Thermal Anomalies						
10041308	04	GB	Unfiled	System And Method For Detecting Thermal Anomalies						
10041308	05	TW	Unfiled	System And Method For Detecting Thermal Anomalies						
10041319	01	US	Pending	System And Method Of Electronic Image Shifting For Image Stabilization	11/084464	3/17/05				
10041326	01	US	Pending	Low Frequency Clock Generation	60/681198	5/13/05				
10041326	02	US	Pending	Low Frequency Clock Generation	11/232581	9/21/05				
10041344	01	US	Pending	Method And Apparatus For Biasing A Metal-Oxide Semiconductor Capacitor For Capacitive Tuning	11/070985	3/3/05				
10041353	01	US	Pending	Pointing Device With Light Source For Providing Visible Light Through A Moveable Punk	11/017270	12/20/04				
10041353	02	JP	Unfiled	Pointing Device With Light Source For Providing Visible Light Through A Moveable Punk						
10041353	03	GB	Unfiled	Pointing Device With Light Source For Providing Visible Light Through A Moveable Punk						
10041353	04	CN	Pending	Pointing Device With Light Source For Providing Visible Light Through A Moveable Punk	200510088847.0	7/29/05				
10041353	05	TW	Pending	Pointing Device With Light Source For Providing Visible Light Through A Moveable Punk	094118050	6/1/05				
10041355	01	US	Pending	Method And Apparatus For Monitoring Tire Pressure	11/146672	6/6/05				
10041357	01	US	Pending	Method And Apparatus For Directional Organic Light Emitting Diodes	11/102076	4/8/05				
10041357	02	JP	Unfiled	Method And Apparatus For Directional Organic Light Emitting Diodes						

10041357	03	EP	Pending	Method And Apparatus For Directional Organic Light Emitting Diodes	05022929.3	10/20/05				
10041358	01	US	Pending	Impedance Transformation In A Duplexer Using A Transmission Line	11/076615	3/10/05				
10041358	02	CN	Unfiled	Impedance Transformation In A Duplexer Using A Transmission Line						
10041358	03	IN	Pending	Impedance Transformation In A Duplexer Using A Transmission Line	2586/DEL/2005	9/26/05				
10041359	01	US	Pending	A Silicon Optical Package With 45 Degree Turning Mirror	11/124457	5/4/05				
10041360	01	US	Pending	Assay Test Strips And Reading Same		11/16/05				
10041361	01	US	Pending	Lateral Flow Assay Systems And Methods	11/112807	4/22/05				
10041361	02	JP	Unfiled	Lateral Flow Assay Systems And Methods						
10041361	03	DE	Unfiled	Lateral Flow Assay Systems And Methods						
10041361	04	CN	Unfiled	Lateral Flow Assay Systems And Methods						
10041361	05	IN	Pending	Lateral Flow Assay Systems And Methods	2621/DEL/2005	9/30/05				
10041363	01	US	Pending	Impedance-Matched External Component Connections With Uncompensated Leads	11/076601	3/10/05				
10041363	02	CN	Unfiled	Impedance-Matched External Component Connections With Uncompensated Leads						
10041363	03	DE	Unfiled	Impedance-Matched External Component Connections With Uncompensated Leads						
10041363	04	IN	Pending	Impedance-Matched External Component Connections With Uncompensated Leads	2594/DEL/2005	9/27/05				
10041365	01	US	Pending	Input System With Light Source Shared By Multiple Input Detecting Optical Sensors		11/15/05				
10041367	01	US	Pending	Slide Pad System And Method	11/021290	12/23/04				
10041367	02	JP	Unfiled	Slide Pad System And Method						
10041367	03	GB	Unfiled	Slide Pad System And Method						
10041367	04	DE	Pending	Slide Pad System And Method		11/2/05				
10041367	05	CN	Unfiled	Slide Pad System And Method						
10041367	06	KR	Unfiled	Slide Pad System And Method						
10041367	07	TW	Pending	Slide Pad System And Method	94125808	7/29/05				
10041368	01	US	Pending	Keyboard Layout For Mouse Or Rocker Switch Text Entry	11/101936	4/8/05				
10041372	01	US	Pending	Method And Apparatus For Detecting Failed Reset In Pixels Of An Imager	11/048479	1/31/05				
10041373	01	US	Pending	Motion Detecting Camera System	11/079401	3/14/05				
10041378	01	US	Pending	Mouse Input Device With Secondary Input Device	11/021080	12/22/04				
10041378	02	JP	Unfiled	Mouse Input Device With Secondary Input Device						
10041378	03	GB	Unfiled	Mouse Input Device With Secondary Input Device						
10041378	04	DE	Pending	Mouse Input Device With Secondary Input Device	102005034608.1	7/25/05				
10041378	05	KR	Unfiled	Mouse Input Device With Secondary Input Device						
10041378	06	CN	Pending	Mouse Input Device With Secondary Input Device	200510088848.5	7/29/05				
10041378	07	TW	Pending	Mouse Input Device With Secondary Input Device		6/6/05				
10041394	01	US	Pending	Sliding Structure Location On A Pointing Device Corrected For Non-Linearity Of Measured Differential	11/012966	12/15/04				
10041394	02	JP	Unfiled	Sliding Structure Location On A Pointing Device Corrected For Non-Linearity Of Measured Differential						
10041394	03	GB	Unfiled	Sliding Structure Location On A Pointing Device Corrected For Non-Linearity Of Measured Differential						
10041417	01	US	Pending	Method & Device For Integrating An Illumination Source And Detector Into The Same IC Package That Allows Angular Illumination With A Common Planar Leadframe	11/051108	2/4/05				
10041422	01	US	Tracking	Direct Mapped Repair Cache	11/230405	9/20/05				
10041423	01	US	Tracking	Set Associative Repair Cache	11/230438	9/20/05				
10041427	01	US	Pending	One Dimensional And Three Dimensional Extensions Of The Slide Pad	11/051107	2/4/05				
10041430	01	US	Pending	Electronic Device And Method For Simplifying Text Entry Using A Soft Keyboard	11/108261	4/18/05				
10041430	02	TW	Pending	Electronic Device And Method For Simplifying Text Entry Using A Soft Keyboard	94135892	10/14/05				
10041465	01	US	Unfiled	Filtering Balun With Arbitrary Impedance Transformation Ratio						
10041488	01	US	Pending	Arc Discharge Flashlamp	11/084597	3/17/05				
10041488	02	TW	Pending	Arc Discharge Flashlamp	94133506	9/27/05				

10041522	01	US	Pending	2 Dimensional Laser-Based Optical Printer Encoder	11/019605	12/21/04				
10041522	02	JP	Unfiled	2 Dimensional Laser-Based Optical Printer Encoder						
10041522	03	CN	Pending	2 Dimensional Laser-Based Optical Printer Encoder	20051009293 5.8	8/24/05				
10041522	04	KR	Unfiled	2 Dimensional Laser-Based Optical Printer Encoder						
10041522	05	TW	Pending	2 Dimensional Laser-Based Optical Printer Encoder	94126953	8/9/05				
10041523	01	US	Pending	System And Method For Electrostatic Discharge Protection In An Electronic Circuit	11/121401	5/3/05				
10041527	01	US	Published	Decoupled Stacked Bulk Acoustic Resonator-Based Band-Pass Filter	11/069409	2/28/05	0140466	6/30/05		
10041527	02	TW	Pending	Decoupled Stacked Bulk Acoustic Resonator-Based BAND-Pass Filter	94129494	8/29/05				
10041536	01	US	Pending	System And Method Of Lens Placement		11/15/05				
10041569	01	US	Pending	Light Source Control In Optical Pointing Device	11/123814	5/6/05				
10041570	01	US	Pending	Mode Manager For A Pointing Device	11/121813	5/4/05				
10041584	01	US	Pending	Input Amplifier With Improved Power Supply Rejection	11/079759	3/11/05				
10041585	01	US	Pending	Method, Apparatus And Computer Program Product For Code Patching	11/133409	5/20/05				
10041589	01	US	Unfiled	Method Of Reading A Test Strip On Which Are Reflective Sample Regions, By Passing The Strip Over A Single Detector Or Bar-Code Reader.						
10041590	01	US	Unfiled	A Method Of Reading Test Strips By Monitoring Rate Of Signal Change						
10041591	01	US	Unfiled	A Method To Improve Contrast In An Assay By Illuminating With Sources That Optimize Label Absorbtion						
10041592	01	US	Unfiled	A Device For Measuring Fluorescence Or Luminescence At Multiple Wavelengths Comprising A Compact White Illuminator An Inexpensive Grating And A Linear Detector Array						
10041593	01	US	Pending	Apparatus And Method For Discriminating Among Lateral Flow Assay Test Indicators.	11/140978	6/1/05				
10041602	01	US	Unfiled	Method To Read Out A Disposable Diagnostic Array Using A Cell Phone And Using The Cell Phone To Display The Result						
10041604	01	US	Unfiled	A Method To Create Power Internally, For Use By Disposable Or Semidisposable Diagnostic Arrays						
10041605	01	US	Unfiled	Method Of Using Simultaneous Differential Measurement In Two Or More Optical Channels To Improve Sensitivity						
10041606	01	US	Unfiled	Method For Recognizing Patterns From Assay Results						
10041608	01	US	Unfiled	Method To Enhance Sensitivity In Chemiluminescence Assay By Incorporation Of Quantum Dots In Assay						
10041609	01	US	Unfiled	Method Using A Pair Of Detectors To Read Strips On An Assay						
10041616	01	US	Unfiled	Disposable Device For Measuring Diagnostic Assays Utilizing Power Externally Through A Communications Port						
10041618	01	US	Pending	A Routing Design To Minimize Electromigration Damage In Solder Bumps	11/048204	2/1/05				
10041618	02	CN	Unfiled	A Routing Design To Minimize Electromigration Damage In Solder Bumps						
10041618	03	KR	Unfiled	A Routing Design To Minimize Electromigration Damage In Solder Bumps						
10041618	04	TW	Pending	A Routing Design To Minimize Electromigration Damage In Solder Bumps	94128010	8/17/05				
10041619	01	US	Pending	Determining The Placement Of Semiconductor Components On An Integrated Circuit	11/189227	7/26/05				
10041620	01	US	Unfiled	A Method To Improve Sensitivity In A Reflective Or Transmissive Assay By Using Spectrally Tuned Emission						
10041621	01	US	Unfiled	A Device For Measuring Fluorescence By Detecting Light That Is Emitted From An Optical Medium Transverse To A Plane In Which Excitation Radiation Is Applied.						

10041622	01	US	Pending	Non-Optical Reading Of Test Zones	11/148623	6/9/05					
10041623	01	US	Pending	A Method And Apparatus For Reading An Assay Using Low Resolution Detection	11/019183	12/23/04					
10041623	02	JP	Unfiled	A Method And Apparatus For Reading An Assay Using Low Resolution Detection							
10041623	03	EP	Unfiled	A Method And Apparatus For Reading An Assay Using Low Resolution Detection							
10041623	04	CA	Pending	A Method And Apparatus For Reading An Assay Using Low Resolution Detection		9/7/05					
10041623	05	CN	Unfiled	A Method And Apparatus For Reading An Assay Using Low Resolution Detection							
10041623	06	IN	Pending	A Method And Apparatus For Reading An Assay Using Low Resolution Detection	2096/DEL/2005	8/8/05					
10041624	01	US	Unfiled	A Device For Measuring Light Transmitted Or Scattered By A Sample In A Disposable Device Using A Linear Array Of Detectors Proximalbe To The Sample, And Illuminated By Ambient Light Directed To The Sample Through A Window Or Light Pipe							
10041625	01	US	Unfiled	A Method Of Detecting Prensence Or Absence Of Indicator Stripes With Position-Sensitive Photo Detector							
10041626	01	US	Pending	Sensor Having Intergrated Light Detector And/or Light Source	11/013373	12/17/04					
10041626	02	JP	Unfiled	Sensor Having Intergrated Light Detector And/or Light Source							
10041626	03	CN	Unfiled	Sensor Having Intergrated Light Detector And/or Light Source							
10041626	04	IN	Pending	Sensor Having Intergrated Light Detector And/or Light Source	1974/DEL/2005	7/26/05					
10041626	05	CA	Pending	Sensor Having Intergrated Light Detector And/or Light Source		9/7/05					
10041626	06	EP	Unfiled	Sensor Having Intergrated Light Detector And/or Light Source							
10041627	01	US	Pending	Integrated Optoelectronic System For Measuring Fluorescence Or Luminescence Emission Decay	11/017748	12/22/04					
10041627	02	JP	Unfiled	Integrated Optoelectronic System For Measuring Fluorescence Or Luminescence Emission Decay							
10041627	03	EP	Unfiled	Integrated Optoelectronic System For Measuring Fluorescence Or Luminescence Emission Decay							
10041627	04	CA	Pending	Integrated Optoelectronic System For Measuring Fluorescence Or Luminescence Emission Decay		9/7/05					
10041627	05	CN	Pending	Integrated Optoelectronic System For Measuring Fluorescence Or Luminescence Emission Decay	200510105859.X	9/29/05					
10041627	06	IN	Pending	Integrated Optoelectronic System For Measuring Fluorescence Or Luminescence Emission Decay	2097/DEL/2005	8/8/05					
10041629	01	US	Pending	Analyte Detection Using Luminescence Concentration	11/148622	6/9/05					
10041630	01	US	Unfiled	A Method For Resognizing A Pattern							
10041631	01	US	Pending	Resonator-Based Spectrum Analyzer And Method	11/119285	4/29/05					
10041632	01	US	Pending	System And Method For Auto-Negotiation In A Data Communication Device	10/985459	11/10/04					
10041632	02	JP	Unfiled	System And Method For Auto-Negotiation In A Data Communication Device							
10041632	03	GB	Pending	System And Method For Auto-Negotiation In A Data Communication Device	0521434.1	10/20/05					
10041632	04	CN	Pending	System And Method For Auto-Negotiation In A Data Communication Device		10/28/05					
10041634	01	US	Pending	Resonator Matching Network	11/104605	4/13/05					
10041636	01	US	Pending	Switched Length Matched Transmission Pat Instrument.	11/116822	4/28/05					
10041669	01	US	Pending	Programmable Lift Response For An Optical Navigation Device	11/065530	2/24/05					
10041669	02	JP	Unfiled	Programmable Lift Response For An Optical Navigation Device							
10041669	03	CN	Pending	Programmable Lift Response For An Optcal Navigation Device		11/17/05					
10041669	04	GB	Unfiled	Programmable Lift Response For An Optical Navigation Device							
10041669	05	IN	Pending	Programmable Lift Response For An Optical Navigation Device	2622/DEL/2005	9/30/05					
10041669	06	KR	Unfiled	Programmable Lift Response For An Optical Navigation Device							

10041669	07	TW	Pending	Programmable Lift Response For An Optical Navigation Device	94134643	10/4/05				
10041678	01	US	Pending	Bandpass Filter Network And Method For Bandpass Filtering Signals Using Multiple Acoustic Resonators	11/150497	6/10/05				
10041679	01	US	Pending	Impedance Matching And Parasitic Capacitor Resonance Of FBAR Resonators And Coupled Filters	11/246939	10/6/05				
10041687	01	US	Pending	Optical Navigation System	11/083837	3/18/05				
10041687	02	JP	Unfiled	Optical Navigation System						
10041687	03	GB	Unfiled	Optical Navigation System						
10041687	04	CN	Unfiled	Optical Navigation System						
10041687	05	TW	Pending	Optical Navigation System	94134255	9/30/05				
10050006	01	US	Pending	System And Method For Generating Dynamically Modifiable Timing Control Signals	11/031126	1/7/05				
10050008	01	US	Pending	Dark Current / Channel Difference Compensated Image Sensor	11/140650	5/27/05				
10050011	01	US	Pending	System And Method For Modifying Execution Flow In Firmware	11/047298	1/31/05				
10050021	01	US	Pending	Error Corrected Optical Navigation System	11/083796	3/18/05				
10050022	01	US	Pending	Deep Quantum Well Electro-Absorption Modulator	11/148467	6/8/05				
10050024	01	US	Pending	Collimating Lens Structures	11/048470	1/31/05				
10050024	02	JP	Unfiled	Collimating Lens Structures						
10050024	03	CN	Pending	Collimating Lens Structures		10/31/05				
10050024	04	GB	Unfiled	Collimating Lens Structures						
10050024	05	IN	Pending	Collimating Lens Structures	2100/DEL/2500	8/8/05				
10050024	06	KR	Unfiled	Collimating Lens Structures						
10050024	07	TW	Pending	Collimating Lens Structures	94127543	8/12/05				
10050025	01	US	Pending	Optical Location Measuring System	11/112024	4/22/05				
10050033	01	US	Pending	Reduce Crosstalk CMOS Image Sensors	11/197004	8/4/05				
10050037	01	US	Pending	Testing Electromigration At Multiple Points Of A Single Node	11/142207	6/1/05				
10050054	01	US	Pending	Lens Focusing Device With Latching Shoe	11/143989	6/2/05				
10050057	01	US	Pending	Light Modulating Input Device	11/175757	7/6/05				
10050073	01	US	Pending	Method And Apparatus For Fixing Hold Time Violations In A Hierarchical Integrated Circuit Design	11/120911	5/3/05				
10050079	01	US	Pending	Detecting Wireless Channel Status For Acoustic Discrimination Of Spectral Content	11/226974	9/15/05				
10050083	01	US	Pending	Pattern Detection Using An Optical Navigation Device	11/254034	10/19/05				
10050086	01	US	Pending	Method And Apparatus For Integrating III-V Semiconductor Devices Into Silicon Processes	11/199663	8/9/05				
10050088	01	US	Pending	Electronic Amplifier With Signal Gain Dependent Bias	11/105752	4/14/05				
10050089	01	US	Pending	Calibrating A Communication Link Using Frequency Ramps	11/231910	9/21/05				
10050092	01	US	Pending	Frequency Ramp Modulation	11/231377	9/21/05				
10050093	01	US	Unfiled	A Dynamic Comparator With Signal Detection And Threshold Adjustment For DFE Applications						
10050144	01	US	Pending	Image Sensor With Embedded Optical Element	11/048180	2/1/05				
10050144	02	JP	Unfiled	Image Sensor With Embedded Optical Element						
10050144	03	CN	Unfiled	Image Sensor With Embedded Optical Element						
10050144	04	GB	Unfiled	Image Sensor With Embedded Optical Element						
10050144	05	TW	Pending	Image Sensor With Embedded Optical Element	94131819	9/15/05				
10050145	01	US	Pending	Multiple Band Handset Architecture	11/016115	12/17/04				
10050145	02	JP	Unfiled	Multiple Band Handset Architecture						
10050145	03	GB	Unfiled	Multiple Band Handset Architecture						
10050147	01	US	Pending	System And Method For Optically Detecting Media Feeding Malfunctions In An Image Forming Apparatus	11/192633	7/28/05				
10050148	01	US	Pending	Multiple Movements Harmonic Frequency Actuator System	11/182175	7/15/05				
10050158	01	US	Pending	Eye-Based Control Of Directed Sound Generation	11/022115	12/23/04				
10050161	01	US	Pending	Acoustic Resonator Performance Enhancement Using Recessed Region	11/100311	4/6/05				
10050161	02	JP	Unfiled	Acoustic Resonator Performance Enhancement Using Recessed Region						
10050161	03	GB	Unfiled	Acoustic Resonator Performance Enhancement Using Recessed Region						
10050161	04	CN	Unfiled	Acoustic Resonator Performance Enhancement Using Recessed Region						

10050161	05	KR	Unfiled	Acoustic Resonator Performance Enhancement Using Recessed Region					
10050162	01	US	Pending	Method For Placing Metal Contacts Undemeath FBAR Resonators	11/174364	6/30/05			
10050174	01	US	Pending	Motion Sensor In Sporting Equipment	11/197463	8/4/05			
10050176	01	US	Pending	Imaging Device Employing Optical Motion Sensor As Gyroscope	11/122964	5/5/05			
10050177	01	US	Pending	Subcutaneous Tissue Imager	11/200631	8/10/05			
10050180	01	US	Pending	Integrated Optical Mouse	11/129196	5/12/05			
10050181	01	US	Pending	System And Method For Reducing Read-Out Noise In A Pixel Array	11/142166	5/31/05			
10050182	01	US	Unfiled	** On-Chip Array Test System For Image Sensors					
10050195	01	US	Pending	Secure Portable Memory Mouse Device	11/183501	7/18/05			
10050200	01	US	Unfiled	Compact Computer Input Device With Workspace Re-Centering Springs					
10050212	01	US	Unfiled	Cell Phone Mouse					
10050236	01	US	Pending	Correcting Photographs Obtained By A Handheld Device		11/10/05			
10050237	01	US	Unfiled	**A Method For Analog Vertical Sub-Sampling In A CMOS Image Sensor					
10050238	01	US	Pending	Method To Passivate Defects In Integrated Circuits	11/234922	9/26/05			
10050247	01	US	Pending	Display System And Method Using A Solid State Laser	11/132943	5/19/05			
10050249	01	US	Pending	Silicon Carbon Germanium (sicge) Substrate For A Group III Nitride-Based Device	11/189286	7/26/05			
10050250	01	US	Pending	Gallium Nitride Device Substrate Containing A Lattice Parameter Altering Element	11/194237	8/1/05			
10050251	01	US	Pending	Edge-Emitting LED Assembly	11/235592	9/26/05			
10050252	01	US	Unfiled	Light Emitting Device With Method For Controlling Allowed Optical Modes In The Device Using Circular Grating					
10050256	01	US	Unfiled	Highly Directional Light Emitting Diode Using Photonic Bandgap Waveguides					
10050257	01	US	Unfiled	Gain Coupled Photonic Bandgap Structure					
10050258	01	US	Pending	Light Emitting Device And Method Of Manufacture	11/187469	7/22/05			
10050260	01	US	Pending	Edge-Emitting Led Light Source	11/197010	8/4/05			
10050261	01	US	Pending	Structures For Reducing Operating Voltage In A Semiconductor Device	11/203917	8/15/05			
10050265	01	US	Pending	OHMIC Contact On P-Type Gan	11/234993	9/26/05			
10050274	01	US	Pending	Nitride Semiconductor Vertical Cavity Surface Emitting Laser	11/203699	8/15/05			
10050275	01	US	Pending	Single ELOG Growth Transverse P-N Junction Nitride Semiconductor Laser	11/154010	6/15/05			
10050276	01	US	Pending	VCSEL System Including Multiple Transverse P/N Junctions	11/187477	7/22/05			
10050277	01	US	Pending	Semiconductor System Having A Ring Laser Fabricated By Epitaxial Layer Overgrowth	11/209994	8/22/05			
10050279	01	US	Pending	Gan VCSEL With Refractory Metal ELOG Masks For Intracavity Contacts	11/223622	9/9/05			
10050287	01	US	Pending	Laser Light Source Adapted For LCD Back-Lit Displays	11/198474	8/4/05			
10050291	01	US	Unfiled	High Linear Variable Gain Traveling Wave Amplifier					
10050292	01	US	Pending	Compact Laser Output Monitoring Using Reflection And Diffraction	11/251346	10/14/05			
10050293	01	US	Pending	Acoustic Resonator Performance Enhancement Using Alternating Frame Structure	11/159753	6/23/05			
10050294	01	US	Pending	Power Amplifier Utilizing Quadrature Hybrid For Power Dividing, Combining And Ipedance Matching	11/186674	6/23/05			
10050295	01	US	Pending	Programmable Boost Signal Generation Method And Apparatus	11/196226	8/3/05			
10050296	01	US	Pending	Pixel With Spatially Varying Metal Route Position	11/123782	5/6/05			
10050300	01	US	Pending	Object Tracking Using Optical Correlation And Feedback	11/202806	8/12/05			
10050326	01	US	Pending	Frequency Divider With Slip	11/076758	3/10/05			
10050326	02	JP	Unfiled	Frequency Divider With Slip					
10050327	01	US	Pending	Self-Initializing Frequency Divider	11/058767	2/16/05			
10050327	02	JP	Unfiled	Self-Initializing Frequency Divider					
10050364	01	US	Pending	A Method For Making Contact Through Via Contact To An Offset Contactor Inside A Mircocap For The Wafer Level Packaging Of FBAR Chips.	11/173367	6/30/05			
10050366	01	US	Pending	Broadband Differential Coupling Devices, Systems And Methods	11/238339	9/29/05			

10050372	01	US	Pending	Optical Sensor Light Switch	11/204508	8/16/05				
10050398	01	US	Pending	Compact And Low Profile Optical Navigation Device	11/085282	3/21/05				
10050398	02	JP	Unfiled	Compact And Low Profile Optical Navigation Device						
10050398	03	CN	Pending	Compact And Low Profile Optical Navigation Device		11/17/05				
10050398	04	DE	Unfiled	Compact And Low Profile Optical Navigation Device						
10050398	05	GB	Unfiled	Compact And Low Profile Optical Navigation Device						
10050398	06	KR	Unfiled	Compact And Low Profile Optical Navigation Device						
10050398	07	TW	Pending	Compact And Low Profile Optical Navigation Device	94134786	10/5/05				
10050399	01	US	Pending	System & Method For Multi-Print Mechanism Printing	11/179700	7/11/05				
10050402	01	US	Pending	Laser Position Measurement System	11/199876	8/8/05				
10050406	01	US	Pending	System And Method For Web Page Localization	11/198949	8/8/05				
10050407	01	US	Pending	System & Method For Modifying Print Jobs For Differing Media	11/175516	7/5/05				
10050413	01	US	Unfiled	** A Novel Solution For Dim Row Suppression In 3T CMOS APS						
10050420	01	US	Pending	Flatbed Image System Having Magnetically Levitated Carriage	11/199869	8/8/05				
10050427	01	US	Pending	Suspended Device And Method Of Making	11/156676	6/20/05				
10050428	01	US	Pending	Printer Controller Apparatus Implemented As A System In A Package	11/253317	10/19/05				
10050429	01	US	Unfiled	** Enabling Lowest-Cost Wireless Imaging Solution By Combining The Baseband Processing And Image Processing On A Single Chip SOC CPU						
10050430	01	US	Pending	Methods And Systems For Image Scaling	11/254430	10/20/05				
10050435	01	US	Pending	Push Forward Print Tasking In A Computer Network	11/191357	7/28/05				
10050438	01	US	Pending	Apparatus And Method For Providing Bypass Capacitance And Power Routing In A QFP Package	11/254088	10/19/05				
10050440	01	US	Pending	A Quad Flat Pack (QFP) Package And Flexible Power Distribution Method Therefor	11/216105	9/1/05				
10050442	01	US	Pending	Method And Apparatus For Improving The Performance Of A Host-Based Color Printing System	11/143148	6/2/05				
10050451	01	US	Pending	System And Method For Testing And Debugging Analog Circuits In A Memory Controller	11/190664	7/27/05				
10050452	01	US	Pending	A High Resolution Delay Line Architecture	11/191110	7/27/05				
10050462	01	US	Pending	Print Media Transport System	11/248728	10/11/05				
10050484	01	US	Pending	Inorganic Coatings For Optical And Other Applications	11/086684	3/21/05				
10050484	02	TW	Pending	Inorganic Coating For Optical And Other Applications	94135514	10/12/05				
10050491	01	US	Pending	Slide Pad Membrane	11/114460	4/26/05				
10050491	02	JP	Unfiled	Slide Pad Membrane						
10050491	03	CN	Unfiled	Slide Pad Membrane						
10050491	04	GB	Unfiled	Slide Pad Membrane						
10050491	05	KR	Unfiled	Slide Pad Membrane						
10050491	06	TW	Pending	Slide Pad Membrane	94134956	10/6/05				
10050492	01	US	Pending	An Apparatus For Obtaining Precision Integrated Resistors	11/193833	7/29/05				
10050493	01	US	Pending	Method And System For Detecting Relative Motion Using One Or More Motion Sensors		11/9/05				
10050500	01	US	Pending	Method And Apparatus For Calibrating Delay Lines	11/170207	6/29/05				
10050503	01	US	Unfiled	** Optimized Constant Image Region Detection Through Window Leading Edge Analysis						
10050504	01	US	Unfiled	** Summary Of Pseudo 2-Port RAM With Read-Modify-Write To Support Bit-Write Operations On RAMS That Incorporate ECC						
10050505	01	US	Pending	Chirped Grating Finger Navigation	11/242558	10/3/05				
10050514	01	US	Pending	Optical Input Device With A Rotatable Surface	11/158157	6/21/05				
10050521	01	US	Pending	Multiple Band Handset Architecture	11/242286	9/30/05				
10050525	01	US	Pending	Light-Emitting Group IV Semiconductor Devices	11/138925	5/26/05				

10050528	01	US	Unfiled	Inertial Motion Sensor Using An Optical Mouse Engine					
10050544	01	US	Pending	Improving Carrier Confinement In Light-Emitting Group IV Semiconductor Devices	11/137939	5/28/05			
10050551	01	US	Pending	Self-Calibrating And/or Self-Testing Camera Module	11/239851	9/30/05			
10050576	01	US	Pending	Apparatus And Method For Integrating An Optical Navigation Mechanism With Non-Optical Sensor-Based Presence Detector	11/181042	7/13/05			
10050577	01	US	Pending	Pattern Detection System	11/182306	7/15/05			
10050587	01	US	Pending	Position Detection System Using Laser Speckle	11/222257	9/8/05			
10050600	01	US	Pending	Position Detection System	11/222258	9/8/05			
10050623	01	US	Pending	Circuit Board With Multiple Layer Interconnect And Method Of Manufacture	11/215509	8/30/05			
10050628	01	US	Pending	System And Method For Inducing Turbulence In Fluid For Dissipating Thermal Energy Of Electronic Circuitry	11/238421	9/29/05			
10050629	01	US	Unfiled	Light Based Interconnect					
10050631	01	US	Pending	Enabling Increased Print Speed By Eliminating Nozzle Firing Sequencing	11/229774	9/19/05			
10050635	01	US	Pending	System And Method For Indicating Position Of A Moveable Mechanism	11/253092	10/18/05			
10050649	01	US	Pending	System And Method For Implementing Package Level IP Preverification For System On Chip Devices		11/14/05			
10050655	01	US	Pending	Modular Bonding Pad Structure And Method	11/234003	9/23/05			
10050660	01	US	Pending	Inkjet Printhead System And Method Using Laser-Based Heating	11/266507	11/3/05			
10050662	01	US	Unfiled	** Scanner Carriage Mechanism With Optical Or Wireless Interfacer					
10050667	01	US	Pending	Method And Apparatus For Adaptive Motor Speed Control	11/123437	5/6/05			
10050684	01	US	Unfiled	Small Circuit For Complex IP On-Chip Functional Verification, Testing And Demonstration					
10050720	01	US	Pending	Long-Wavelength VCSEL System With Heat Sink	11/192739	7/29/05			
10050721	01	US	Pending	Tunable Long-Wavelength VCSEL System	11/207481	8/19/05			
10050722	01	US	Pending	Long-Wavelength VCSEL System With Implant Current Confinement	11/193171	7/29/05			
10050726	01	US	Pending	Method And System For Determining The Motion Of An Imaging Apparatus	11/212460	8/26/05			
10050727	01	US	Pending	Method And Apparatus For White-Balancing An Image	11/221170	9/7/05			
10050728	01	US	Unfiled	A Dielectric Adhesion Layer For Use In Integrated Circuit Manufacture					
10050766	01	US	Unfiled	VCSEL Array Laser Scanner					
10050773	01	US	Pending	System And Method For Generating Positional And Orientation Information Of An Object	11/220039	9/6/05			
10050781	01	US	Pending	Defect Mitigation In Display Panels	11/118556	4/28/05			
10050781	02	JP	Unfiled	Defect Mitigation In Display Panels					
10050781	03	DE	Unfiled	Defect Mitigation In Display Panels					
10050781	04	GB	Unfiled	Defect Mitigation In Display Panels					
10050801	01	US	Pending	Navigation Device With A Contoured Region That Provides Tactile Feedback	11/225441	9/13/05			
10050802	01	US	Pending	Method And Apparatus For Monitoring And Controlling The Thermal Environment And Operating Conditions Of An Integrated Circuit	11/222005	9/8/05			
10050803	01	US	Unfiled	Synchronize Capacitive Measurements With RF Pulses					
10050828	01	US	Unfiled	Image Capturing Device With Focus Signal Feedback					
10050829	01	US	Unfiled	Mobile Phone Mouse					
10050837	01	US	Pending	System And Method For Managing Power Consumption	11/223343	9/9/05			
10050851	01	US	Pending	Monolithic Transformer Based Amplifier For Integrated Circuits	11/173378	7/2/05			
10050858	01	US	Unfiled	**disposable Sample Processing Assembly With Integrated Temperature & Fluid Control For Point-Of-Care Diagnostics					
10050874	01	US	Pending	Orientation Determination Utilizing A Cordless Device	11/111067	4/21/05			
10050874	02	JP	Unfiled	Orientation Determination Utilizing A Cordless Device					

10050874	03	GB	Unfiled	Orientation Determination Utilizing A Cordless Device					
10050901	01	US	Pending	Method And Apparatus For Determining Surface Displacement Based On An Image Of A Retroreflector Attached To The Surface	11/247894	10/11/05			
10050903	01	US	Unfiled	A Method To Increase Flip-Chip Interconnect Density Using Selective Plating					
10050911	01	US	Pending	Resonator Based Transmitters For Capacitive Sensors	11/239825	9/30/05			
10050927	01	US	Pending	Laser Scanner Assembly	11/220960	9/7/05			
10050928	01	US	Unfiled	A Method And System For Creating A Low-Cost, Simple User Interface For A Combined Scan, Copy And Print Device (AIO)					
10050934	01	US	Unfiled	A Method And System For Creating A Low-Cost User Input Interface For A Combined Scan, Copy And Print Device (AIO)					
10050938	01	US	Pending	Adjusted Frequency Temperature Coefficient Resonator	11/223386	9/9/05			
10050939	01	US	Pending	System And Method For An Optical Navigation Device Configured To Generate Navigation Information Through An Optically Transparent Layer And To Have Skating Functionality	11/204913	8/16/05			
10050940	01	US	Pending	A Method Of Forming And Mounting An Angled Reflector	11/249979	10/13/05			
10050941	01	US	Pending	Pixel With Asymmetric Transfer Gate Channel Doping	11/144304	6/3/05			
10050965	01	US	Unfiled	**non-Linear Planar Spring System For Accurate Puck Re-Centering					
10050974	01	US	Unfiled	** Method For Tracking Retroreflectors In The Presence Of Vibration					
10050976	01	US	Pending	Slide Pad System And Method With Hybrid Mode Attachment System	11/256882	10/24/05			
10050978	01	US	Pending	Stripline Structure	11/243569	10/5/05			
10050979	01	US	Pending	Method And Apparatus For Determining One Or More S-Parameters Associated With A Device Under Test (DUT)	11/222268	9/8/05			
10050986	01	US	Pending	Method And Apparatus For Determining One Or More S-Parameters Associated With A Device Under Test (DUT)	11/235819	9/27/05			
10050993	01	US	Pending	System For Programmable Gate Array With Sensor Array	11/250323	10/15/05			
10051005	01	US	Pending	Method For Providing A Current Sink Model For An ASIC	11/208680	8/22/05			
10051008	01	US	Unfiled	Wireless Solar Rechargeable Mouse					
10051010	01	US	Pending	Multi-Camera System And Method	11/238461	9/29/05			
10051022	01	US	Pending	PIXEL With Spatially Varying Sensor Positions	11/256743	10/24/05			
10051030	01	US	Pending	Image-Based Edge Detection Of Stacked Sheet Media	11/252085	10/17/05			
10051034	01	US	Unfiled	Method For Routing Orthogonal Signals Between Side-By-Side Die In A Wirebond QFP SIP					
10051043	01	US	Unfiled	Frequency Variable Oscillator					
10051044	01	US	Pending	Cross-Coupled Inductor Pair Formed In An Integrated Circuit	11/210989	8/24/05			
10051045	01	US	Pending	Methods And Apparatus For Testing A Voltage-Controlled Oscillator (VCO) To Verify Operation Across Supply Voltage And/or Temperature	11/210421	8/24/05			
10051065	01	US	Unfiled	Reduction Of Drain Current Hysteresis In III-V Field Effect Transistors (FET) And High Electron Mobility Transistors Using 'body Contact.'					
10051066	01	US	Unfiled	Method For Routing VDD From Between Side-By-Side Die To Leadframe In A Wirebond QFP SIP Package					
10051068	01	US	Unfiled	Flat Lens Array Finger Navigation					
10051069	01	US	Unfiled	Compact Optical Navigation Module					
10051079	01	US	Pending	Output Impedance Insensitive Power Amplifier Architecture	11/251270	10/14/05			
10051088	01	US	Unfiled	A Current Mirror With Compensation For Transistors Mismatched In Characteristics And Transient Response					
10051092	01	US	Pending	Method And Apparatus For Optically Detecting Selections Made On An Input Device		11/14/05			
10051108	01	US	Unfiled	Vertical Tri-Color Sensor					
10051111	01	US	Pending	System For Authentication Of Electronic Device	11/245698	10/7/05			
10051114	01	US	Unfiled	RTOS-Less Special Task Scheduler For Small Embedded Systems					

10051115	01	US	Pending	Laser Ranging With Large Format VCSEL Array	11/223329	9/9/05				
10051153	01	US	Unfiled	Multi-Axis Navigation Device						
10051155	01	US	Unfiled	Optical Navigation Technology On Glass						
10051164	01	US	Unfiled	On-Die Bond Wires Enhance Routability Of One-Layer RDL						
10051169	01	US	Unfiled	Imouse Navigation Device						
10051177	01	US	Pending	Imaging Device With Blur Reduction System	11/232319	9/21/05				
10051180	01	US	Pending	Galvanically Isolated Data Couplers From De-Coupled Stacked Bulk Acoustic Resonator Filters	11/253851	10/18/05				
10051185	01	US	Pending	Self-Aligning Pointing Device Having ESD Protection	11/255758	10/21/05				
10051190	01	US	Unfiled	Image Blur Reduction Using Dual Cameras						
10051205	01	US	Pending	Galvanically Isolated Data Couplers From A Double De-Coupled Stack Bulk Acoustic Resonator	11/253508	10/18/05				
10051206	01	US	Pending	Acoustic Galvanic Isolator Incorporating Film Acoustically-Coupled Transformer	11/253463	10/18/05				
10051207	01	US	Pending	Acoustic Galvanic Isolator Incorporating Series-Connected Decoupled Stacked Bulk Acoustic Resonators	11/253444	10/18/05				
10051232	01	US	Unfiled	Intermodulation Distortion Improvement Via Material Deposition						
10051236	01	US	Pending	AC - DC Power Converter	11/263874	10/31/05				
10051237	01	US	Unfiled	Shallow CMOS Sensor With Molecular/metal Film Layer That Reduced Cross Talk						
10051241	01	US	Unfiled	Isolated Data Coupler						
10051251	01	US	Unfiled	Unknown						
10051285	01	US	Pending	Optical Device With Refractive And Diffractive Properties	11/175540	7/6/05				
10051291	01	US	Unfiled	Paper Pad Thickness						
10051292	01	US	Unfiled	Detachable Pointing Device						
10051295	01	US	Unfiled	Irda Optical Links For Computer Mouse Or Keyboard						
10051327	01	US	Pending	Method And Structure For Low Stress Oxide VCSEL	11/246739	10/7/05				
10051353	01	US	Unfiled	Integrated Microlens Color Filter Element						
10051389	01	US	Unfiled	Crystal LED By Epitaxial Layer Overgrowth						
10051425	01	US	Unfiled	Gain-Based LED Constructed Of Naturally-Formed Pyramidal Crystalite Reflectors						
10051458	02	US	Tracking	Detection Of AIO X EARS For Process Control In Fe RAM Processing	10/308384	12/3/02		6767750	7/27/04	
10051463	01	US	Tracking	One Step Deposition Process For The Top Electrode And Hardmask On A Ferroelectric Memory Cell	10/140481	5/7/02		6576482	6/10/03	
10051465	01	US	Tracking	Fe RAM Sidewall Diffusion Barrier Etch		10/29/02		6713342	3/30/04	
10051468	01	US	Tracking	Sense Amplifier With Override Write Circuitry	09/245081	9/17/02		6757206	6/29/04	
10051470	01	US	Tracking	Fe RAM Capacitor Post Stack Etch Clean / Repair	10/125662	4/18/02		6656748	12/2/03	
10051496	01	US	Published	LED Efficiency Using Photonic Crystal Structures	10/059588	1/28/02	2003014150 7	7/31/03		
10051497	01	US	Tracking	Photonic Crystal Light Emitting Device	10/691026	10/21/03	2005008254 5	4/21/05		
1092010	01	US	Granted	An Integrated Photodetector For An Analog Optocoupler	07/893786	6/5/92		5287107	2/15/94	
1092010	02	JP	Granted	An Integrated Photodetector For An Analog Optocoupler	PH05-135991	6/7/93		P3174200	3/30/01	
1092010	04	KR	Pending	An Integrated Photodetector For An Analog Optocoupler	93.10122	6/4/93				
1092010	06	SG	Granted	An Integrated Photodetector For An Analog Optocoupler	9601805.6	5/12/93	0073367	11/21/00	73367	2/20/01
1092010	07	FR	Granted	An Integrated Photodetector For An Analog Optocoupler	93303663.4	5/12/93	0573156		0573156	10/15/97
1092010	08	DE	Granted	An Integrated Photodetector For An Analog Optocoupler	93303663.4	5/12/93	0573156		0573156	10/15/97
1092010	09	GB	Granted	An Integrated Photodetector For An Analog Optocoupler	93303663.4	5/12/93	0573156		0573156	10/15/97
1092017	02	US	Granted	Apparatus And Method For Changing The Behavior Of A Computer Program While Retaining Control Of Program Execution	08/390949	2/21/95			5495578	2/27/96
1092020	01	US	Granted	HP82000 Production Test Shell Wafer Number Entry Interface	07/863257	4/6/92			5381344	1/10/95
1092022	01	US	Granted	Graphical Wafermap Display On The Fly	07/863253	4/6/92			5390131	2/14/95

1092023	01	US	Granted	Apparatus And Method For Specifying The Flow Of Test Execution And The Binning For A Testing System	07/863252	4/6/92				5400263	3/21/95
1092047	01	US	Granted	Double Bubble Encapsulated Reflective Sensor	07/975609	11/12/92				5317149	5/31/94
1092047	02	JP	Granted	Double Bubble Encapsulated Reflective Sensor	PH05-307399	11/12/93				P3557234	5/21/04
1092047	04	TW	Granted	Optical Encoder	82108213	10/5/93	266260	12/21/95		75813	12/13/00
1092047	05	KR	Granted	Optical Encoder	93.23934	11/11/93	0304840	11/22/01		030840	7/24/01
1092058	01	US	Granted	Static Current Testing Apparatus And Method For Current Steering Logic (CSL)	08/140348	10/20/93				5469076	11/21/95
1092058	02	JP	Granted	Static Current Testing Of Current Steering Logic (CSL)	PH06-255267	10/20/94				P3573503	7/9/04
1092149	01	US	Granted	An Integrated Photodetector With Minimum Propagation Delay A Noise Rejection	08/043661	4/6/93				5382786	1/17/95
1092157	01	US	Granted	Electrostatic Discharge Protection Circuit For Integrated Circuits	07/898997	6/15/92				5400202	3/21/95
1092157	02	JP	Granted	Electrostatic Discharge Protection Circuit For Integrated Circuits	PH05-166062	6/11/93				P3257866	12/7/01
1092249	03	US	Granted	Method Of Making An Electric Field Emitter Device For Electrostatic Discharge Protection Of Intergrated Circuits (As Amended)	08/494514	6/26/95				5656530	8/12/97
1092349	02	JP	Granted	A Digital/Analog Dual Loop Clock Recovery Data-Retiming Circ For NRZ Data	PH05-113776	4/16/93				P3470818	9/12/03
1092349	03	US	Granted	Unity Gain Positive Feedback Integrator With Programmable Charging Currents And Polarities	08/358031	12/14/94				5498992	3/12/96
1092394	04	US	Granted	Analog To Digital Converter With Autoranging Offset	08/049927	4/20/93				5293169	3/8/94
1092396	01	US	Granted	Biomedical Amplifier Circuit	07/876612	4/30/92				5206602	4/27/93
1092397	04	US	Granted	Serial Processing Circuits With Serial Chaining	08/314162	9/28/94				5467090	11/14/95
1092404	03	US	Granted	Low-Cost Leadless Surface Mount Package	08/198723	2/18/94				5376588	12/27/94
1092422	01	US	Granted	Integrated Circuit Package Lead Integrity Enhancement	07/955622	10/2/92				5281851	1/25/94
1092422	05	US	Granted	Integrated Circuit Packaging With Reinforced Leads	08/394043	2/24/95				5750422	5/12/98
1092431	01	US	Granted	High Impedance Front End Using Boot Strapping And PFET (MOS) Transistor	08/125045	9/21/93				5317280	5/31/94
1092480	01	US	Granted	High Gain Rail To Rail CMOS Amplifier	08/023254	2/25/93				5337008	8/9/94
1092480	02	JP	Granted	High Gain Rail To Rail CMOS Amplifier	PH06-049668	2/23/94				P3425466	5/2/03
1092480	07	DE	Granted	High Gain Rail To Rail CMOS Amplifier	94300816.9	2/3/94	0613240			69415701.5	1/7/99
1092483	01	US	Granted	Circuit For Conversion Of Shifted Differential ECL Voltage Levels To CMOS Voltage Levels With Process Compensation	08/138656	10/18/93				5410266	4/25/95
1092483	02	JP	Granted	High Speed Differential ECL To CMOS Converters	PH06-278415	10/18/94				P3565921	6/18/04
1092484	01	US	Granted	CMOS ECL Output Driver With Process Compensation	08/139247	10/18/93				5365127	11/15/94
1092484	02	JP	Granted	CMOS ECL Output Driver With Process Compensation	PH06-278480	10/18/94				P3565922	6/18/04
1092541	02	JP	Granted	Optoelectronic Apparatus	PH06-300331	11/9/94				P3539583	4/2/04
1092541	04	US	Granted	Optical Detectors And Sources With Merged Holographic Optical Elements Suitable For Optoelectronic Interconnects	08/496997	6/30/95				5513021	4/30/96
1092541	05	DE	Granted	Optical Detectors And Sources With Merged Holographic Optical Elements Suitable For Optoelectronic Interconnects	94308124.0	11/3/94	0653654	9/26/01		0653654	9/26/01
1092541	06	FR	Granted	Optical Detectors And Sources With Merged Holographic Optical Elements Suitable For Optoelectronic Interconnects	94308124.0	11/3/94	0653654	9/26/01		0653654	9/26/01
1092541	07	GB	Granted	Optical Detectors And Sources With Merged Holographic Optical Elements Suitable For Optoelectronic Interconnects	94308124.0	11/3/94	0653654	9/26/01		0653654	9/26/01
1092564	01	US	Granted	Method For Formation Of A Buried Layer For A Semiconductor Device	08/189353	1/31/94				5476800	12/19/95
1092581	01	US	Granted	Strengthening Of MQUAD Second Bond Fingers To Resist Wire Bo Damage Due To Shock And Vibration By Widening The Epoxy Seal Ring	07/991057	12/15/92				5389739	2/14/95
1092581	02	JP	Granted	Strengthening Of MQUAD Second Bond Fingers To Resist Wire Bo Damage Due To Shock And Vibration By Widening The Epoxy Seal Ring	PH05-343151	12/15/93				P3425202	5/2/03
1092591	01	US	Granted	Method And Apparatus For Controlling Oscillator Duty Cycle	08/138276	10/15/93				5481228	1/2/96
1092592	01	US	Granted	Low Noise And Impedance Matched Double-Balanced Active Mixer	08/083449	6/28/93				5379457	1/3/95
1092592	02	JP	Granted	Low Noise And Impedance Matched Double-Balanced Active Mixer	PH06-168989	6/28/94				P3504731	12/19/03

1092606	01	US	Granted	Punchthru ESD Device Along Centerline Of Power Pad	08/023266	2/25/93			5365103	11/15/94
1092606	02	JP	Granted	Punchthru ESD Device Along Centerline Of Power Pad	PH06-046393	2/21/94			P3549916	4/30/04
1092650	01	US	Granted	CMOS Output Pad Driver With Variable Drive Currents ESD Protection And Improved Leakage Current Behavior (As Amended)	07/091705	7/14/93			5436578	7/25/95
1092650	02	US	Granted	Method Of Making A CMOS Output Pad Driver With Variable Drive Currents ESD Protection And Improved Leakage Current Behavior	08/413055	3/28/95			5547887	8/20/96
1092712	01	US	Granted	Dynamic MOS-Shunt ESD Protection Circuit	08/057277	5/4/93			5311391	5/10/94
1092730	01	US	Granted	Gain Enhancement Technique For Operational Amplifiers	08/138176	10/15/93			5442318	8/15/95
1092730	02	JP	Granted	Improved Gain Enhancement Technique For Operational Amplifier	PH06-247461	10/13/94			P3584067	8/6/04
1093017	02	JP	Granted	Electrostatic Discharge Protection Circuit	PH06-301457	11/10/94			P3731914	10/21/05
1093035	02	US	Granted	Method Of Forming Silicon/Silicon-Germanium Heterojunction Bipolar Transistor	08/320815	10/11/94			5633179	5/27/97
1093036	01	US	Granted	Integrated Circuit Charge Pump Voltage Level Converter	08/076067	6/11/93			5410465	4/25/95
1093036	03	US	Granted	Semiconductor Chlp Voltage Converter Arrangement And Method	08/378685	1/26/95			5566059	10/15/96
1093039	01	US	Granted	Power Reduction Technique For Current Module Digital-To-Analog Converters	08/522011	8/31/95			5635935	6/3/97
1093040	02	JP	Granted	Tri-State Buffer	PH07-167924	6/9/95			P3614210	11/12/04
1093040	04	US	Granted	BICMOS Tri-State Buffer With Low Leakage Current	08/711315	9/3/96			5728587	3/10/98
1093044	01	US	Granted	Fiber-Optic System With Delay Line For Large Dynamic Range And Low Pulse Width Distortion Of Initial Data Bits (As Amended)	08/106040	8/12/93			5459311	10/17/95
1093044	02	JP	Granted	Use Of Analog Delay In Optical Receivers To Reduce Pulse Wid Distortion Of 1st Bit In Burst Mode Data	PH06-209209	8/10/94			P3439538	6/13/03
1093044	04	SG	Pending	Pulse Shaping Circuit Using An Analog Delay Line For Fiber-Optic Systems		8/11/94				
1093048	01	US	Granted	ESD Protection For IC'S	08/190756	2/2/94			5561577	10/1/96
1093048	02	JP	Pending	ESD Protected Integrated Circuit	PH07-014473	1/31/95				
1093048	03	GB	Granted	ESD Protection Using More Than One Ground Network	9501161.5	1/20/95	2286287	8/9/95	2286287	7/29/98
1093048	04	GB	Granted	ESD Protection Using More Than One Ground Network	9804387.0	3/2/98	2319893	6/3/98	2319893	7/29/98
1093093	02	JP	Granted	Single Stage Synchronous FIFO And Its Uses	PH06-013150	1/11/94			P3645584	2/10/05
1093093	04	CA	Granted	Single Stage Synchronous FIFO And Its Uses	2106271	9/15/93			2106271	11/30/04
1093093	05	US	Granted	Improved Single And MultiStage Stage FIFO Designs For Data Transfer Synchronizers	08/346107	11/28/94			5809521	9/15/98
1093093	06	US	Granted	Improved Single And Multistage Stage FIFO Designs For Data Transfer Synchronizers	08/994593	12/19/97			6055588	4/25/00
1093093	07	DE	Granted	Single Stage Synchronous FIFO And Its Uses	93120213.9	12/15/93	0606600	7/20/94	0606600	10/16/02
1093093	08	FR	Granted	Single Stage Synchronous FIFO And Its Uses	93120213.9	12/15/93	0606600	7/20/94	0606600	10/16/02
1093093	09	GB	Granted	Single Stage Synchronous FIFO And Its Uses	93120213.9	12/15/93	0606600	7/20/94	0606600	10/16/02
1093093	10	IT	Granted	Single Stage Synchronous FIFO And Its Uses	93120213.9	12/15/93	0606600	7/20/94	0606600	10/16/02
1093110	01	US	Granted	Video DAC Risetime Control And Supply Noise Suppression	08/210981	3/21/94			5452014	9/19/95
1093110	02	JP	Granted	Digital Analog Converter Of A Video Subsystem	PH07-086199	3/17/95			P3504374	12/19/03
1093112	01	US	Granted	Thermally Actuated Optical Fiber Switch	08/212543	3/14/94			5446811	8/29/95
1093170	01	US	Granted	Clock Recovery Apparatus With Means For Sensing An Out Of Lock Condition (As Amended)	08/097688	7/26/93			5473639	12/5/95
1093170	02	JP	Pending	An Adaptive Logic Approach To Clock Recovery And Data Retimi For Random NRZ Data	PH06-193537	7/26/94				
1093170	04	SG	Granted	Clock Recovery Apparatus	9601428.7	7/25/94	0073363	7/23/02	73363	4/29/05
1093187	01	US	Granted	Low Leakage Diode Switches For A Tester Circuit For Integrated Circuits	08/077186	6/15/93			5543728	8/6/96
1093188	01	US	Granted	Precision Integrated Resistors	08/077189	6/15/93			5428297	6/27/95
1093188	02	US	Granted	Precision Integrated Resistors	08/409776	3/24/95			5569951	10/29/96
1093197	01	US	Granted	Controllable-Birefringence Acousto-Optic Tunable Filter And A Laser Tuned By The Same	08/283455	8/1/94			5452314	9/19/95
1093197	04	DE	Granted	Acousto-Optical Tunable Filter And A Laser Tuned By It	95305197.6	7/25/95	0695963	2/7/96	69525690.4	3/6/02
1093197	05	FR	Granted	Acousto-Optical Tunable Filter And A Laser Tuned By It	95305197.6	7/25/95	0695963	2/7/96	0695963	3/6/02
1093197	06	GB	Granted	Acousto-Optical Tunable Filter And A Laser Tuned By It	95305197.6	7/25/95	0695963	2/7/96	0695963	3/6/02

1093205	01	US	Granted	Method For Defining And Using A Timing Model For An Electronic Circuit	08/185641	1/24/94			5452225	9/19/95
1093219	01	US	Granted	Direct Chip Connection Using Demountable Flip Chip Package	08/267629	6/29/94			5528462	6/18/96
1093219	02	JP	Granted	Direct Chip Connection Using Demountable Flip Chip Package	PH07-164159	6/29/95			P3510709	1/9/04
1093219	03	KR	Granted	Direct Chip Connection Using Demountable Flip Chip Package	95.17707	6/28/95			338910	5/20/02
1093224	01	US	Granted	Modal Noise Reduction In Multimode Waveguide Networks Using Large Area Multi-Transverse Mode Vertical Cavity Surface Emitting Lasers	08/083739	6/25/93			5359447	10/25/94
1093224	02	JP	Granted	Modal Noise Reduction In Multimode Waveguide Networks Using Large Area Multi-Transverse Mode Vertical Cavity Surface Emitting Lasers	PH06-165982	6/24/94			P3480989	10/10/03
1093224	03	GB	Granted	Modal Noise Reduction In Multimode Waveguide Networks Using Large Area Multi-Transverse Mode Vertical Cavity Surface Emitting Lasers	9412423.7	6/21/94	2279837		2279837	6/18/97
1093224	04	DE	Granted	Modal Noise Reduction In Multimode Waveguide Networks Using Large Area Multi-Transverse Mode Vertical Cavity Surface Emitting Lasers	P4422209.2	6/24/94	4422209	1/5/95	4422209	1/2/03
1093224	05	DE	Granted	Modal Noise Reduction In Multimode Waveguide Networks Using Large Area Multi-Transverse Mode Vertical Cavity Surface Emitting Lasers	G9422388.2	1/24/01			P4422209.2	5/23/01
1093230	02	US	Granted	Surface Emitting Laser Diodes With Enhance Higher Order Spatial Modes And/Or Filamentation	08/566222	12/1/95			6650684	11/18/03
1093236	02	US	Granted	Vertical CMOS Digital Multi-Valued Restoring Logic Device	08/896895	7/18/97			5777347	7/7/98
1093323	05	US	Granted	Integration Of Surface Emitting Laser And Photodiode For Monitoring Power Output Of Surface Emitting Laser	08/509886	8/1/95			5838708	11/17/98
1093333	01	US	Granted	Second Harmonic Generation In Vertical Cavity Surface-Emitting Laser Using Fused Nonlinear Crystal	08/156228	11/22/93			5390210	2/14/95
1093352	01	US	Granted	Quick Resolving Latch	08/196327	2/15/94			5467038	11/14/95
1093452	04	US	Granted	Quiescent Current Testing Of Dynamic Logic Systems	08/533415	9/25/95			5557620	9/17/96
1093495	01	US	Granted	Distributed Silicon Controlled Rectifiers For ESD Protection	08/234882	4/26/94			5532896	7/2/96
1093531	01	US	Granted	Switching Circuit For Signal Sampling With Reduced Residual Charge Effects	08/282941	7/29/94			5534815	7/9/96
1093541	01	US	Granted	Tunable Thin Film Acoustic Resonators And Method For Making The Same	08/171227	12/21/93			5587620	12/24/96
1093541	02	US	Granted	Tunable Thin Film Acoustic Resonators And Method For Making The Same	08/703716	8/27/96			5873153	2/23/99
1093541	03	US	Granted	Tunable Thin Film Acoustic Resonators And Method For Making The Same	09/192163	11/13/98			6507983	1/21/03
1093553	01	US	Granted	Pad Driver Circuit With Powered Down Device Protection	08/140347	10/20/93			5391940	2/21/95
1093553	02	JP	Pending	Pad Driver Circuit With Powered Down Device Protection	PH06-281329	10/20/94				
1093585	01	US	Granted	Test Fixtures For C4 Solder-Bump Technology	08/218098	3/25/94			5457344	10/10/95
1093599	04	US	Granted	Integrated Level Detector	08/608208	2/28/96			5563893	10/8/96
1093621	01	US	Granted	Intracavity Second Harmonic Generation In The Vertical Cavity Surface Emitting Laser Structure By The Wafer Bonding Technique	08/156216	11/22/93			5363390	11/8/94
1093701	01	US	Granted	An Analog Implementation Of A Partial Response Maximum Likelihood (PRML) Read Channel	08/513188	8/9/95			5734680	3/31/98
1093801	01	US	Granted	Method For Optically And Thermally Isolating Surface Emitting Laser Diodes	08/271606	7/7/94			5729563	3/17/98
1093801	02	JP	Pending	Surface Emitting Laser Diode Array	PH07-195845	7/7/95	08-032178	2/2/96		
1093801	04	GB	Granted	Method For Optically And Thermally Isolating Surface Emitting Laser Diodes	95303910.4	6/7/95	0691717		0691717	11/25/98
1093801	05	DE	Granted	Method For Optically And Thermally Isolating Surface Emitting Laser Diodes	95303910.4	6/7/95	0691717	1/10/96	0691717	11/25/98
1093801	06	FR	Granted	Method For Optically And Thermally Isolating Surface Emitting Laser Diodes	95303910.4	6/7/95	0691717		0691717	11/25/98
1093822	02	DE	Granted	Optical Transceiver Module	19508284.2	3/8/95	19508284		19508284	12/10/98
1093822	03	US	Granted	Optical Transceiver Module	08/382831	2/3/95			5506445	4/9/96
1093842	01	US	Granted	Low Voltage Bipolar Amplifier	08/283877	8/1/94			5436595	7/25/95
1093842	02	JP	Pending	A Bias Circuit For An Amplifier	PH07-122907	5/23/95				
1093842	04	GB	Granted	Bias Circuit For Low Voltage Bipolar Amplifier	9515455.5	7/27/95	2292858		2292858	10/13/99
1094023	01	US	Granted	SRAM Memory Requiring Reduced Voltage Swing During Write	08/221766	3/31/94			5396469	3/7/95

1094031	03	US	Granted	Apparatus And Method For Mapping A Custom Routine To An Interface Button	08/557869	11/14/95			6234689	5/22/01
1094068	02	US	Granted	Enhanced Resolution Liquid Crystal Microthermography Method And Apparatus	08/728928	10/11/96			5767489	6/16/98
10941065	01	US	Granted	A Method Of Programming A Desired Source Resistance For A Driver Stage (as Amended)	08/455473	5/31/95			5581197	12/3/96
10941065	02	JP	Pending	Method For Programming Source Resistance	PH08-122895	5/17/96				
1094135	01	US	Granted	Passive Alignment And Packaging Of Optoelectronic Components To Optical Waveguides Using Flip-Chip Bonding Technology	08/299176	8/31/94			5499312	3/12/96
1094135	02	JP	Granted	Optical Waveguides Coupling With Photonic Devices	PH07-216141	8/24/95			P3720877	9/16/05
1094135	05	DE	Granted	Passive Alignment And Packaging Of Optoelectronic Components Optical Waveguides Using Flip-Chip Bonding Technology	95110816.6	7/11/95	0699931	8/1/01	69526981	6/5/02
1094135	06	GB	Granted	Passive Alignment And Packaging Of Optoelectronic Components Optical Waveguides Using Flip-Chip Bonding Technology	95110816.6	7/11/95	0699931	8/1/01	0699931	6/5/02
1094135	07	DE	Granted	Passive Alignment And Packaging Of Optoelectronic Components Optical Waveguides Using Flip-Chip Bonding Technology	01100336.5	1/4/01	1120673	8/2/01	69529582.9	2/5/03
1094135	08	GB	Granted	Passive Alignment And Packaging Of Optoelectronic Components Optical Waveguides Using Flip-Chip Bonding Technology	01100336.5	1/4/01	1120673	8/2/01	1120673	2/5/03
1094153	02	US	Granted	Calendar Clock Circuit For Computer Workstations	08/850123	5/1/97			5943297	8/24/99
1094154	01	US	Granted	Interface And Loopback Circuit For Character Based Computer Peripheral Devices	08/317440	10/4/94			5586123	12/17/96
1094176	01	US	Granted	Forming A Buried Insulator Layer Using Plasma Source Ion Implantation	08/280103	7/25/94			5661043	8/26/97
1094176	02	JP	Granted	Method For A Buried Insulator Layer	PH07-120300	5/19/95			P3647506	2/18/05
1094176	03	KR	Granted	Forming A Buried Insulator Layer Using Plasma Source Ion Implantation	95.21877	7/24/95			0351489	8/22/02
1094189	02	JP	Pending	A Protection Device And Method For Manufacturing It	PH07-259290	9/12/95				
1094189	03	KR	Granted	Device And Method Of Manufacture For Protection Against Plasma Charging Damage In Advanced MOS Technologies	95.29646	9/12/95			0372905	2/6/03
1094189	05	US	Granted	Device And Method Of Manufacture For Protection Against Plasma Charging Damage In Advanced MOS Technologies	08/822365	3/20/97			5760445	8/2/98
1094236	01	US	Granted	Hot Plug Tolerant ESD Protection For An IC	08/290627	8/15/94			5550699	8/27/96
1094236	02	JP	Granted	ESD Protection Circuit	PH07-224636	8/9/95			P3691554	6/24/05
1094346	02	JP	Granted	A CMOS Input-Output, Level-Shifting Pad	PH07-186894	7/24/95			P3683620	6/3/05
1094374	01	US	Granted	Binary Image Scaling By Piecewise Polynomial Interpolation	08/286561	8/5/94			5627953	5/6/97
1094374	04	DE	Granted	Binary Image Scaling	95304268.6	6/20/95	0696017	2/7/96	0696017	8/16/01
1094374	05	FR	Granted	Binary Image Scaling	95304268.6	6/20/95	0696017	2/7/96	0696017	8/16/01
1094374	06	GB	Granted	Binary Image Scaling	95304268.6	6/20/95	0696017	2/7/96	0696017	8/16/01
1094374	07	IT	Granted	Binary Image Scaling	95304268.6	6/20/95	0696017	2/7/96	0696017	8/16/01
1094497	01	US	Granted	System And Method For Modelling Integrated Circuit Bridging Faults	08/322649	10/13/94			5671150	9/23/97
1094606	02	JP	Granted	Current Control Device And Current Control Method	PH08-067692	3/25/96			P3703198	7/29/05
1094606	04	KR	Granted	Predriver Circuit For High Current Loads	96.8724	3/28/96			392799	7/14/03
1094606	05	US	Granted	Method And Apparatus For Predriving A Driver Circuit For A Relatively High Current Load	08/706377	8/30/96			5781045	7/14/98
1094606	08	GB	Granted	Predriver Circuit For High Current Loads	95305642.1	8/14/95	0735676	10/2/96	0735676	5/23/01
1094712	01	US	Granted	Variable Slew Rate Pulse Generator	08/507185	7/26/95			5642067	6/24/97
1094713	01	US	Granted	N-Drive P-Common Surface Emitting Laser (SEL) Fabricated On N+ Substrate	08/330033	10/27/94			5892784	4/6/99
1094713	02	JP	Pending	Surface Emitting Laser Device And Method For Forming The Same	PH07-303753	10/27/95				
1094713	04	DE	Granted	An N-Drive P-Common Surface Emitting Laser Fabricated On N+ Substrate	95116057.1	10/11/95	0709939		69504276.9	8/26/98
1094713	05	FR	Granted	An N-Drive P-Common Surface Emitting Laser Fabricated On N+ Substrate	95116057.1	10/11/95	0709939		0709939	8/26/98
1094713	06	GB	Granted	An N-Drive P-Common Surface Emitting Laser Fabricated On N+ Substrate	95116057.1	10/11/95	0709939		0709939	8/26/98
1094755	01	US	Granted	Method And Apparatus For AC/DC Signal Multiplexing	08/393634	2/24/95			5532655	7/2/96
1094755	02	JP	Pending	Method And Apparatus For AC/DC Multiplexing	PH08-020737	2/7/96				

1094755	03	GB	Granted	Simultaneous Transmission Of AC And DC Signals Along A Conductor	9602508.5	2/7/96	2298328	8/28/96	2298328	9/9/98
1094759	01	US	Granted	Method And Apparatus For A Load Adaptive Pad Driver	08/417335	4/5/95			5598119	1/28/97
1094759	02	JP	Granted	Driver And Drive Method	PH08-067693	3/25/96			P3709006	8/12/05
1094759	04	KR	Granted	Method And Apparatus For Load Adaptive Pad Driver	96.10124	4/4/96			0396463	8/20/03
1094812	01	US	Granted	Method And Device For Achieving High Contrast Surface Illumination	08/627625	4/4/96			5686720	11/11/97
1094812	02	JP	Pending	Method And Device For Achieving High Contrast Surface Illumination	PH09-057567	3/12/97				
1094812	04	DE	Granted	Method And Device For Achieving High Contrast Surface Illumination	97302270.0	4/2/97	0800307	9/16/98	0800307	9/4/02
1094812	05	GB	Granted	Method And Device For Achieving High Contrast Surface Illumination	97302270.0	4/2/97	0800307	9/16/98	0800307	9/4/02
1094812	06	FR	Granted	Method And Device For Achieving High Contrast Surface Illumination	97302270.0	4/2/97	0800307	9/16/98	0800307	9/4/02
1094832	01	US	Granted	Reliable Low Thermal Resistance Package For High Power Flip Chip ICs	08/319764	10/7/94			5585671	12/17/96
1094841	01	US	Granted	Electroluminescent Materials For Edge Emitter	08/571566	12/13/95			5700592	12/23/97
1094843	01	US	Granted	Edge Emitter As A Directional Line Source	08/369598	1/6/95			5525866	6/11/96
1094843	02	JP	Pending	An Edge Emitter As A Directional Line Source	PH07-342034	12/28/95				
1094843	04	TW	Granted	Edge Emitter As A Directional Line Source	84111050	10/19/95	312020	8/1/97	88748	10/11/00
1094843	05	KR	Granted	Edge Emitter As A Directional Line Source	96.10	1/3/96			0397416	8/27/03
1094843	06	CN	Granted	Edge Emitter As A Directional Line Source	96100604.8	1/5/96	1166585	12/3/97	1089416	8/21/02
1094843	07	DE	Granted	Edge Emitter As A Directional Line Source	95309348.1	12/21/95	0721293	7/10/96	0721293	7/11/01
1094843	08	FR	Granted	Edge Emitter As A Directional Line Source	95309348.1	12/21/95	0721293	7/10/96	0721293	7/11/01
1094843	09	GB	Granted	Edge Emitter As A Directional Line Source	95309348.1	12/21/95	0721293	7/10/96	0721293	7/11/01
1094903	02	US	Granted	Method For Etching Compound Solid State Material	08/587173	1/16/96			563596	11/4/97
1094919	01	US	Granted	Low Cost, High Thermal Performance Package For Flip Chips With Low Mechanical Stress Chip	08/415114	3/31/95			5621615	4/15/97
1094966	01	US	Granted	Infrared Receiver With Variable Input Resistance For Optical Communication Systems (As Amended)	08/426745	4/20/95			5600128	2/4/97
10950020	01	US	Granted	Post-Fabrication Tuning Of Acoustic Resonators	08/752702	11/19/96			5780713	7/14/98
10950031	01	US	Granted	Low-Profile, High-Gain, Wide-Field-Of-View, Non-Imaging Optics	08/410953	3/27/95			5699201	12/16/97
10950031	02	JP	Pending	Low-Profile, High-Gain, Wide-Field-Of-View, Non-Imaging Optics	PH08-051215	3/8/96				
10950031	04	GB	Granted	Low-Profile, High-Gain, Wide-Field-Of-View, Non-Imaging Optics	96302058.1	3/26/96	0735396	4/9/97	0735396	1/8/03
10950031	05	NL	Granted	Low-Profile, High-Gain, Wide-Field-Of-View, Non-Imaging Optics	96302058.1	3/26/96	0735396	4/9/97	0735396	1/8/03
10950031	06	FR	Granted	Low-Profile, High-Gain, Wide-Field-Of-View, Non-Imaging Optics	96302058.1	3/26/96	0735396	4/9/97	0735396	1/8/03
10950036	01	US	Granted	Apparatus And Method For Aligning Optical Fibers With Respect To One Another (As Amended)	08/404688	3/15/95			5528724	6/18/96
10950036	02	JP	Pending	Optical Fiber Alignment Apparatus, Light Altering Apparatus And Optical Amplifier	PH08-033513	2/21/96				
10950036	04	EP	Published	Optical Fiber Alignment	01110557.4	3/14/96	1124148	8/16/01		
10950036	06	DE	Granted	Optical Fiber Alignment	96301763.7	3/14/96	0732603	8/27/97	0732603	1/22/03
10950036	07	FR	Granted	Optical Fiber Alignment	96301763.7	3/14/96	0732603	8/27/97	0732603	1/22/03
10950036	08	GB	Granted	Optical Fiber Alignment	96301763.7	3/14/96	0732603	8/27/97	0732603	1/22/03
10950036	09	DE	Granted	Optical Fiber Alignment	01110558.2	3/14/96	1124149	8/16/01	1124149	7/9/03
10950036	10	GB	Granted	Optical Fiber Alignment	01110558.2	3/14/96	1124149	8/16/01	1124149	7/9/03
10950036	11	FR	Granted	Optical Fiber Alignment	01110558.2	3/14/96	1124149	8/16/01	1124149	7/9/03
10950061	01	US	Granted	Polymer-Based Electroluminescent Device With Improved Stability	08/463141	6/6/95			5629389	5/13/97
10950061	02	JP	Pending	Electroluminescent Device	PH08-141457	6/4/96	09-106889	4/22/97		
10950076	01	US	Granted	Low Noise Surface Emitting Laser For Multimode Optical Link Applications	08/447657	5/23/95			5659568	8/19/97
10950076	02	JP	Pending	Low Noise Surface Emitting Laser For Multimode Optical Link Applications	PH08-128718	5/23/96	09-102648	4/15/97		
10950076	04	FR	Granted	Low Noise Surface Emitting Laser For Multimode Optical Link Applications	96303551.4	5/20/96	0744799	9/17/97	0744799	11/24/99
10950076	05	GB	Granted	Low Noise Surface Emitting Laser For Multimode Optical Link Applications	96303551.4	5/20/96	0744799	9/17/97	0744799	11/24/99
10950076	06	DE	Granted	Low Noise Surface Emitting Laser For Multimode Optical Link Applications	96303551.4	5/20/96	0744799	9/17/97	69605245.8	11/24/99
10950080	01	US	Granted	Mechanical Fiber Optic Switch	08/497497	6/28/95			5699463	12/16/97
10950080	02	JP	Pending	Mechanical Fiber Optic Switch	PH08-167237	6/27/96				
10950080	04	EP	Published	Mechanical Fiber Optic Encoder	01112783.4	6/14/96	1132763	9/12/01		

10950080	05	DE	Granted	Mechanical Fiber Optic System	96304469.8	6/14/96	0751415	4/2/97	0751415	12/19/01
10950080	06	FR	Granted	Mechanical Fiber Optic System	96304469.8	6/14/96	0751415	4/2/97	0751415	12/19/01
10950080	07	GB	Granted	Mechanical Fiber Optic System	96304469.8	6/14/96	0751415	4/2/97	0751415	12/19/01
10950085	01	US	Granted	Radially Staggered Bond Pad Arrangements For Integrated Circuit Pad Circuitry	08/452224	5/26/95			5818114	10/6/98
10950126	01	US	Granted	Transparent Substrate Vertical Cavity Surface Emitting Lasers Fabricated By Semiconductor Wafer Bonding	08/565537	11/30/95			5724376	3/3/98
10950126	02	JP	Pending	Transparent Substrate Vertical Cavity Surface Emitting Lasers Fabricated By Semiconductor Wafer Bonding	PH08-315844	11/27/96				
10950126	05	US	Granted	Fabrication Transparent Substrate Vertical Cavity Surface Emitting Lasers By Semiconductor Wafer Bonding (as Amended)	08/862870	5/23/97			5837561	11/17/98
10950126	07	GB	Granted	Verticle Cavity Surface Emitting Lasers	0011560.0	11/29/96	2347558	9/6/00	2347558	11/15/00
10950127	02	JP	Pending	Method And Apparatus For Parallel Optical Data Link	PH08-073792	3/28/96				
10950127	04	US	Granted	Method And Apparatus For Parallel Optical Data Link	08/412251	3/28/95			6012855	1/11/00
10950127	05	DE	Granted	Method And Apparatus For Parallel Optical Data Link	96302186.0	3/28/96	0735704	8/20/97	0735704	6/19/02
10950127	07	GB	Granted	Method And Apparatus For Parallel Optical Data Link	96302186.0	3/28/96	0735704	8/20/97	0735704	6/19/02
10950133	01	JP	Granted	Multi-Layer Film Structure And Surface Emitting Lasers	PH07-129595	4/28/95			P3691544	6/24/05
10950133	02	US	Granted	Multilayer Film Structure And Vertical Cavity Surface Emitting Lasers	08/637955	4/25/96			5729567	3/17/98
10950133	04	DE	Granted	Multilayer Film Structure And Vertical Cavity Surface Emitting Lasers	96302908.7	4/25/96	0740377		0740377	8/18/99
10950133	05	FR	Granted	Multilayer Film Structure And Vertical Cavity Surface Emitting Lasers	96302908.7	4/25/96	0740377		0740377	8/18/99
10950133	06	GB	Granted	Multilayer Film Structure And Vertical Cavity Surface Emitting Lasers	96302908.7	4/25/96	0740377	10/30/96	0740377	8/18/99
10950136	01	US	Granted	N-Drive, P-Common Light-Emitting Devices Fabricated On An N-Type Substrate And Method Of Making Same	08/635838	4/22/96			5892787	4/6/99
10950136	02	JP	Pending	N-Drive, P-Common Light-Emitting Devices Fabricated On An N-Type Substrate And Method Of Making Same	PH09-103288	4/21/97				
10950141	01	US	Granted	Current And Heat Spreading Transparent Layers For Surface Emitting Lasers	08/486008	6/8/95			5596595	1/21/97
10950141	02	JP	Pending	Current And Heat Spreading Transparent Layers For Surface-Emitting Lasers	PH08-144106	6/6/96				
10950165	01	US	Granted	High Voltage Tolerant CMOS Input/Output Pads Circuits	08/520218	8/28/95			5646809	7/8/97
10950165	02	JP	Pending	High Voltage Tolerant CMOS Input/output Pad Circuits	PH08-204408	8/2/96				
10950200	01	US	Granted	Dual-Adjust Current-Controlled Phase Locked Loop	08/585053	1/11/96			5691669	11/25/97
10950248	01	US	Granted	Low Differential Light Level Photoreceptors	08/591648	1/25/96			5769384	6/23/98
10950248	02	JP	Pending	Low Differential Light Level Photoreceptors	PH08-343742	12/24/96	09-233259	9/5/97		
10950248	04	EP	Published	Low Light Level Photoreceptors	01128724.0	1/14/97	1198125	3/12/03		
10950248	05	DE	Granted	Low Differential Light Level Photoreceptors	97300190.2	1/14/97	0786897	4/22/98	0786897	4/2/03
10950248	06	GB	Granted	Low Differential Light Level Photoreceptors	97300190.2	1/14/97	0786897	4/22/98	0786897	4/2/03
10950248	07	FR	Granted	Low Differential Light Level Photoreceptors	97300190.2	1/14/97	0786897	4/22/98	0786897	4/2/03
10950248	08	JP	Published	Low Differential Light Level Photoreceiver Array	P2003-421086	12/18/03	2004165685	6/10/04		
10950264	04	US	Granted	Ancillary Pads For On-Circuit Array Probing Composed Of I/O And Test Pads (as Amended)	08/920337	8/27/97			5838023	11/17/98
10950321	01	US	Granted	Method And Apparatus For Extracting A Gate Modeled Circuit From A FET Modeled Circuit	08/566233	12/1/95			5734798	3/31/98
10950321	02	JP	Pending	Method And Apparatus For Extracting A Gate Modeled Circuit From A FET Modeled Circuit	PH08-318062	11/28/96				
10950404	01	US	Granted	Method Of Extracting Parasitic Capacitance Values From The Physical Design Of An Integrated Circuit	08/566248	12/1/95			5706206	1/6/98
10950404	02	JP	Pending	Method Of Extracting Parasitic Capacitance Values From The Physical Design Of An Integrated Circuit	PH08-308822	11/20/96				
10950448	01	US	Granted	Offset Removal And Spatial Frequency Band Filtering Circuitry For Photoreceiver Signals	08/591076	1/25/96			5703353	12/30/97
10950448	02	JP	Pending	Offset Removal And Spatial Frequency Band Filtering Circuitry	PH09-000828	1/7/97	10-136149	5/22/98		

10950448	04	US	Granted	Offset Removal Circuitry For Photoreceiver Signals	08/924161	9/5/97				5900625	5/4/99
10950448	05	EP	Published	Offset Removal And Spatial Frequency Band Filtering Circuitry For Photoreceiver Signals	01117841.5	1/13/97	1175090	1/23/02			
10950448	06	JP	Published	Parallel Analog Signal Processing For Removal Of Low Spatial Frequency Image Components	P2003-434480	12/26/03	2004120801	4/15/04			
10950448	07	DE	Granted	Offset Removal And Spatial Frequency Band Filtering Circuitry For Photoreceiver Signals	97300163.9	1/13/97	0786899	10/14/98	69730367.5		8/25/04
10950448	08	FR	Granted	Offset Removal And Spatial Frequency Band Filtering Circuitry For Photoreceiver Signals	97300163.9	1/13/97	0786899	10/14/98	0786899		8/25/04
10950448	09	GB	Granted	Offset Removal And Spatial Frequency Band Filtering Circuitry For Photoreceiver Signals	97300163.9	1/13/97	0786899	10/14/98	0786899		8/25/04
10950453	01	US	Granted	A Long-Wavelength Infra-Red Vertical Cavity Surface-Emitting Laser On A Gallium-Arsenide Substrate	08/688338	7/30/96				5805624	9/8/98
10950453	02	JP	Pending	Long-Wavelength Infra-Red Vertical Cavity Surface-Emitting Laser On A Gallium-Arsenide Substrate	PH09-184739	7/10/97					
10950520	01	US	Granted	A Praseodymium-Doped Fluoride Fiber Upconversion Laser For The Generation Of Blue Light	08/524058	9/6/95				5621749	4/15/97
10950620	01	US	Granted	Low Cost Compact Optical Isolators	08/588042	1/17/96				5808793	9/15/98
10950620	02	JP	Pending	Low Cost Compact Optical Isolators	PH09-004551	1/14/97					
10950620	04	DE	Granted	Low Cost Compact Optical Isolators	97300096.1	1/9/97	0785456	7/23/97	69729230.4		5/26/04
10950620	05	FR	Granted	Low Cost Compact Optical Isolators	97300096.1	1/9/97	0785456	7/23/97	0785456		5/26/04
10950620	06	GB	Granted	Low Cost Compact Optical Isolators	97300096.1	1/9/97	0785456	7/23/97	0785456		5/26/04
10950628	01	US	Granted	Micropotonic Acousto-Optic Tunable Laser	08/751137	11/15/96				5724373	3/3/98
10950632	01	US	Granted	Vertical Cavity Surface Emitting Laser With Low Band Gap Highly Doped Contact Layer	08/684649	7/19/96				5818861	10/6/98
10950680	01	US	Granted	Offset Rotated Transducers For Acousto-Optical Tunable Filters	08/625614	3/29/96				5652809	7/29/97
10950680	02	JP	Pending	Offset Rotated Transducers For Acousto-Optical Tunable Filters	PH09-071168	3/25/97	10-010481	1/16/98			
10950680	04	DE	Granted	Acousto-Optical Filters	97302159.5	3/27/97	0798589	10/1/97	0798589		6/5/02
10950680	06	GB	Granted	Acousto-Optical Filters	97302159.5	3/27/97	0798589	10/1/97	0798589		6/5/02
10950705	01	US	Granted	Electroluminescent Display Device	08/687011	7/16/96				5902688	5/11/99
10950733	01	US	Granted	Organic Electroluminescent Device	08/508020	7/27/95				5719467	2/17/98
10950733	02	JP	Published	Organic Electroluminescent Device And Method For Manufacturing Organic Electroluminescent Device	PH08-194695	7/24/96	09-045479	2/14/97			
10950754	01	US	Granted	Thermal Optical Switches For Light	08/551236	10/31/95				5732168	3/24/98
10950754	03	US	Granted	Thermal Optical Switches For Light	08/954431	10/20/97				5828799	10/27/98
10950754	05	US	Granted	Improved Liquid Switches For Light	09/370778	8/5/99				6212308	4/3/01
10950786	01	US	Granted	Face Emitting Electroluminescent Exposure Array	08/551235	10/31/95				5835119	11/10/98
10950813	01	US	Granted	Integrated Circuit For Automatic Determination Of PCI Signaling Environment - Either 3.3V Or 5V	08/580402	12/28/95				5689202	11/18/97
10950837	01	US	Granted	Time Multiplexing A Plurality Of Configuration Settings Of A Programmable Switch Element In A FPGA	08/587687	1/17/96				5760602	6/2/98
10950837	02	JP	Pending	Time Multiplexing A Plurality Of Configuration Settings Of A Programmable Switch Element In A FPGA	PH09-002064	1/9/97	10-173516	6/26/98			
10950851	01	JP	Pending	GaN LED Shaped With A-Face Sides	PH07-256749	9/8/95					
10950862	02	JP	Pending	Programmable Gate Array Configuration Memory Which Allows Sharing With User Memory	PH09-030203	2/14/97					
10950869	01	US	Granted	Fan Assisted Heat Sink Device	08/593185	2/1/96				5785116	7/28/98
10950869	02	JP	Pending	Fan Assisted Heat Sink Device	PH09-031141	1/30/97					
10950869	03	GB	Granted	Fan Assisted Heat Sink Device	962587.8	12/11/96	2309775	8/6/97	2309775		8/23/00
10950869	04	DE	Granted	Fan Assisted Heat Sink Device	19701938.2	1/21/97	19701938	8/7/97	19701938		7/28/04
10950869	05	CN	Granted	Fan Assisted Heat Sink Device	96123460.1	12/31/96	1160240	9/24/97	ZL96123460		12/24/03
10950869	06	US	Granted	Fan Assisted Heat Sink Device	09/056416	4/7/98				5975194	11/2/99
10950869	07	US	Granted	Cooling Device And Method	09/389948	9/3/99				6152214	11/28/00
10950869	08	GB	Granted	Fan Assisted Heat Sink Device	0016035.8	12/11/96	2348277	9/27/00	2348277		2/14/01
10950869	09	US	Granted	Cooling Device And Method	09/670919	9/29/00				6698499	3/2/04
10950893	01	US	Granted	Arithmetic Cell For Field Programmable Devices	08/718849	9/26/96				5805477	9/8/98
10950893	02	JP	Pending	Arithmetic Cell For Field Programmable Devices	PH09-228721	8/26/97					
10950913	01	US	Granted	Vertical-Cavity Surface-Emitting Laser Generating Light With A Defined Of Polarization	08/551302	10/31/95				5727014	3/10/98
10950913	02	JP	Pending	Vertical-Cavity Surface-Emitting Laser Generating Light With A Defined Of Polarization	PH08-288449	10/30/96	09-172218	6/30/97			
10950913	04	GB	Granted	Vertical-Cavity Surface-Emitting Laser Generating Light With A Defined Direction Of Polarization	96307520.5	10/16/96	0772269			0772269	7/21/99
10950913	05	DE	Granted	Vertical-Cavity Surface-Emitting Laser Generating Light With A Defined Direction Of Polarization	96307520.5	10/16/96	0772269			0772269	7/21/99

10950917	01	US	Granted	Vertical-Cavity Surface-Emitting Laser With Reduced Turn-On Jitter And Increased Single-Mode Output And Method Of Making Same	08/614988	3/12/96			5867516	2/2/99
10950917	02	JP	Pending	Vertical-Cavity Surface-Emitting Laser With Reduced Turn-On Jitter And Increased Single-Mode Output And Method Of Making Same	PH09-049976	3/5/97				
10950917	04	DE	Granted	Vertical-Cavity Surface-Emitting Laser With Reduced Turn-On Jitter And Increased Single-Mode Output And Method Of Making Same	97301538.1	3/7/97	0795940	9/17/97	0795940	10/11/00
10950917	05	FR	Granted	Vertical-Cavity Surface-Emitting Laser With Reduced Turn-On Jitter And Increased Single-Mode Output And Method Of Making Same	97301538.1	3/7/97	0795940	9/17/97	0795940	10/11/00
10950917	06	GB	Granted	Vertical-Cavity Surface-Emitting Laser With Reduced Turn-On Jitter And Increased Single-Mode Output And Method Of Making Same	97301538.1	3/7/97	0795940	9/17/97	0795940	10/11/00
10950918	01	US	Granted	Integrated Controlled Intensity Laser-Based Light Source	08/591849	1/25/96			5761229	6/12/98
10950918	04	DE	Granted	Integrated Controlled Intensity Laser-Based Light Source	97300440.1	1/24/97	0786837	10/15/97	0786837	3/29/00
10950918	05	FR	Granted	Integrated Controlled Intensity Laser-Based Light Source	97300440.1	1/24/97	0786837	10/15/97	0786837	3/29/00
10950918	06	GB	Granted	Integrated Controlled Intensity Laser-Based Light Source	97300440.1	1/24/97	0786837	10/15/97	0786837	3/29/00
10950920	01	US	Granted	Vertical Cavity Surface Emitting Laser Arrays For Illumination	08/548346	11/1/95			5707139	1/13/98
10950920	04	US	Granted	Vertical Cavity Surface Emitting Laser Arrays For Illumination	08/884378	6/27/97			5758951	6/2/98
10950920	06	JP	Pending	Vertical Cavity Surface Emitting Laser Arrays For Illumination	PH09-517340	10/2/96	2001-52080	10/30/01		
10950920	07	KR	Granted	Vertical Cavity Surface Emitting Laser Arrays For Illumination	98.0703254	10/2/96			0468256	1/18/05
10950937	01	US	Granted	Pseudo Differential Bus Driver/Receiver For Field Programmable Devices	08/694891	8/8/96			5818261	10/6/98
10950937	02	JP	Pending	Pseudo Differential Bus Driver/Receiver For Field Programmable Devices	PH09-207976	8/1/97				
10950982	01	US	Granted	Total Internal Reflection Optical Switches Employing Thermal Activation	08/663503	6/14/96			5699462	12/16/97
10950982	02	JP	Pending	Total Internal Reflection Optical Switches Employing Thermal Activation	PH09-138265	5/28/97				
10951003	04	US	Granted	Bonding Tool For Tape Automated Assembly	08/521196	8/30/95			5818472	10/6/98
10951014	01	JP	Pending	Light Modulator And Display	PH07-352615	12/29/95	09-189869	7/22/97		
10951014	02	US	Granted	Electrostatically-Driven Light Modulator And Display	08/771566	12/20/96			5745281	4/28/98
10951017	01	US	Granted	Dual Input Voltage Controlled Oscillator With Compensated Bang/Bang Frequency	08/749596	11/15/96			5872468	2/16/99
10951017	02	JP	Pending	A Dual Voltage Controlled Oscillator With Compensated Bang/Bang Frequency	PH09-282301	10/15/97				
10951017	05	GB	Granted	A Dual Input Voltage Controlled Oscillator With Compensated Band/Bang Frequency	0022955.9	11/12/97	2351194	12/20/00	2351194	2/14/01
10951025	01	US	Granted	RF-Tags Using Thin Film Bulk Wave Acoustic Resonators	08/909677	8/12/97			5883575	3/16/99
10951097	02	JP	Granted	An Arrangement For Growing A Thin Dielectric Layer On A Semiconductor Wafer At Low Temperatures	PH09-071251	3/25/97	10-004090	1/6/98	P3561388	6/4/04
10951097	04	US	Granted	Arrangement For Growing A Thin Dielectric Layer On A Semiconductor Wafer At Low Temperatures	08/621410	3/25/96			5861190	1/19/99
10951105	01	US	Granted	Method And System For Tracking Attitude	08/540355	10/6/95			5786804	7/28/98
10951105	02	JP	Pending	Method And System For Tracking Attitude	PH08-264454	10/4/96				
10951105	05	US	Granted	Method And System For Tracking Attitude	09/022097	2/11/98			6175357	1/16/01
10951105	06	US	Granted	Method And System For Tracking Attitude	09/691318	10/18/00			8489945	12/3/02
10951105	07	DE	Granted	Method And System For Tracking Attitude	96306771.5	9/18/96	0767443	11/5/97	0767443	4/10/02
10951105	08	FR	Granted	Method And System For Tracking Attitude	96306771.5	9/18/96	0767443	11/5/97	0767443	4/10/02
10951105	09	GB	Granted	Method And System For Tracking Attitude	96306771.5	9/18/96	0767443	11/5/97	0767443	4/10/02
10951105	10	US	Pending	Method And System For Tracking Attitude	11/001713	12/2/04				
10960005	01	US	Granted	A High Speed, Low Noise, Low Power, Electronic Memory Sensing Scheme	08/709983	9/9/96			5680357	10/21/97
10960006	01	US	Granted	Multiple On-Chip IDDQ Monitors	08/732077	10/16/96			5757203	5/26/98
10960006	06	GB	Granted	Multiple On-Chip IDDQ Monitors	97307780.3	10/2/97	0838760	6/17/98	0838760	1/2/02
10960019	01	US	Granted	Growth Of Electroluminescent Phosphors By MOCVD	08/757864	11/27/96			5942284	8/24/99
10960129	01	JP	Published	P-Type Nitride Semiconductor Position Apparatus And Its Manufacturing Method	PH09-005339	1/16/97	10-209569	8/7/98		

10960129	02	US	Granted	P-Type Group III-Nitride Semiconductor Device And Method Of Making	09/003259	1/6/98				6150672	11/21/00
10960129	04	US	Granted	P-Type III Nitride Semiconductor Device And Method For Making	09/562494	5/1/00				6238945	5/29/01
10960149	01	US	Granted	Laser-Based Controlled-Intensity Light Source Using Reflection From A Convex Surface And Method Of Making Same	08/591846	1/25/96				5835514	11/10/98
10960149	02	JP	Pending	Laser-Based Controlled-Intensity Light Source Using Reflection From A Convex Surface, And Method Of Making Same	PH09-011036	1/24/97	10-215020	8/1/98			
10960149	05	DE	Granted	Laser-Based Controlled Intensity Light Source Using Reflection From A Convex Surface, And Method Of Making Same	97300439.3	1/24/97	0786836	10/29/97	0786836	0786836	5/26/99
10960149	06	GB	Granted	Laser-Based Controlled Intensity Light Source Using Reflection From A Convex Surface, And Method Of Making Same	97300439.3	1/24/97	0786836	10/29/97	0786836	0786836	5/26/99
10960212	01	US	Granted	Micro-Photonics Module	08/705867	8/28/96				5771323	6/23/98
10960212	02	JP	Pending	An Improved Micro-Photonics Module	PH09-212902	8/7/97					
10960212	04	DE	Granted	An Improved Micro-Photonics Module	97109858.7	6/17/97	0826993	3/4/98	69727343.1	0826993	1/28/04
10960212	05	FR	Granted	An Improved Micro-Photonics Module	97109858.7	6/17/97	0826993	3/4/98	0826993	0826993	1/28/04
10960212	06	GB	Granted	An Improved Micro-Photonics Module	97109858.7	6/17/97	0826993	3/4/98	0826993	0826993	1/28/04
10960221	01	US	Granted	Capped Edge Emitter	08/610174	3/4/96				5811931	9/22/98
10960221	02	JP	Pending	Capped Edge Emitter	PH09-048811	3/4/97					
10960221	04	DE	Granted	Capped Edge Emitter	97301377.4	3/3/97	0794688	9/10/97	0794688	0794688	12/5/01
10960221	05	GB	Granted	Capped Edge Emitter	97301377.4	3/3/97	0794688	9/10/97	0794688	0794688	12/5/01
10960264	01	US	Granted	High Intensity Single-Mode VCSELS	08/667259	6/20/96				5838715	11/17/98
10960264	02	JP	Pending	High Intensity Single-Mode VCSELS	PH09-162195	6/19/97					
10960311	02	US	Granted	Integrated Circuit Design System And Method For Generating A Regular Structure Embedded In A Standard Cell Control Block	08/641660	5/1/96				5847969	12/8/98
10960312	01	US	Granted	Highly Compressible Representation Of Test Pattern Data	08/779760	1/7/97				5905986	5/18/99
10960376	01	US	Granted	A Method For Making Fluid Optical Switches	08/842927	4/9/97				5852689	12/22/98
10960376	02	JP	Pending	Method For Making Fluid Optical Switches	PH10-097891	4/9/98					
10960376	04	DE	Granted	Method For Making Fluid Optical Switches	97121692.4	12/9/97	0871053	10/14/98	69725960.9	0871053	11/5/03
10960376	05	FR	Granted	Method For Making Fluid Optical Switches	97121692.4	12/9/97	0871053	10/14/98	0871053	0871053	11/5/03
10960376	06	GB	Granted	Method For Making Fluid Optical Switches	97121692.4	12/9/97	0871053	10/14/98	0871053	0871053	11/5/03
10960403	01	US	Granted	An Improved Optical Waveguide Device For Wavelength Demultiplexing And Waveguide Crossing	08/852368	5/7/97				5894535	4/13/99
10960499	02	US	Granted	A Redistribution Layer And Under Bump Material Structure For Converting Periphery Conductive Pads To An Array Of Solder Bumps	09/241221	2/1/99				6011314	1/4/00
10960632	01	US	Granted	Patterned Polymer Electroluminescent Devices Based On Microlithographic Processes	08/813962	3/3/97				5965280	10/12/99
10960632	02	JP	Granted	Patterned Polymer Electroluminescent Devices Based On Microlithographic Processes	PH10-050393	3/3/98				P3041349	3/10/00
10960632	03	EP	Published	Patterned Polymer Electroluminescent Devices Based On Microlithographic Processes	98301500.9	3/2/98	0863557	9/8/99			
10960632	04	EP	Published	Patterned Polymer Electroluminescent Devices Based On Microlithographic Processes	03026322.2	11/17/03	1394871	6/2/04			
10960696	01	US	Granted	Method And Apparatus For Determining IDDQ	08/741879	10/30/96				5789933	8/4/98
10960696	02	JP	Granted	Method And Apparatus For Determining IDDQ	PH09-278916	10/13/97				P2983938	9/24/99
10960696	04	DE	Granted	Method And Apparatus For Determining IDDQ	97307939.5	10/8/97	0840227	5/6/98	69710842.2	0840227	3/6/02
10960696	05	GB	Granted	Method And Apparatus For Determining IDDQ	97307939.5	10/8/97	0840227	5/6/98	0840227	0840227	3/6/02
10960739	01	US	Granted	A Photo Detector With An Integrated Mirror And A Method Of Making The Same	08/705873	8/28/96				5808293	9/15/98
10960739	02	JP	Granted	Photo Detector With An Integrated Mirror A A Method Of Making The Same	PH09-224597	8/21/97				P3167650	3/9/01
10960739	03	EP	Published	A Photo Detector With An Integrated Mirror And A Method Of Making The Same	97109843.9	6/17/97	0827211	8/5/98			
10960740	01	US	Granted	Fabricating An Optical Device Having At Least An Optical Filter And A Mirror	08/705872	8/28/96				5731904	3/24/98
10960740	02	JP	Granted	Fabricating An Optical Device Having At Least An Optical Filter And A Mirror	PH09-229862	8/26/97				P3410640	3/20/03
10960740	04	DE	Granted	Fabricating An Optical Device Having At Least An Optical Filter And A Mirror	97109868.6	5/17/97	0826994	3/11/98	69724536.5	0826994	9/3/03
10960740	05	FR	Granted	Fabricating An Optical Device Having At Least An Optical Filter And A Mirror	97109868.6	5/17/97	0826994	3/11/98	0826994	0826994	9/3/03
10960740	06	GB	Granted	Fabricating An Optical Device Having At Least An Optical Filter And A Mirror	97109868.6	5/17/97	0826994	3/11/98	0826994	0826994	9/3/03
10960741	01	US	Granted	A Photonics Module Having Its Components Mounted On A Single Mounting Member	08/705874	8/28/96				5848211	12/8/98

10960741	02	JP	Granted	A Photonics Module Having Its Components Mounted On A Single Mounting Member	PH09-229863	8/26/97			P3179743	4/13/01
10960741	04	DE	Granted	A Photonics Module Having Its Components Mounted On A Single Mounting Member	97109882.7	6/17/97	0826994	3/4/98	69734044.9	8/24/05
10960741	05	FR	Granted	A Photonics Module Having Its Components Mounted On A Single Mounting Member	97109882.7	6/17/97	0826994	3/4/98	0826995	8/24/05
10960741	06	GB	Granted	A Photonics Module Having Its Components Mounted On A Single Mounting Member	97109882.7	6/17/97	0826994	3/4/98	0826995	8/24/05
10960742	01	US	Granted	Mounting A Planar Optical Component On A Mounting Member	08/705870	8/28/96			5862283	1/19/99
10960742	02	JP	Granted	Mounting A Planar Optical Component On A Mounting Member	PH09-231640	8/28/97			P3168297	3/16/01
10960742	04	DE	Granted	Mounting A Planar Optical Component On A Mounting Member	97109845.4	6/17/97	0826992	4/1/98	69731044.2	10/6/04
10960742	05	FR	Granted	Mounting A Planar Optical Component On A Mounting Member	97109845.4	6/17/97	0826992	4/1/98	0826992	10/6/04
10960742	06	GB	Granted	Mounting A Planar Optical Component On A Mounting Member	97109845.4	6/17/97	0826992	4/1/98	0826992	10/6/04
10960754	01	US	Granted	Integrated Controlled Intensity Laser-Based Light Source	08/660230	6/3/96			5771254	6/23/98
10960754	02	JP	Pending	Integrated Controlled Intensity Laser-Based Light Source	PH09-011037	1/24/97	09-219552	8/19/97		
10960994	01	US	Granted	Methods And Apparatus For Electrically Verifying A Functional Unit Contained Within An Integrated Circuit	08/763371	12/13/96			5831991	11/3/98
10960994	02	JP	Pending	Methods And Apparatus For Electrically Verifying A Functional Unit Contained Within An Integrated Circuit	PH09-341304	12/11/97				
10960996	01	US	Granted	Compact, Low Crosstalk, Three-Port Optical Circulator	08/805001	2/25/97			6026202	2/15/00
10960996	02	JP	Granted	Compact, Low Crosstalk, Three-Port Optical Circulator	PH10-036926	2/19/98			P3130499	11/17/00
10960996	04	JP	Granted	Three Ports Optical Circulator And Method For Manufacturing The Same	PH11-272855	2/19/98	2000-08159	3/21/00	P3232290	9/14/01
10960996	05	FR	Granted	Compact, Low Crosstalk, Three-Port Optical Circulator	98100912.9	1/20/98	0860731	8/26/98	0860731	1/15/03
10960996	06	DE	Granted	Compact, Low Crosstalk, Three-Port Optical Circulator	98100912.9	1/20/98	0860731	8/26/98	0860731	1/15/03
10960996	07	GB	Granted	Compact, Low Crosstalk, Three-Port Optical Circulator	98100912.9	1/20/98	0860731	8/26/98	0860731	1/15/03
10961076	01	US	Granted	Electroluminescent Device And Fabrication Method For A Light Detection System	08/833815	4/9/97			5872355	2/16/99
10961076	02	JP	Granted	Electroluminescent Device And Fabrication Method For A Light Detection System	PH10-093725	4/6/98			P3158148	2/16/01
10961076	04	DE	Granted	Electroluminescent Device And Fabrication Method For A Light Detection System	97120022.5	11/14/97	0871320	10/6/99	69727467.5	2/4/04
10961076	05	FR	Granted	Electroluminescent Device And Fabrication Method For A Light Detection System	97120022.5	11/14/97	0871320	10/6/99	0871320	2/4/04
10961076	06	GB	Granted	Electroluminescent Device And Fabrication Method For A Light Detection System	97120022.5	11/14/97	0871320	10/6/99	0871320	2/4/04
10961102	01	US	Granted	Polarization Based Differential Receiver For Reduction Of Background In Free-Space Optical Links	09/075308	5/8/98			6330092	12/11/01
10961102	02	JP	Pending	Polarization Based Differential Receiver For Reduction Of Background In Free-Space Optical Links	PH11-112901	4/20/99				
10961102	03	EP	Pending	Polarization Based Differential Receiver For Reduction Of Background In Free-Space Optical Links	98122692.1	11/30/98				
10961168	01	US	Granted	Analog Pixel Drive Circuit For An Electro-Optical Material-Based Display Device	09/070669	4/30/98			6249269	6/19/01
10961168	02	JP	Granted	Analog Pixel Drive Circuit For An Electro-Optical Material-Based Display Device	PH11-119997	4/27/99			P3155251	2/2/01
10961168	03	EP	Published	Analog Pixel Drive Circuit For An Electro Optical Material Based Display Device	98122978.4	12/3/98	0953960	11/3/99		
10961191	01	US	Granted	Multiple VSEL Assembly For Read-Write And Tracking Applications In Optical Disks	08/808950	2/19/97			5894467	4/13/99
10961191	02	JP	Pending	Multiple VSEL Assembly For Read/Write And Tracking Applications In Optical Disks	PH10-034605	2/17/98				
10961191	05	DE	Granted	Multiple VSEL Assembly For Read/Write And Tracking Applications In Optical Disks	98100754.5	1/16/98	0860817	4/26/98	69816501.2	7/23/03
10961191	06	GB	Granted	Multiple VSEL Assembly For Read/Write And Tracking Applications In Optical Disks	98100754.5	1/16/98	0860817	4/26/98	0860817	7/23/03

10961191	07	FR	Granted	Multiple VSEL Assembly For Read/Write And Tracking Applications In Optical Disks	98100754.5	1/16/98	0860817	4/26/98	0860817	7/23/03
10961222	01	US	Granted	Dynamically Size Configurable Data Buffer For Data Cache And Prefetch Cache Memory	09/292273	4/15/99			6314494	11/6/01
10961223	01	US	Granted	A Micro-Photonics Module With A Partition Wall	08/897801	7/21/97			5937114	8/10/99
10961223	02	JP	Pending	A Micro-Photonics Module With A Partition Wall	PH10-219588	7/17/98				
10961223	03	EP	Published	A Micro-Photonics Module With A Partition Wall	98305697.9	7/16/98	0893720	7/19/00		
10961259	01	US	Granted	Distributed Capacitance Estimations Of Interconnects Within Integrated Circuits	08/831443	3/31/97			5923568	7/13/99
10961260	03	US	Granted	Local Oxidation Of A Sidewall Sealed Shallow Trench For Providing Isolation Between Devices Of A Substrate	09/217740	12/21/98			6765280	7/20/04
10961287	01	US	Granted	Low Cost Optical Circulator Array Based On TEC Fiber Array	08/915525	8/15/97			5930418	7/27/99
10961287	02	JP	Pending	Optical Assembly And Method Based On TEC Fibers	PH10-232297	8/4/98				
10961287	04	AU	Granted	Optical Assembly And Method Based On TEC Fibers	69956.98	6/5/98	743545	1/31/02	743545	5/16/02
10961287	05	DE	Granted	Optical Assembly And Method Based On TEC Fibers	98109846.0	5/29/98	0898185	4/25/01	69807298.7	8/21/02
10961287	06	GB	Granted	Optical Assembly And Method Based On TEC Fibers	98109846.0	5/29/98	0898185	4/25/01	0898185	8/21/02
10961291	01	US	Granted	Destructive Read Sense-Amp	0515073	1/17/97			5770953	6/23/98
10961291	02	JP	Pending	Destructive Read Sense-Amp	PH10-002120	1/8/98				
10961325	01	JP	Pending	P-Contact For A Group III-Nitride Semiconductor Device And Method For Making Same	PH09-030204	2/14/97	10-233529	9/2/98		
10961325	02	US	Granted	P-Contact For A Group III-Nitride Semiconductor Device And Method For Making Same	09/021053	2/9/98			6239490	5/29/01
10961357	01	US	Granted	Electroluminescent Display And Method For Making The Same	08/874693	6/13/97			5972419	10/26/99
10961357	02	JP	Pending	Electroluminescent Display And Method For Making The Same	PH10-175409	6/8/98				
10961357	03	US	Granted	Electroluminescent Display And Method For Making The Same	09/387205	8/31/99			6087771	7/11/00
10970010	01	US	Granted	A Method Of Improving The Quality And Efficiency Of IDDQ Testing	08/841175	4/29/97			5914615	6/22/99
10970042	01	US	Granted	Electro-Optical Material-Based Display Device Having Analog Pixel Drivers	09/070487	4/30/98			6329974	12/11/01
10970042	02	JP	Granted	Electro-Optical Material-Based Display Device Having Analog Pixel Drivers	PH11-119998	4/27/99			P3375909	11/29/02
10970042	03	EP	Published	Electro-Optical Material-Based Display Device Having Analog Pixel Drivers	98122934.7	12/3/98	0953959	10/18/00		
10970042	04	US	Granted	Electro-Optical Material-Based Grey Scale Generating Method	09/948732	9/7/01	0021267	2/21/02	6795064	9/21/04
10970042	05	EP	Published	Electro-Optical Material-Based Display Device Having Analog Pixel Drivers	02012643.9	6/6/02	1249824	10/23/02		
10970042	06	EP	Published	Electro-Optical Material-Based Display Device Having Analog Pixel Drivers	02012644.7	6/6/02	1249825	11/6/02		
10970042	07	EP	Published	Electro-Optical Material-Based Display Device Having Analog Pixel Drivers	02012642.1	6/6/02	1255242	11/6/02		
10970084	01	US	Granted	Absolute Position Detection Within 1 Revolution Using 3-Channel Incremental Encoders With High Resolution Index Track	08/866033	5/30/97			5939712	8/17/99
10970084	04	US	Granted	Absolute Position Detection Within 1 Revolution Using 3-Channel Incremental Encoders With High Resolution Index Track	09/074990	5/8/98			5998784	12/7/99
10970084	06	DE	Granted	Absolute Position Detection Within 1 Revolution Using 3-Channel Incremental Encoders With High Resolution Index Track	97121687.4	12/9/97	0881469	12/2/98	69720970	4/16/03
10970084	08	GB	Granted	Absolute Position Detection Within 1 Revolution Using 3-Channel Incremental Encoders With High Resolution Index Track	97121687.4	12/9/97	0881469	12/2/98	0881469	4/16/03
10970114	01	US	Granted	A Method For Detecting And Locating Open-Circuit Defects Within Digital CMOS Integrated Circuits	08/821834	3/21/97			5963046	10/5/99
10970131	01	US	Granted	Light Source For Projection Display	08/882243	6/25/97			5971545	10/26/99
10970131	02	JP	Pending	Light Source For Projection Display	PH10-186900	6/17/98				
10970131	04	TW	Granted	Light Source For Projection Display	87101696	2/9/98	373404	11/1/99	108945	10/3/00
10970131	05	KR	Pending	Light Source For Projection Display	98.23062	6/19/98				
10970131	06	CN	Granted	Light Source For Projection Display	98115525.1	6/25/98	1224169	7/28/99	98115525.1	1/21/04
10970131	07	SG	Granted	Light Source For Projection Display	9800253.8	2/5/98	0069268	12/21/99	69268	3/20/01
10970131	09	IN	Pending	Light Source For Projection Display	284CAL98	2/18/98				

10970131	10	DE	Granted	Light Source For Projection Display	98102382.3	2/11/98	0888016	12/30/98	69808184.6	9/25/02
10970131	12	GB	Granted	Light Source For Projection Display	98102382.3	2/11/98	0888016	12/30/98	0888016	9/25/02
10970132	01	US	Granted	Improved Micro-Photonics Module Integrated On A Single Substrate	08/886347	7/1/97			5930429	7/27/99
10970132	03	JP	Pending	Improved Micro-Photonic Module Integrated On A Single Substrate	PH11-507255	6/25/98	2002-51040	4/2/02		
10970132	05	DE	Granted	Improved Micro-Photonic Module Integrated On A Single Substrate	98931665.8	6/25/98	0993621	4/19/00	69819502.7	11/5/03
10970132	06	FR	Granted	Improved Micro-Photonic Module Integrated On A Single Substrate	98931665.8	6/25/98	0993621	4/19/00	0993621	11/5/03
10970132	07	GB	Granted	Improved Micro-Photonic Module Integrated On A Single Substrate	98931665.8	6/25/98	0993621	4/19/00	0993621	11/5/03
10970138	01	US	Granted	High-Security Machine-Readable Holographic Card, Apparatus And Method For Reading Same	08/763500	12/11/96			6005691	12/21/99
10970138	02	JP	Granted	High-Security Machine-Readable Holographic Card, Apparatus And Method Of Reading Same	PH09-339613	12/10/97			P3286230	3/8/02
10970168	01	US	Granted	Method And System For Determining Statistically Based Worst-Case On-Chip Interconnect Delay And Crosstalk	08/949048	10/10/97			6018623	1/25/00
10970207	01	US	Granted	Ball Grid Array Integrated Circuit Package Which Employs A Flip Chip Integrated Circuit And Decoupling Capacitors	08/915969	8/21/97			5798567	8/25/98
10970211	01	US	Granted	Near-Planar Native-Oxide VCSEL Devices And Arrays Using Converging Oxide Ringlets	08/911708	8/15/97			5896408	4/20/99
10970211	04	KR	Pending	Near-Planar Native Oxide VCSEL Devices And Arrays With Converging Oxide Ringlets	98.32714	8/12/98				
10970219	01	US	Granted	Testable Low Inductance Integrated Circuit Package	08/961521	10/30/97			6034426	3/7/00
10970240	01	US	Granted	Method And Apparatus For Self-Timing Associative Data Memory	08/920395	8/29/97			5978885	11/2/99
10970246	04	GB	Granted	Cell-Based Image Sensor	9922088.1	9/17/99	2344245	5/31/00	2344245	4/11/01
10970273	01	US	Granted	Differential CMOS Logic Family	08/914195	8/19/97			6008670	12/28/99
10970273	03	FR	Granted	Differential CMOS Logic Family	98105542.9	3/26/98	0898370	2/24/99	0898370	11/28/01
10970273	04	DE	Granted	Differential CMOS Logic Family	98105542.9	3/26/98	0898370	2/24/99	69802631.4	11/28/01
10970273	05	GB	Granted	Differential CMOS Logic Family	98105542.9	3/26/98	0898370	2/24/99	0898370	11/28/01
10970314	01	US	Granted	Method For Fabricating Semiconductor Devices With Thick High Quality Oxides	08/968149	11/12/97			6165914	12/26/00
10970317	01	US	Granted	Polarization Controlled VCSELS Using Externally Applied Uniaxial Stress	08/993006	12/18/97			6188711	2/13/01
10970317	02	JP	Pending	Polarization Controlled VCSELS Using Externally Applied Uniaxial Stress	PH10-345734	12/4/98				
10970317	04	GB	Granted	Polarization-Controlled VCSELS Using Externally Applied Uniaxial Stress	98118381.7	9/29/98	0924820	7/14/99	0924820	5/29/02
10970317	05	DE	Granted	Polarization-Controlled VCSELS Using Externally Applied Uniaxial Stress	98118381.7	9/29/98	0924820	7/14/99	69805597.7	5/29/02
10970350	01	US	Granted	Means For Virtual Deskewing Of High/Intermediate/Low DUT Data	08/855976	5/14/97			5982827	11/9/99
10970350	03	DE	Granted	Means For Virtual Deskewing Of High/Intermediate/Low DUT Data	98303551.0	5/6/98	0878763	11/18/98	69803002.8	12/19/01
10970350	04	FR	Granted	Means For Virtual Deskewing Of High/Intermediate/Low DUT Data	98303551.0	5/6/98	0878763	11/18/98	0878763	12/19/01
10970350	05	GB	Granted	Means For Virtual Deskewing Of High/Intermediate/Low DUT Data	98303551.0	5/6/98	0878763	11/18/98	0878763	12/19/01
10970383	01	US	Granted	Apparatus And Method For Precise Alignment Of A Ceramic Module To A Test Apparatus	08/898327	7/22/97			5920200	7/6/99
10970395	01	US	Granted	Wavelength Tracking In Adjustable Optical Systems	09/006854	1/14/98			5982791	11/9/99
10970395	02	JP	Pending	Wavelength Tracking In Adjustable Optical Systems	PH11-008374	1/14/99				
10970395	04	DE	Granted	Wavelength Tracking In Adjustable Optical Systems	98118663.8	10/2/98	0930741	6/13/01	69826104.6	9/8/04
10970395	05	FR	Granted	Wavelength Tracking In Adjustable Optical Systems	98118663.8	10/2/98	0930741	6/13/01	0930741	9/8/04
10970395	06	GB	Granted	Wavelength Tracking In Adjustable Optical Systems	98118663.8	10/2/98	0930741	6/13/01	0930741	9/8/04
10970456	01	US	Granted	Mesa-Structure Avalanche Photodiode Having A Buried Epitaxial Junction	08/831843	4/1/97			5866936	2/2/99
10970456	02	JP	Pending	Mesa-Structure Avalanche Photodiode Having A Buried Epitaxial Junction	PH10-081624	3/27/98				
10970456	04	DE	Granted	Mesa-Structure Avalanche Photodiode Having A Buried Epitaxial Junction	98103617.1	3/2/98	0869561	10/7/98	69802739.6	12/5/01
10970456	05	FR	Granted	Mesa-Structure Avalanche Photodiode Having A Buried Epitaxial Junction	98103617.1	3/2/98	0869561	10/7/98	0869561	12/5/01

10970456	06	GB	Granted	Mesa-Structure Avalanche Photodiode Having A Buried Epitaxial Junction	98103617.1	3/2/98	0869561	10/7/98	0869561	12/5/01
10970462	01	US	Granted	A Self-Calibrating Electronic Programmable Delay Line Utilizing An Interpolation Algorithm	08/906545	8/5/97			5900762	5/4/99
10970463	01	US	Granted	A Frame-Accurate Video Capturing System And Method	09/079137	5/14/98			6289163	9/11/01
10970464	02	JP	Pending	Motion Detection By Sub-Framing Sampled Image Frames	PH11-001586	1/7/99				
10970464	03	EP	Published	Motion Detection By Sub-Framing Sampled Image Frames	99300152.8	1/8/99	0929194	8/4/99		
10970464	05	US	Pending	Motion Detection By Sub-Framing Sampled Image Frames	09/004935	8/16/01				
10970465	01	US	Granted	Optical Assembly And Method For High Performance Coupling	08/923014	9/3/97			6011649	1/4/00
10970465	02	JP	Pending	Optical Assembly And Method For High Performance Coupling	PH10-264007	9/2/98				
10970465	04	DE	Granted	Optical Assembly And Method For High Performance Coupling	69808713.5	7/9/98	0903611	3/24/99	0903611	10/16/02
10970465	06	GB	Granted	Optical Assembly And Method For High Performance Coupling	98112736.8	7/9/98	0903611	3/24/99	0903611	10/16/02
10970466	01	US	Granted	Split Optical Element And A Low Cost Fabrication Approach	08/975615	11/21/97			6043933	3/28/00
10970466	02	JP	Pending	A Split Optical Element And A Low Cost Fabrication Approach	PH10-331017	11/20/98				
10970466	05	DE	Granted	A Split Optical Element And A Low Cost Fabrication Approach	98112900.0	7/10/98	0918246	5/26/99	69828369.4	12/29/04
10970466	06	FR	Granted	A Split Optical Element And A Low Cost Fabrication Approach	98112900.0	7/10/98	0918246	5/26/99	0918246	12/29/04
10970466	07	GB	Granted	A Split Optical Element And A Low Cost Fabrication Approach	98112900.0	7/10/98	0918246	5/26/99	0918246	12/29/04
10970470	01	US	Granted	An Asynchronous Phase Detector Having A Variable Dead Zone	08/964850	11/5/97			5920207	7/6/99
10970480	01	US	Granted	A Reflective Display Utilizing Fresnel Micro-Reflectors	08/976099	11/21/97			5995071	11/30/99
10970480	03	JP	Pending	Offcenter Diffractive Micro Lenses On The Pixels Of A Reflective Display To Allow Off-Axis, Spatially Separate, Red-Green-Blue Illumination To Emerge As White, On-Axis, Diffuse Beams For Imaging	P2000-522489	11/12/98				
10970480	04	EP	Published	Reflective Display Utilizing Fresnel Micro-Reflectors	98959425.4	11/12/98	1031058	8/30/00		
10970501	01	US	Granted	A Ring Architecture For Quad Port Bypass Circuits	08/867319	6/2/97			6055225	4/25/00
10970501	04	GB	Granted	Ring Architecture For Quad Port Bypass Circuits	9810875.6	5/20/98	2327323	1/20/99	2327323	2/20/02
10970525	01	US	Granted	Salient Integration Mode Active Pixel Sensor	08/984457	12/3/97			5952686	9/14/99
10970525	02	JP	Pending	Salient Integration Mode Active Pixel Sensor	PH10-358471	12/2/98				
10970525	03	DE	Granted	Salient Integration Mode Active Pixel Sensor	19832791.9	7/21/98	19832791	6/17/99	19832791	9/29/05
10970525	04	GB	Granted	Salient Integration Mode Active Pixel Sensor	9825855.1	11/25/98	2332049	6/9/99	2332049	11/25/98
10970556	01	US	Granted	Static Ram Circuit For Defect Analysis	09/070820	4/30/98			6081465	6/27/00
10970556	02	JP	Pending	Static Ram Circuit For Defect Analysis	PH11-113084	4/21/99				
10970556	03	EP	Published	Static Ram Circuit For Defect Analysis	99303428.9	4/29/99	0953989	11/14/01		
10970591	01	US	Granted	System For Clock And Data Recovery For Multi-Channel Parallel Data Streams	09/342297	6/29/99			6526112	2/25/03
10970591	02	JP	Pending	System For Clock And Data Recovery For Multi-Channel Parallel Data Streams	P2000-193356	6/27/00				
10970664	01	US	Granted	An Oversampling Rotational Frequency Detector	08/885368	7/1/97			6055286	4/25/00
10970664	02	JP	Granted	Oversampling Rotational Frequency Detector	PH10-196525	6/26/98			P3041686	3/10/00
10970664	03	DE	Granted	Oversampling Rotational Frequency Detector	19816124.7	4/9/98	19816124	1/7/99	19816124	5/28/03
10970664	04	GB	Granted	Oversampling Rotational Frequency Detector	9812928.1	6/15/98	2331646	5/26/99	2331646	8/29/01
10970664	05	GB	Granted	Frequency Detector	0113893.2	6/15/98	2360409	9/19/01	2360409	10/31/01
10970664	06	GB	Granted	Frequency Detector	0113891.6	6/15/98	2360157	9/12/01	2360157	10/24/01
10970664	07	DE	Pending	Oversampling Rotational Frequency Detector	19861243.5	9/6/02				
10970690	01	US	Granted	System For Verifying Signal Voltage Level Accuracy On A Digital Testing Device	08/979511	11/26/97			6025708	2/15/00
10970690	02	JP	Pending	System For Verifying Signal Voltage Level Accuracy On A Digital Testing Device	PH10-324877	11/16/98				
10970690	03	EP	Published	System For Verifying Signal Voltage Level Accuracy On A Digital Testing Device	98117373.5	9/14/98	0919822	11/12/03		
10970699	01	US	Granted	An Analog Current Mode Assisted Differential To Single-Ended Read-Out Channel Operable With An Active Pixel Sensor	09/018022	2/2/98			6201572	3/13/01

10970699	02	JP	Pending	An Analog Current Mode Assisted Differential To Single-Ended Read-Out Channel Operable With An Active Pixel Sensor	PH11-016418	1/26/99					
10970699	04	DE	Granted	An Analog Current Mode Assisted Differential To Single-Ended Read-Out Channel Operable With An Active Pixel Sensor	99300352.4	1/19/99	0933928	11/29/00	69924312.2	3/23/05	
10970699	05	FR	Granted	An Analog Current Mode Assisted Differential To Single-Ended Read-Out Channel Operable With An Active Pixel Sensor	99300352.4	1/19/99	0933928	11/29/00	0933928	3/23/05	
10970699	06	GB	Granted	An Analog Current Mode Assisted Differential To Single-Ended Read-Out Channel Operable With An Active Pixel Sensor	99300352.4	1/19/99	0933928	11/29/00	0933928	3/23/05	
10970719	04	KR	Pending	Low Noise Ball Grid Array Package	98.45092	10/27/98					
10970722	01	US	Granted	Multilevel And Beveled-Corner Design-Rule Halos For Computer Aided Design Software	08/962579	10/31/97			6045584	4/4/00	
10970749	01	US	Granted	Method Of Aligning Optical Fibers To A Multi-Port Optical Assembly	09/081877	5/19/98			6118910	9/12/00	
10970749	02	JP	Pending	Method Of Aligning Optical Fibers To A Multi-Port Optical Assembly	PH11-132843	5/13/99					
10970749	04	AU	Granted	Method Of Aligning Optical Fibers To A Multi-Port Optical Assembly	97125.98	12/16/98	740363	11/1/01	740363	11/1/01	
10970762	01	US	Granted	Scanning Mouse For A Computer System	09/070189	4/30/98			5994710	11/30/99	
10970762	02	JP	Pending	Scanning Mouse For A Computer System	PH11-120499	4/27/99					
10970804	01	US	Granted	System For Verifying Signal Timing Accuracy On A Digital Testing Device	08/979529	11/26/97			6192496	2/20/01	
10970804	02	JP	Pending	System For Verifying Signal Timing Accuracy On A Digital Testing Device	PH10-324878	11/16/98					
10970804	03	EP	Pending	System For Verifying Signal Timing Accuracy On A Digital Testing Device	98117376.8	9/14/98	919823	6/2/99			
10970811	01	US	Granted	First-In-First-Out Synchronizer	09/080035	5/15/98			6208703	3/27/01	
10970830	01	US	Granted	Reversible Amplifier For Optical Networks	09/013868	1/27/98			6101026	8/8/00	
10970855	01	US	Granted	A Monolithic Multiple Wavelength VCSEL Array	09/058532	4/10/98			6117699	9/12/00	
10970855	02	JP	Pending	Monolithic Multiple Wavelength VCSEL Array	PH11-098780	4/6/99					
10970855	04	US	Granted	Monolithic Multiple Wavelength VCSEL Array	09/397621	9/16/99			6259121	7/10/01	
10970855	06	DE	Granted	Monolithic Multiple Wavelength VCSEL Array	98120027.2	10/22/98	0949728	10/13/99	69806895.5	7/31/02	
10970855	07	GB	Granted	Monolithic Multiple Wavelength VCSEL Array	98120027.2	10/22/98	0949728	10/13/99	0949728	7/31/02	
10970855	08	FR	Granted	Monolithic Multiple Wavelength VCSEL Array	98120027.2	10/22/98	0949728	10/13/99	0949728	7/31/02	
10970855	09	DE	Granted	Monolithic Multiple Wavelength VCSEL Array	01100233.4	10/22/98	1100168	5/16/01	69811125.7	1/29/03	
10970855	10	FR	Granted	Monolithic Multiple Wavelength VCSEL Array	01100233.4	10/22/98	1100168	5/16/01	1100168	1/29/03	
10970855	11	GB	Granted	Monolithic Multiple Wavelength VCSEL Array	01100233.4	10/22/98	1100168	5/16/01	1100168	1/29/03	
10970902	01	US	Granted	An Optical Device Package Including An Aligned Lens (As Amended)	09/139692	8/25/98			6037641	3/14/00	
10970913	01	US	Granted	Approximating Signal Power And Noise Power In A System	09/038082	3/11/98			6081822	6/27/00	
10970913	03	US	Pending	Approximating Signal Power And Noise Power In A System	09/558302	4/25/00					
10970914	01	US	Granted	Fabrication Of A Total Internal Reflection Optical Switch With Vertical Fluid Fill-Holes	09/025892	2/18/98			6055344	4/25/00	
10970914	02	JP	Pending	Fabrication Of A Total Internal Reflection Optical Switch With Vertical Fluid Fill-Holes	PH11-036926	2/16/99					
10970914	04	US	Granted	Fabrication Of A Total Internal Reflection Optical Switch With Vertical Fluid Fill-Holes	09/549741	4/14/00			6324316	11/27/01	
10970914	05	DE	Granted	Fabrication Of A Total Internal Reflection Optical Switch With Vertical Fluid Fill-Holes	98117267.9	9/11/98	0938013	9/22/99	69804933.0	4/17/02	
10970914	06	GB	Granted	Fabrication Of A Total Internal Reflection Optical Switch With Vertical Fluid Fill-Holes	98117267.9	9/11/98	0938013	9/22/99	0938013	4/17/02	
10970914	07	FR	Granted	Fabrication Of A Total Internal Reflection Optical Switch With Vertical Fluid Fill-Holes	98117267.9	9/11/98	0938013	9/22/99	0938013	4/17/02	
10970966	01	US	Granted	Reduced-Tap Filter In A Demodulator	09/040524	3/16/98			5969570	10/19/99	
10970967	01	US	Granted	A Register Pixel For Liquid Crystal Displays	09/030245	2/25/98			6115019	9/5/00	
10970968	01	US	Granted	Controlling An Adaptive Equalizer In A Demodulator	09/038656	3/11/98			6178201	1/23/01	
10970968	02	US	Granted	Controlling An Adaptive Equalizer In A Demodulator	09/698990	10/27/00			6859492	2/22/05	
10970969	01	US	Granted	An Adjustable Gain Active Pixel Sensor	08/962628	11/3/97			6246436	6/12/01	
10970969	02	JP	Pending	An Adjustable Gain Active Pixel Sensor	PH10-311750	11/2/98					
10970969	03	DE	Granted	An Adjustable Gain Active Pixel Sensor	19836356.7	8/11/98	19836356	5/12/99	1836356	2/22/01	
10970969	04	GB	Granted	An Adjustable Gain Active Pixel Sensor	9823626.8	10/28/98	2330905	5/5/99	2330905	10/28/98	
10970970	01	US	Granted	Multi-Port Optical Isolator	09/100200	6/18/98			6075642	6/13/00	
10970970	02	JP	Pending	Multi-Port Optical Isolator	PH11-163751	6/10/99					
10970970	04	AU	Granted	Multi-Port Optical Isolator	21282.99	3/18/99	750427	1/6/00	750427	10/31/02	
10970971	01	US	Granted	A Switching Element Having An Expanding Waveguide Core	09/018772	2/4/98			5960131	9/28/99	

10970971	02	JP	Pending	A Switching Element Having An Expanding Waveguide Core	PH11-025232	2/2/99					
10970971	04	DE	Granted	A Switching Element Having An Expanding Waveguide Core	98117189.5	9/10/98	0935149	9/22/99	69814330.2	5/7/03	
10970971	05	FR	Granted	A Switching Element Having An Expanding Waveguide Core	98117189.5	9/10/98	0935149	9/22/99	0935149	5/7/03	
10970971	06	GB	Granted	A Switching Element Having An Expanding Waveguide Core	98117189.5	9/10/98	0935149	9/22/99	0935149	5/7/03	
10970982	01	US	Granted	A CMOS Active Pixel With Memory For Imaging Sensors	09/057429	4/8/98			6552745	4/22/03	
10970982	02	JP	Pending	A CMOS Active Pixel With Memory For Imaging Sensors	PH11-100357	4/7/99					
10970982	03	DE	Pending	A CMOS Active Pixel With Memory For Imaging Sensors	19857838.5	12/15/98					
10970982	04	GB	Granted	A CMOS Active Pixel With Memory For Imaging Sensors	9907847.9	4/6/99	2336497	10/20/99	2336497	11/13/02	
10970997	01	US	Granted	Apparatus And Method For Manufacturing Integrated Circuit Devices	09/034967	3/4/98			6136614	10/24/00	
10970997	02	JP	Pending	Apparatus And Method For Manufacturing Integrated Circuit Devices	PH11-055603	3/3/99					
10970997	03	US	Granted	Apparatus And Method For Manufacturing Integrated Circuit Devices	09/643389	8/22/00			6819968	11/16/04	
10970999	01	US	Granted	An Elevated Pin Diode Active Pixel Sensor Which Includes A Patterned Doped Semiconductor Electrode	09/174717	10/19/98			6114739	9/5/00	
10971017	01	US	Granted	Apparatus And Method For Testing Integrated Circuit Devices	09/033947	3/2/98			6285200	9/4/01	
10971017	02	JP	Pending	Apparatus And Method For Testing Integrated Circuit Devices	PH11-028217	2/5/99					
10971017	03	DE	Pending	Apparatus And Method For Testing Integrated Circuit Devices	19854697.1	11/26/98					
10971017	04	US	Granted	Method For Testing Integrated Circuit Devices	09/814497	3/21/01	0019275	9/6/01	6392423	5/21/02	
10971059	01	US	Granted	N-Drive Or P-Drive Top Emitting VCSEL Array	09/020724	2/9/98			6069908	5/30/00	
10971059	02	JP	Pending	N-Drive Of P-Drive VCSEL Array	PH11-017033	1/26/99					
10971059	04	DE	Granted	N-Drive Or P-Drive VCSEL Array	98117185.3	9/10/98	0935322	8/11/99	0935322	11/16/05	
10971059	05	FR	Granted	N-Drive Or P-Drive VCSEL Array	98117185.3	9/10/98	0935322	8/11/99	0935322	11/16/05	
10971059	06	GB	Granted	N-Drive Or P-Drive VCSEL Array	98117185.3	9/10/98	0935322	8/11/99	0935322	11/16/05	
10971120	01	US	Granted	Integrated Micro-Display System	09/099918	6/18/98			6246386	6/12/01	
10971120	02	JP	Pending	Integrated Micro-Display System	PH11-162062	6/9/99					
10971120	03	EP	Published	Integrated Micro-Display System	99303834.8	5/17/99	0965976	12/22/99			
10971410	01	US	Granted	Interpolation Method And Circuits	09/378191	8/20/99			6355927	3/12/02	
10971413	01	US	Granted	Coupler Utilizing A Diffractive Optical Element For Coupling Light To An Optical Waveguide	10/196502	7/15/02	0008936	1/15/04	6748139	6/8/04	
10971437	01	US	Granted	Parallel Automatic Synchronization System	09/343312	6/30/99			6700942	3/2/04	
10971517	01	US	Granted	A Controller For An Environmental Test Chamber	09/039892	3/16/98			6023985	2/15/00	
10971552	01	US	Granted	Optical Subassembly For Use In Fiber Optic Data Transmission And Reception	09/138827	8/24/98			6203212	3/20/01	
10971552	02	JP	Pending	Optical Subassembly For Use In Fiber Optic Data Transmission And Reception	PH11-225008	8/9/99					
10971552	04	DE	Granted	Optical Subassembly For Use In Fiber Optic Data Transmission And Reception	99112850.5	7/2/99	0982610	1/2/03	69923894.3	3/2/05	
10971552	05	FR	Granted	Optical Subassembly For Use In Fiber Optic Data Transmission And Reception	99112850.5	7/2/99	0982610	1/2/03	0982610	3/2/05	
10971552	06	GB	Granted	Optical Subassembly For Use In Fiber Optic Data Transmission And Reception	99112850.5	7/2/99	0982610	1/2/03	0982610	3/2/05	
10971608	01	US	Granted	SBAR Structures And Method Of Fabrication Of SBAR,FBAR Film Processing Techniques For The Manufacturing Of SBAR/FBAR Filters	09/088964	6/2/98			6060818	5/9/00	
10971608	02	JP	Pending	SBAR Structures And Method Of Fabricating Of SBAR,FBAR Film Processing Techniques For The Manufacturing Of SBAR/FBAR Filters	PH11-154956	6/2/99					
10971608	03	EP	Published	SBAR Structures And Method Of Fabrication Of SBAR,FBAR Film Processing Techniques For The Manufacturing Of SBAR/FBAR Filters	99104070.0	3/17/99	0963040	4/5/00			
10971613	01	US	Granted	Navigation System For Handheld Scanner	09/153639	9/15/98			6195475	2/27/01	
10971613	02	JP	Pending	Navigation System For Handheld Scanner	PH11-249539	9/3/99					
10971613	04	DE	Granted	Navigation System For Handheld Scanner	99307023.4	9/3/99	0987873	3/22/00	0987873	4/27/05	
10971613	05	FR	Granted	Navigation System For Handheld Scanner	99307023.4	9/3/99	0987873	3/22/00	0987873	4/27/05	
10971613	06	GB	Granted	Navigation System For Handheld Scanner	99307023.4	9/3/99	0987873	3/22/00	0987873	4/27/05	

10971618	01	US	Granted	Method For Operating A Data Processing System To Provide An Estimate Of The Leakage Current Expected From An Integrated Circuit (As Amended)	09/174501	10/16/98				6239607	5/29/01
10971636	01	US	Granted	Optical Energy Selector Apparatus And Method	08/976187	11/21/97				6014480	1/11/00
10971679	01	US	Granted	Low Power Output Block For Large Rom	09/063423	4/20/98				5894431	4/13/99
10971688	01	US	Granted	Selectable Wavelength Channel Filter For Optical WDM Systems	09/014148	1/27/98				6549701	4/15/03
10971688	02	JP	Pending	Selectable Wavelength Channel Filter For Optical WDM Systems	PH10-373096	12/28/98					
10971700	01	US	Granted	Semiconductor Laser Having Co-Doped Distributed Bragg Reflectors	09/144355	8/31/98				6301281	10/9/01
10971700	02	JP	Pending	Semiconductor Laser Having Co-Doped Distributed Bragg Reflectors	PH11-216916	7/30/99					
10971700	03	DE	Granted	Semiconductor Laser Having Co-Doped Distributed Bragg Reflectors	19919382.7	4/28/99	19919382	3/9/00	19919382	11/13/01	
10971700	04	GB	Granted	Semiconductor Laser Having Co-Doped Distributed Bragg Reflectors	9920420.8	8/27/99	2341275	3/8/00	2341275	8/13/03	
10971700	06	KR	Pending	Semiconductor Laser Having Co-Doped Distributed Bragg Reflectors	99.0036243	8/30/99					
10971700	08	DE	Granted	Semiconductor Laser Having Co-Doped Distributed Bragg Reflectors	19964244.3	3/30/01				19964244	5/16/02
10971710	02	US	Granted	Organic Low-Dielectric Constant Films Deposited By Plasma Enhanced Chemical Vapor Deposition	09/031865	2/27/98				6083572	7/4/00
10971712	02	US	Granted	Accelerated Interconnect Transmission Via Voltage Clamping Towards Toggle Point	09/178724	10/26/98				6351171	2/26/02
10971713	01	US	Granted	Method For Relieving Lattice Mismatch Stress In Semiconductor Devices	09/221025	12/23/98				6211095	4/3/01
10971713	02	JP	Pending	Method For Relieving Mismatch Stress In Semiconductor Devices	PH11-361002	12/20/99					
10971713	03	EP	Published	Method For Relieving Lattice Mismatch Stress In Semiconductor Devices	99116629.9	8/25/99	1014430	6/28/00			
10971713	04	US	Granted	Integrated Circuit Substrate That Accommodates Lattice Mismatch Stress	09/774199	1/29/01				6429466	8/6/02
10971714	01	US	Granted	Photolithographic Processing For Polymer LEDs With Reactive Metal Cathodes	09/084607	5/26/98				6171765	1/9/01
10971714	02	JP	Pending	Photolithographic Processing For Polymer LEDs With Reactive Metal Cathodes	PH11-144389	5/25/99					
10971714	03	EP	Published	Photolithographic Processing For Polymer LEDs With Reactive Metal Cathodes	98122688.9	11/30/98	0961172	12/1/99			
10971723	01	US	Granted	Spatial Filter For Surface Texture Navigation	09/053294	4/1/98				6049338	4/11/00
10971723	02	JP	Pending	Spatial Filter For Surface Texture Navigation	PH11-093400	3/31/99					
10971724	01	US	Granted	Current Limiting Receiver With Impedance/Load Matching For A Powered Down Receiver Chip	09/036035	3/6/98				6094089	7/25/00
10971724	02	JP	Pending	Current Limiting Receiver With Impedance/Load Matching For A Powered Down Receiver Chip	PH11-041608	2/19/99					
10971724	03	EP	Published	Current Limiting Receiver With Impedance/Load Matching For A Powered Down Receiver Chip	99301612.0	3/3/99	0940920	4/19/00			
10971735	01	US	Granted	Method And Apparatus For Testing Photo-Receiver Arrays And Associated Read Channels	09/152091	9/11/98				6188057	2/13/01
10971735	02	DE	Granted	Method And Apparatus For Testing Photo-Receiver Arrays And Associated Read Channels	19926129.6	6/8/99	19926129	4/20/00	19926129	10/13/05	
10971739	01	US	Granted	Method To Enhance The Speed And Improve The Integral Non-Linearity Matching Of Multiple Parallel Connected Resistor String Based Digital-To-Analog Converters	09/033548	3/2/98				6037889	3/14/00
10971739	02	JP	Pending	Method To Enhance The Speed And Improve The Integral Non-Linearity Matching Of Multiple Parallel Connected Resistor String Based Digital-To-Analog Converters	PH11-053705	3/2/99					
10971739	03	DE	Granted	Method To Enhance The Speed And Improve The Integral Non-Linearity Matching Of Multiple Parallel Connected Resistor String Based Digital-To-Analog Converters	19854652.1	11/26/98				19854652	1/2/03
10971741	01	US	Granted	Electronic Shutter For A Low-Differential Light Level Photo-Receiver Cell	09/024092	2/17/98				6104020	8/15/00
10971741	02	JP	Pending	Electronic Shutter For A Low Differential Light Level Photo Receiver Cell	PH11-035430	2/15/99					
10971741	03	DE	Granted	Electronic Shutter For A Low Differential Light Level Photo Receiver Cell	19842010.2	9/14/98	19842010	9/9/99	19842010	2/8/01	
10971759	01	US	Granted	Epitaxial Facet Formation For Laser Diodes Based On III-V Material Systems	09/140976	8/27/98				6240115	5/29/01

10971759	02	JP	Pending	Epitaxial Facet Formation For Laser Diodes Based On II-V Material Systems	PH11-216917	7/30/99					
10971759	04	DE	Granted	Epitaxial Facet Formation For Laser Diodes Based On III-V Material Systems	99112852.1	7/2/99	0982819	3/1/00	69925547.3	6/1/05	
10971759	05	FR	Granted	Epitaxial Facet Formation For Laser Diodes Based On III-V Material Systems	99112852.1	7/2/99	0982819	3/1/00	0982819	6/1/05	
10971762	01	US	Granted	Method For Protecting Mixed Signal Chips From Electrostatic Discharge	09/033034	3/2/98			5926353	7/20/99	
10971762	03	DE	Granted	Method For Protecting Mixed Signal Chips From Electrostatic Discharge	19852453.6	11/13/98	19852453	9/9/99	19852453	8/12/04	
10971764	01	US	Granted	Low Latency Correlation	09/052852	3/31/98			6097851	8/1/00	
10971764	02	JP	Pending	Low Latency Correlation	PH11-064824	3/11/99					
10971764	03	US	Granted	Low Latency Correlation	09/590500	6/9/00			6373994	4/16/02	
10971765	01	US	Granted	Solid State Based Illumination Source For A Projection Display	09/239571	1/29/99			6325524	12/4/01	
10971765	02	JP	Pending	Solid State Based Illumination Source For A Projection Display	P2000-000220	1/5/00					
10971765	03	EP	Published	Solid State Based Illumination Source For A Projection Display	99116906.1	8/26/99	1024398	8/2/00			
10971768	01	US	Granted	Capacitance Reducing Memory System, Device And Method	08/960940	10/30/97			6011710	1/4/00	
10971799	01	US	Granted	Integrated LAN Controller And Web Server Chip	09/102205	6/22/98			6373841	4/16/02	
10971816	01	US	Granted	High Temperature Flip Chip Joining Flux That Obviates The Cleaning Process	09/057430	4/8/98			6059894	5/9/00	
10971816	02	US	Granted	High Temperature Flip Chip Joining Flux That Obviates The Cleaning Process	09/531547	3/20/00			6417573	7/9/02	
10971834	01	US	Granted	Polarization Mixer Based On Walk-Off Crystal, 1/2 Wave Plate Pairs & TEC Fibers	09/126702	7/30/98			6026203	2/15/00	
10971834	02	JP	Pending	Polarization Mixer Based On Walk-Off Crystals, Half-Wave Plates And TEC Fibers	PH11-215606	7/29/99					
10971834	03	EP	Published	Polarization Mixer Based On Walk-Off Crystals, Half-Wave Plates And Tec Fibers	99104765.5	3/10/99	0996006	8/20/03			
10971834	04	AU	Granted	Polarization Mixer Based On Walk-Off Crystals, Half-Wave Plates And TEC Fibers	21281.99	3/18/99	748150	5/30/02	748150	9/12/02	
10971863	01	US	Granted	High Gain Current Mode Photo-Sensor	09/080996	5/19/98			5969399	10/19/99	
10971863	02	JP	Pending	High Gain Current Mode Photo-Sensor	PH11-132736	5/13/99					
10971863	03	EP	Published	High Gain Current Mode Photo-Sensor	99303245.7	4/27/99	0959502	8/8/01			
10971896	01	US	Granted	A Self-Aligned Infra-red Communications Link	09/561691	5/1/00			6738583	5/18/04	
10971896	02	JP	Pending	A Self-Aligned Infra-red Communications Link	P2001-130528	4/27/01					
10971896	03	EP	Published	A Self-Aligned Infra-Red Communication Link	01101824.9	1/26/01	1152556	1/7/04			
10971912	01	US	Granted	A Programmable Write Driver Circuit For Writing Information To A Magnetic Storage Media	09/114392	7/13/98			6246533	6/12/01	
10971912	02	JP	Pending	Programmable Write Driver Circuit For Writing Information To A Magnetic Storage Media	PH11-187212	7/1/99					
10971912	03	GB	Granted	Programmable Write Driver Circuit For Writing Information To A Magnetic Storage Media	9915830.5	7/6/99	2339628	2/2/00	2339628	1/15/03	
10971912	04	TW	Granted	Programmable Write Driver Circuit For Writing Information To A Magnetic Storage Media	88101994	2/9/99	428369	4/1/01	129900	8/1/01	
10971912	05	KR	Pending	Programmable Write Driver Circuit For Writing Information To A Magnetic Storage Media	99.0028005	7/12/99					
10971912	06	DE	Granted	Programmable Write Driver Circuit For Writing Information To A Magnetic Storage Media	19913130.9	3/23/99	19913130.9	1/20/00	19913130	9/30/04	
10971912	07	GB	Granted	Programmable Write Driver Circuit For Writing Information To A Magnetic Storage Media	0202009.7	1/29/02	2368713	5/8/02	2368713	11/6/02	
10971919	01	US	Granted	Digital Interpolating System And Method	09/088855	6/2/98			6163786	12/19/00	
10971919	02	JP	Pending	Digital Interpolating System And Method	PH11-154559	6/2/99					
10971919	03	GB	Granted	Digital Interpolating System And Method	9911460.5	5/17/99	2340972	3/1/00	2340972	3/5/03	
10971919	04	DE	Pending	Digital Interpolating System And Method	19908476.9	2/26/99	19908476	12/9/99			
10971919	05	TW	Granted	Digital Interpolating System And Method	88100833	1/20/99	525085	3/21/03	175625	8/7/03	
10971919	06	KR	Pending	Digital Interpolating System And Method	99.0019371	5/28/99					
10972049	01	US	Granted	Pump Directed Optical Switching Element	09/076692	5/12/98			5991476	11/23/99	
10972049	02	JP	Pending	Pump Directed Optical Switching Element	PH11-130860	5/12/99					
10972049	04	DE	Granted	Pump Directed Optical Switching Element	98122691.3	11/30/98	0957544	11/17/99	69824551.2	6/16/04	
10972049	05	FR	Granted	Pump Directed Optical Switching Element	98122691.3	11/30/98	0957544	11/17/99	0957544	6/16/04	
10972049	06	GB	Granted	Pump Directed Optical Switching Element	98122691.3	11/30/98	0957544	11/17/99	0957544	6/16/04	
10972069	01	US	Granted	Forced Conformance Design-Rule Halos For Computer Aided Design Software	08/961672	10/31/97			6077307	6/20/00	
10972070	01	US	Granted	Adjustable And Snap Back Design-Rule Halos For Computer Aided Design Software	08/961973	10/31/97			5974243	10/26/99	
10972079	01	US	Granted	A Method For Fabricating Pixelated Polymer Organic Light Emitting Devices	09/059608	4/13/98			6111356	8/29/00	

10972079	02	JP	Pending	A Method For Fabricating Pixelated Polymer Organic Light Emitting Devices	PH11-105347	4/13/99					
10972079	04	DE	Granted	A Method For Fabricating Pixelated Polymer Organic Light Emitting Devices	98120666.7	11/4/98	0951073	3/14/01	69829643.5	4/6/05	
10972079	05	GB	Granted	A Method For Fabricating Pixelated Polymer Organic Light Emitting Devices	98120666.7	11/4/98	0951073	3/14/01	0951073	4/6/05	
10980004	02	JP	Pending	Folded Optical System Adapted For Head-Mounted Displays	P2000-318384	10/18/00					
10980004	04	US	Granted	Folded Optical System Adapted For Head-Mounted Displays	09/428133	10/26/99			6400493	6/4/02	
10980005	01	US	Granted	Folded Optical System Having Improved Image Isolation	09/209572	12/11/98			6271969	8/7/01	
10980005	02	JP	Pending	Folded Optical System Having Improved Image Isolation	PH11-350926	12/10/99					
10980005	04	DE	Granted	Folded Optical System Having Improved Image Isolation	99116395.7	8/20/99	1008886	6/14/00	69923152.3	1/12/05	
10980005	05	FR	Granted	Folded Optical System Having Improved Image Isolation	99116395.7	8/20/99	1008886	6/14/00	1008886	1/12/05	
10980005	06	GB	Granted	Folded Optical System Having Improved Image Isolation	99116395.7	8/20/99	1008886	6/14/00	1008886	1/12/05	
10980006	01	US	Granted	Polarization-Dependent Imaging Element	09/428124	10/26/99			6324002	11/27/01	
10980006	02	JP	Pending	Polarization-Dependent Imaging Element	P2000-307861	10/6/00					
10980007	02	JP	Pending	Thin Illuminator For Reflective Displays	PH11-225009	8/9/99					
10980007	04	US	Granted	Thin Illuminator For Reflective Displays	09/139962	8/25/98			6295039	9/25/01	
10980007	05	DE	Granted	Thin Illuminator For Reflective Displays	99112851.3	7/2/99	0982705	10/11/00	69923393.3-08	2/26/05	
10980007	06	FR	Granted	Thin Illuminator For Reflective Displays	99112851.3	7/2/99	0982705	10/11/00	0982705	2/26/05	
10980007	07	GB	Granted	Thin Illuminator For Reflective Displays	99112851.3	7/2/99	0982705	10/11/00	0982705	2/26/05	
10980017	01	US	Granted	Enhanced CIMT Coding System And Method With Automatic Word Alignment For Simplex Operation	09/364481	7/30/99			6192093	2/20/01	
10980017	02	JP	Pending	Enhanced CIMT Coding System And Method With Automatic Word Alignment For Simplex Operation	P2000-224124	7/25/00					
10980017	03	DE	Granted	Enhanced CIMT Coding System And Method With Automatic Word Alignment For Simplex Operation	10033143.2	7/7/00	10033143	2/8/01	10033143	11/3/05	
10980017	04	GB	Granted	Enhanced CIMT Coding System And Method With Automatic Word Alignment For Simplex Operation	0017627.1	7/18/00	2355376	4/18/01	2355376	3/17/04	
10980047	01	JP	Pending	Light Emitting Devices	PH10-108760	4/3/98					
10980066	01	US	Granted	A Magneto-Resistive Head Read Amplifier	09/110219	7/6/98			6331921	12/18/01	
10980066	02	JP	Pending	Magneto-Resistive Head Read Amplifier	PH11-179964	6/25/99					
10980066	03	GB	Granted	Magneto-Resistive Head Read Amplifier	9914194.7	6/17/99	2339324	9/8/99	2339324	9/18/02	
10980066	04	TW	Granted	Magneto-Resistive Head Read Amplifier	88101997	2/2/99	417100	1/1/01	126121	5/18/01	
10980066	05	KR	Pending	Magneto-Resistive Head Read Amplifier	99.0026479	7/2/99					
10980066	06	DE	Granted	Magneto-Resistive Head Read Amplifier	19919945.0	4/30/99	19919945	3/9/00	19919945	7/14/05	
10980100	01	US	Granted	Multi-Port Optical Circulator Utilizing Imaging Lens And Correction Optical Element	09/100666	6/18/98			6014244	1/11/00	
10980100	02	JP	Pending	Multi-Port Optical Circulator Utilizing Imaging Lens And Correction Optical Element	PH11-171883	6/18/99					
10980100	04	AU	Granted	Multi-Port Optical Circulator Utilizing Imaging Lens And Correction Optical Elements	35101/99	6/17/99			746096	8/1/02	
10980100	05	DE	Granted	Multi-Port Optical Circulator Utilizing Imaging Lens And Correction Optical Elements	99110182.5	5/26/99	0965867	12/22/99	0965867	10/12/05	
10980100	06	FR	Granted	Multi-Port Optical Circulator Utilizing Imaging Lens And Correction Optical Elements	99110182.5	5/26/99	0965867	12/22/99	0965867	10/12/05	
10980100	07	GB	Granted	Multi-Port Optical Circulator Utilizing Imaging Lens And Correction Optical Elements	99110182.5	5/26/99	0965867	12/22/99	0965867	10/12/05	
10980113	01	US	Granted	Organic Electroluminescent Device With Full Color Characteristics	09/111474	7/8/98			6137221	10/24/00	
10980116	01	US	Granted	Shielded Fiber Optic Connector	08/986438	12/8/97			5960136	9/28/99	
10980116	02	JP	Pending	Shielded Fiber Optic Connector	PH10-348355	12/8/98					
10980124	01	US	Granted	A Modular Embedded Test System For Use In Integrated Circuits	09/227240	1/8/99			6191603	2/20/01	
10980159	01	US	Granted	Pixel Sensor Column Amplifier Architecture	09/076014	5/11/98			6476864	11/5/02	
10980159	02	JP	Pending	Pixel Sensor Column Amplifier Architecture	PH11-125466	5/6/99					
10980159	04	CN	Granted	Pixel Sensor Column Amplifier Architecture	99102176.2	2/10/99	1239308	12/22/99	ZL99102176	10/29/03	
10980159	05	SG	Granted	Pixel Sensor Column Amplifier Architecture	9900078.8	1/13/99	74113	8/29/05	74113	7/29/05	
10980159	06	TW	Granted	Pixel Sensor Column Amplifier Architecture	88100703	1/18/99	407424	10/1/00	121925	3/6/01	
10980159	07	DE	Granted	Pixel Sensor Column Amplifier Architecture	99303595.5	5/7/99	0957630	4/18/01	69918899.7	7/28/04	
10980159	08	FR	Granted	Pixel Sensor Column Amplifier Architecture	99303595.5	5/7/99	0957630	4/18/01	0957630	7/28/04	

10980159	09	GB	Granted	Pixel Sensor Column Amplifier Architecture	99303595.5	5/7/99	0957630	4/18/01	0957630	7/28/04
10980159	10	IT	Granted	Pixel Sensor Column Amplifier Architecture	99303595.5	5/7/99	0957630	4/18/01	0957630	7/28/04
10980159	11	NL	Granted	Pixel Sensor Column Amplifier Architecture	99303595.5	5/7/99	0957630	4/18/01	0957630	7/28/04
10980209	01	US	Granted	CMOS Active Pixel Sensor Having In-Pixel Local Exposure Control	09/195588	11/18/98			6580454	6/17/03
10980209	02	JP	Pending	CMOS Active Pixel Sensor Having In-Pixel Local Exposure Control	PH11-327857	11/18/99				
10980209	03	EP	Published	CMOS Active Pixel Sensor Having In-Pixel Local Exposure Control	99309147.9	11/17/99	1003330	5/24/00		
10980210	01	US	Granted	Amorphous Silicon Active Pixel Sensor With Rectangular Readout Layer In A Hexagonal Grid Layout	09/243186	2/2/99			6252218	6/26/01
10980210	02	JP	Pending	Amorphous Silicon Active Pixel Sensor With Rectangular Readout Layer In A Hexagonal Grid Layout	P2000-021718	1/31/00	2000-23641	8/29/00		
10980210	03	EP	Published	Amorphous Silicon Active Pixel Sensor With Rectangular Readout Layer In A Hexagonal Grid Layout	00300516.2	1/25/00	1026747	8/16/01		
10980211	01	US	Granted	Pixel Cell With Integrated DC Balance Circuit	09/195032	11/18/98			6262703	7/17/01
10980211	02	JP	Pending	Pixel Cell With Integrated DC Balance Circuit	PH11-325472	11/16/99				
10980211	03	EP	Published	Pixel Cell With Integrated DC Balance Circuit	99309148.7	11/17/99	1003152	5/24/00		
10980214	01	US	Granted	A Mechanism For Calculating One-Dimensional Fast Fourier Transforms	09/123241	7/27/98			6088714	7/11/00
10980219	01	US	Granted	Method And Apparatus For Low Cost Set Mapping	09/082172	5/20/98			6124869	9/26/00
10980220	01	US	Granted	Circuit For Evaluating Signal Timing	09/083311	5/22/98			6073261	6/6/00
10980239	02	US	Granted	Method Of Manufacture Of Active Matrix Addressed Polymer LED Display	09/098190	6/16/98			6965361	11/15/05
10980239	03	US	Pending	Active Matrix Addressed Polymer LED Display	11/222205	9/7/05				
10980258	01	US	Granted	Capillary Fluid Switch With Asymmetric Bubble Chamber	09/221655	12/23/98			6360775	3/26/02
10980258	02	JP	Pending	Capillary Fluid Switch With Asymmetric Bubble Chamber	PH11-351823	12/10/99				
10980258	04	DE	Granted	Capillary Fluid Switch With Asymmetric Bubble Chamber	99310061.9	12/14/99	1014140	6/27/01	1014140	7/13/05
10980258	05	FR	Granted	Capillary Fluid Switch With Asymmetric Bubble Chamber	99310061.9	12/14/99	1014140	6/27/01	1014140	7/13/05
10980258	06	GB	Granted	Capillary Fluid Switch With Asymmetric Bubble Chamber	99310061.9	12/14/99	1014140	6/27/01	1014140	7/13/05
10980271	01	US	Granted	Test Pattern Generator Having Improved Test Sequence Compaction	09/027106	2/20/98			6067651	5/23/00
10980271	02	JP	Pending	Test Pattern Generator Having Improved Test Sequence Compaction	PH11-028218	2/5/99				
10980271	03	DE	Published	Test Pattern Generator Having Improved Test Sequence Compaction	19855488.5	12/1/98	19855488A1	9/9/99		
10980325	01	US	Granted	Timing Circuit Utilizing A Clock Tree As A Delay Device	09/090678	6/3/98			6114877	9/5/00
10980325	02	JP	Pending	Timing Circuit Utilizing A Clock Tree As A Delay Device	PH11-138419	5/19/99				
10980325	05	DE	Granted	Timing Circuit Utilizing A Clock Tree As A Delay Device	99303850.4	5/18/99	0962851	1/16/02	69926308.5	7/27/05
10980325	06	FR	Granted	Timing Circuit Utilizing A Clock Tree As A Delay Device	99303850.4	5/18/99	0962851	1/16/02	0962851	7/27/05
10980325	07	GB	Granted	Timing Circuit Utilizing A Clock Tree As A Delay Device	99303850.4	5/18/99	0962851	1/16/02	0962851	7/27/05
10980359	01	US	Granted	Proximity Detector For A "Seeing Eye Mouse" (As Amended)	09/052046	3/30/98			6281882	8/28/01
10980359	02	JP	Pending	"Seeing Eye" Mouse For A Computer System	PH11-086460	3/29/99				
10980359	03	TW	Granted	"Seeing Eye" Mouse For A Computer System	87117192	10/17/98	87117192	1/11/02	207503	4/22/05
10980359	04	CN	Granted	"Seeing Eye" Mouse For A Computer System	98125964.2	12/30/98	1230718	10/6/99	ZL98125964	7/9/03
10980359	05	MX	Granted	"Seeing Eye" Mouse For A Computer System	98/09811	11/24/98			210855	10/15/02
10980359	06	US	Granted	"Seeing Eye" Mouse For A Computer System	09/753805	1/2/01	0093486	7/18/02	6433780	8/13/02
10980359	07	US	Granted	"Seeing Eye" Mouse For A Computer System	10/217725	8/12/02	0190953	12/19/02	6950094	9/27/05
10980359	08	CN	Published	"Seeing Eye" Mouse For A Computer System	02146910.5	12/30/98	1437096	8/20/03		
10980359	09	HK	Published	"Seeing Eye" Mouse For A Computer System	03109218.4	12/18/03	1056788A	2/27/04		
10980359	10	JP	Published	"seeing Eye" Mouse For A Computer System	P2004-119555	4/14/04	2004246921	9/2/04		
10980359	12	US	Published	Seeing Eye Mouse For A Computer System	11/022183	12/23/04	0179662	8/18/05		
10980359	13	US	Published	*** Seeing Eye" Mouse For A Computer System	11/154007	6/15/05	0231483	10/20/05		
10980359	14	US	Pending	** " Seeing Eye" Mouse For A Computer System	11/147838	6/8/05				
10980359	15	US	Published	** " Seeing Eye" Mouse For A Computer System	11/154008	6/15/05	0231484	10/20/05		
10980360	02	US	Granted	Three-State Differential Data Transmission With Self Latching Ability	09/067382	4/27/98	0040929	11/15/01	6570930	5/27/03

10980397	01	US	Granted	Integrated Circuit Having Unique Lead Configuration	09/089684	6/3/98				6049136	4/11/00
10980397	02	JP	Pending	Integrated Circuit Having Unique Lead Configuration	PH11-155115	6/2/99					
10980397	03	EP	Published	Integrated Circuit Having Unique Lead Configuration	99101126.3	1/21/99	0962976	5/10/00			
10980398	01	US	Granted	Driver Circuit For A High Speed Transceiver	09/119832	7/21/98				6400771	6/4/02
10980399	01	US	Granted	System And Method For Communicating Data Over A High-Speed Bus	09/150059	9/9/98				6137849	10/24/00
10980418	01	US	Granted	Ball Grid Array Package With Supplemental Electronic Component	09/087130	5/29/98				6476486	11/5/02
10980423	01	US	Granted	Isolation Trench Fabrication Process	09/071051	4/30/98				6033961	3/7/00
10980423	02	JP	Pending	Isolation Trench Fabrication Process	PH11-118718	4/26/99					
10980423	03	EP	Published	Isolation Trench Fabrication Process	99303359.6	4/29/99	0954023	11/3/99			
10980423	04	KR	Pending	Isolation Trench Fabrication Process	99.0015356	4/29/99					
10980428	04	SG	Granted	Clock Driver Apparatus With Programmable Output Characteristics	9803149.5	8/20/98				71144	5/31/02
10980428	07	DE	Granted	Clock Driver Apparatus With Programmable Output Characteristics	98308436.9	10/15/98	0913937	2/2/00	69810426.9		1/2/03
10980428	08	FR	Granted	Clock Driver Apparatus With Programmable Output Characteristics	98308436.9	10/15/98	0913937	2/2/00	0913937		1/2/03
10980428	09	GB	Granted	Clock Driver Apparatus With Programmable Output Characteristics	98308436.9	10/15/98	0913937	2/2/00	0913937		1/2/03
10980431	01	US	Granted	Mouseless, Optical And Position Translation Type Screen Pointer Control For A Computer System	09/070422	4/30/98				6057540	5/2/00
10980431	02	JP	Pending	Mouseless Optical And Position Translation Type Screen Pointer Control For A Computer System	PH11-117035	4/23/99					
10980431	03	TW	Granted	Mouseless Optical And Position Translation Type Screen Pointer Control For A Computer System	87118854	11/13/98	403932	9/1/00	119954		1/17/01
10980431	04	CN	Granted	Mouseless Optical And Position Translation Type Screen Pointer Control For A Computer System	99101716.1	1/29/99	1233791	11/3/99	99101716.1		6/9/04
10980431	05	MX	Pending	Mouseless Optical And Position Translation Type Screen Pointer Control For A Computer System	99.01627	2/18/99					
10980484	01	US	Granted	A Method And Apparatus For Inspecting A Display Using A Relatively Low-Resolution Camera	09/132446	8/11/98				6219443	4/17/01
10980484	02	JP	Pending	A Method And Apparatus For Inspecting A Display Using A Relatively Low-Resolution Camera	PH11-225464	8/9/99					
10980492	01	US	Granted	Improved Optical Circulator	09/023858	2/13/98				6088491	7/11/00
10980492	02	JP	Pending	Optical Circulator	PH11-032625	2/10/99					
10980492	03	EP	Published	Optical Circulator	98117184.6	9/10/98	0936489	11/15/00			
10980492	04	AU	Granted	Optical Circulator	83206/98	9/9/98	750456	8/26/99	750456		10/31/02
10980555	01	US	Granted	A Multiple Color Detection Elevated Pin Photo Diode Active Pixel Sensor	09/203445	12/1/98				6111300	8/29/00
10980555	02	JP	Pending	A Multiple Color Detection Elevated Pin Photo Diode Active Pixel Sensor	PH11-341686	12/1/99					
10980555	04	DE	Granted	Color Detection Active Pixel Sensors	99309267.5	11/22/99	1006585	6/7/00	69925091.9		5/4/05
10980555	05	FR	Granted	Color Detection Active Pixel Sensors	99309267.5	11/22/99	1006585	6/7/00	1006585		5/4/05
10980555	06	GB	Granted	Color Detection Active Pixel Sensors	99309267.5	11/22/99	1006585	6/7/00	1006585		5/4/05
10980626	01	US	Granted	System And Method For The Monolithic Integration Of A Light Emitting Device And A Photodetector For Low Bias Voltage Operation	09/167961	10/6/98				6222202	4/24/01
10980626	02	JP	Pending	System And Method For The Monolithic Integration Of A Light Emitting Device And A Photodetector For Low Bias Voltage Operation	PH11-276174	9/29/99					
10980626	04	DE	Granted	System And Method For The Monolithic Integration Of A Light Emitting Device And A Photodetector For Low Bias Voltage Operation	99113806.6	7/14/99	0993087	4/12/00	0993087		10/19/05
10980626	05	FR	Granted	System And Method For The Monolithic Integration Of A Light Emitting Device And A Photodetector For Low Bias Voltage Operation	99113806.6	7/14/99	0993087	4/12/00	0993087		10/19/05
10980626	06	GB	Granted	System And Method For The Monolithic Integration Of A Light Emitting Device And A Photodetector For Low Bias Voltage Operation	99113806.6	7/14/99	0993087	4/12/00	0993087		10/19/05
10980673	01	US	Granted	Reflective Ferroelectric Liquid Crystal Light Valve With Increased Light Throughput	09/183554	10/29/98				6243065	6/5/01
10980673	02	JP	Pending	Reflective Ferroelectric Liquid Crystal Light Valve With Increased Light Throughput	PH11-307086	10/28/99					
10980673	04	DE	Granted	Reflective Ferroelectric Liquid Crystal Light Valve With Increased Light Throughput	99114347.0	7/21/99	0997767	10/18/00	69925221.0		5/11/05
10980673	05	FR	Granted	Reflective Ferroelectric Liquid Crystal Light Valve With Increased Light Throughput	99114347.0	7/21/99	0997767	10/18/00	0997767		5/11/05
10980673	06	GB	Granted	Reflective Ferroelectric Liquid Crystal Light Valve With Increased Light Throughput	99114347.0	7/21/99	0997767	10/18/00	0997767		5/11/05

10980685	01	US	Granted	Light Collector For High Magnification Inspection	09/173569	10/15/98				6046843	4/4/00
10980685	02	JP	Pending	Light Collector For High Magnification Inspection	PH11-265487	9/20/99					
10980728	01	US	Granted	Low Latency Architecture For Spatial Filtration	09/053278	4/1/98				6047091	4/4/00
10980728	02	JP	Granted	Low Latency Architecture For Spatial Filtration	PH11-093401	3/31/99				P3693518	7/1/05
10980735	02	US	Granted	A Light Source Utilizing A Light-Emitting Device Constructed On The Surface Of A Substrate And Light Conversion Device That Includes A Portion Of The Substrate	09/285872	4/1/99				6239901	5/29/01
10980747	01	US	Granted	Signal Processing Distributed Arithmetic Architecture	09/183196	10/30/98				6477203	11/5/02
10980747	02	JP	Pending	Signal Processing Distributed Arithmetic Architecture	PH11-309940	10/29/99					
10980747	03	EP	Published	Signal Processing Distributed Arithmetic Architecture	99308594.3	10/29/99	0997828	3/6/02			
10980747	04	KR	Pending	Signal Processing Distributed Arithmetic Architecture	99.0047719	10/30/99					
10980747	05	CN	Granted	Signal Processing Distributed Arithmetic Architecture	99118180.8	8/30/99	1253340	5/17/00	1135484		1/21/04
10980747	06	SG	Pending	Signal Processing Distributed Arithmetic Architecture	9902602.3	6/4/99					
10980752	01	US	Granted	Modifiable Semiconductor Circuit Element	09/162629	9/28/98				6252291	6/26/01
10980752	02	JP	Pending	Modifiable Semiconductor Circuit Element	PH11-236742	8/24/99					
10980752	05	KR	Granted	Modifiable Semiconductor Circuit Element	99.0040912	9/22/99				0380516	4/3/03
10980855	01	US	Granted	Bulk Acoustic Wave Resonator With Improved Lateral Mode Suppression	09/282082	3/30/99				6215375	4/10/01
10980855	02	JP	Pending	Bulk Acoustic Wave Resonator With Improved Lateral Mode Suppression	P2000-093594	3/30/00					
10980855	03	EP	Published	Bulk Acoustic Wave Resonator With Improved Lateral Mode Suppression	00102624.4	2/8/00	1041717	12/20/00			
10980894	01	US	Granted	System And Method Monolithic Integration Of A Light Emitting Device And Photo-Detector Using A Native Oxide Semiconductor Layer	09/209528	12/11/98				6483862	11/19/02
10980894	02	JP	Pending	System And Method For The Monolithic Integration Of Light Emitting Device And A Photodetector Using A Native Oxide Semiconductor Layer	PH11-339413	11/30/99					
10980900	01	US	Granted	Pen Like Computer Pointing Device	09/067280	4/27/98				6151015	11/21/00
10980900	02	JP	Pending	Pen Like Computer Pointing Device	PH11-117034	4/23/99					
10980900	04	TW	Granted	Pen Like Computer Pointing Device	87118853	11/13/98	381235	2/1/00	112174		10/11/00
10980900	05	CN	Granted	Pen Like Computer Pointing Device	99101715.3	1/29/99	1233795	11/3/99	991017153		11/10/04
10980900	06	MX	Pending	Pen Like Computer Pointing Device	99.00023	1/4/99					
10980900	07	DE	Granted	Pen Like Computer Pointing Device	99303000.6	4/19/99	0953934	11/3/99	69914659.3		2/11/04
10980900	08	FR	Granted	Pen Like Computer Pointing Device	99303000.6	4/19/99	0953934	11/3/99	0953934		2/11/04
10980900	09	GB	Granted	Pen Like Computer Pointing Device	99303000.6	4/19/99	0953934	11/3/99	0953934		2/11/04
10980900	10	NL	Granted	Pen Like Computer Pointing Device	99303000.6	4/19/99	0953934	11/3/99	0953934		2/11/04
10980924	01	US	Granted	System And Method For Interfacing Optical Fibers And Optical Communications Devices Via An Optical Fiber Faceplate	09/248878	2/11/99				6137929	10/24/00
10980924	02	JP	Pending	System And Method For Interfacing Optical Fibers With Optical Communications Devices Via An Optical Fiber Faceplate	P2000-025797	2/3/00					
10980925	01	US	Granted	Integrated Packaging System For Optical Communications Devices That Provides Automatic Alignment With Optical Fibers	09/248877	2/11/99				6318909	11/20/01
10980925	02	JP	Pending	Integrated Packaging System For Optical Communications Devices That Provides Automatic Alignment With Optical Fibers	P2000-035206	2/14/00					
10980925	03	EP	Published	Integrated Packaging System For Optical Communications Devices That Provides Automatic Alignment With Optical Fibers	99118723.8	9/22/99	1028341	7/21/04			
10980925	04	US	Granted	Integrated Packaging System For Optical Communications Devices That Provides Automatic Alignment With Optical Fibers	09/954384	9/10/01	0021874	2/21/02	6835003		12/28/04
10980925	05	US	Pending	Integrated Packaging System For Optical Communications Devices That Provides Automatic Alignment With Optical Fibers	10/932539	9/1/04					
10980927	02	US	Granted	Mirror Adapted For Use In Semiconductor Lasers And Method For Fabricating The Same	09/376764	8/17/99				8408015	6/18/02
10980959	01	US	Granted	Compact, Light-Weight Optical Imaging System And Method Of Making Same	09/300005	4/26/99				6046867	4/4/00
10980959	02	JP	Pending	Compact, Light-Weight Optical Imaging System And Method Of Making Same	P2000-120518	4/21/00	2000-35266	12/19/00			

10980959	03	EP	Published	Compact, Light-Weight Optical Imaging System And Method Of Making Same	00108196.7	4/13/00	1048967	4/21/04		
10980966	01	US	Granted	Non-Perpendicular Optical Paths For A Crosstalk-Inhibiting Switching Arrangement	09/197015	11/20/98			6208778	3/27/01
10980966	02	JP	Pending	Non-Perpendicular Optical Paths For A Crosstalk-Inhibiting Switching Arrangement	PH11-303911	10/26/99				
10981067	02	JP	Pending	An Elevated Pin Diode Active Pixel Sensor Including A Unique Interconnection Structure	PH11-276173	9/29/99				
10981067	03	EP	Published	An Elevated Pin Diode Active Pixel Sensor Including A Unique Interconnection Structure	99307737.9	9/30/99	0996164	4/24/00		
10981067	04	US	Granted	An Elevated Pin Diode Active Pixel Sensor Including A Unique Interconnection Structure	09/174718	10/19/98			6018187	1/25/00
10981088	01	US	Granted	Transparent Flexible Permeability Barrier For Organic Electroluminescent Devices	09/126689	7/30/98			6146225	11/14/00
10981088	02	JP	Pending	Transparent, Flexible Permeability Barrier For Organic Electroluminescent Devices	PH11-215684	7/29/99				
10981088	04	DE	Granted	Transparent, Flexible Permeability Barrier For Organic Electroluminescent Devices	99114946.9	7/30/99	0977469	9/20/00	69911524.8	9/24/03
10981088	05	FR	Granted	Transparent, Flexible Permeability Barrier For Organic Electroluminescent Devices	99114946.9	7/30/99	0977469	9/20/00	0977469	9/24/03
10981088	06	GB	Granted	Transparent, Flexible Permeability Barrier For Organic Electroluminescent Devices	99114946.9	7/30/99	0977469	9/20/00	0977469	9/24/03
10981117	01	US	Granted	Three-Dimensional Ferroelectric Capacitor Structure For Nonvolatile Random Access Memory Cell	09/236048	1/22/99			6281535	8/28/01
10981117	02	JP	Pending	Three-Dimensional Ferroelectric Capacitor Structure For Nonvolatile Random Access Memory Cell	P2000-012613	1/21/00				
10981133	01	US	Granted	Organic Light Emitting Device Having A Current Self-Limiting Structure	09/197012	11/20/98			6713955	3/30/04
10981133	02	JP	Pending	Structure To Improve The Reliability Of Organic And Polymer Light Emitting Devices And Method For Producing Same	PH11-331476	11/22/99				
10981133	03	EP	Published	Structure To Improve The Reliability Of Organic And Polymer Light Emitting Devices And Method For Producing Same	99116362.7	8/19/99	1003229	5/24/00		
10981166	01	US	Granted	System And Method For The Monolithic Integration Of A Light Emitting Device And A Heterojunction Phototransistor For Low Bias Voltage Operation	09/183030	10/29/98			6236671	5/22/01
10981166	02	JP	Pending	System And Method For The Monolithic Integration Of A Light Emitting Device And A Heterojunction Phototransistor For Low Bias Voltage Operation	PH11-276175	9/29/99				
10981166	04	DE	Granted	System And Method For The Monolithic Integration Of A Light Emitting Device And A Heterojunction Phototransistor For Low Bias Voltage Operation	99114367.8	7/21/99	1003255	5/24/00	69900966.9	3/6/02
10981166	05	FR	Granted	System And Method For The Monolithic Integration Of A Light Emitting Device And A Heterojunction Phototransistor For Low Bias Voltage Operation	99114367.8	7/21/99	1003255	5/24/00	1003255	3/6/02
10981166	06	GB	Granted	System And Method For The Monolithic Integration Of A Light Emitting Device And A Heterojunction Phototransistor For Low Bias Voltage Operation	99114367.8	7/21/99	1003255	5/24/00	1003255	3/6/02
10981190	01	US	Granted	Articulated Nose Bridge For Head Mounted Display	09/183735	10/30/98			5971538	10/26/99
10981190	02	WO	Pending	Articulated Nose Bridge For Head Mounted Display	US99/19969	8/31/99				
10981190	03	JP	Pending	Articulated Nose Bridge For Head Mounted Display	P2001-580038	5/1/01	2002-52976	9/10/02		
10981226	02	US	Granted	System And Method For Scan Assisted Self-Test Of Integrated Circuits	09/292717	4/15/99			6427217	7/30/02
10981278	01	US	Granted	Drive Circuit With Over-Voltage Protection For Use With Pixel Cells And Other Circuits	09/203789	12/1/98			6147846	11/14/00
10981278	02	JP	Granted	Drive Circuit With Over-Voltage Protection For Use With Pixel Cells And Other Circuits	PH11-342434	12/1/99			P3295661	4/5/02
10981278	05	KR	Pending	Drive Circuit With Over-Voltage Protection For Use With Pixel Cells And Other Circuits	99.0054177	12/1/99				
10981278	06	MY	Granted	Drive Circuit With Over-Voltage Protection For Use With Pixel Cells And Other Circuits	9902365	6/10/99			114854A	1/31/03

10981278	07	SG	Granted	Drive Circuit With Over-Voltage Protection For Use With Pixel Cells And Other Circuits	9902919.1	6/15/99			73652	8/31/04
10981278	08	TW	Granted	Drive Circuit With Over-Voltage Protection For Use With Pixel Cells And Other Circuits	88110236	6/17/99	420938	2/1/01	127135	6/5/01
10981278	09	US	Granted	Drive Circuit With Over-Voltage Protection For Use With Pixel Cells And Other Circuits	09/558309	4/25/00			6380976	4/30/02
10981278	10	DE	Granted	Drive Circuit With Over-Voltage Protection For Use With Pixel Cells And Other Circuits	99309608.0	11/30/99	1006718	7/19/00	69916980.1	5/6/04
10981278	11	ES	Granted	Drive Circuit With Over-Voltage Protection For Use With Pixel Cells And Other Circuits	99309608.0	11/30/99	1006718	7/19/00	1006718	5/6/04
10981278	12	FR	Granted	Drive Circuit With Over-Voltage Protection For Use With Pixel Cells And Other Circuits	99309608.0	11/30/99	1006718	7/19/00	1006718	5/6/04
10981278	13	GB	Granted	Drive Circuit With Over-Voltage Protection For Use With Pixel Cells And Other Circuits	99309608.0	11/30/99	1006718	7/19/00	1006718	5/6/04
10981278	14	IT	Granted	Drive Circuit With Over-Voltage Protection For Use With Pixel Cells And Other Circuits	99309608.0	11/30/99	1006718	7/19/00	1006718	5/6/04
10981278	15	NL	Granted	Drive Circuit With Over-Voltage Protection For Use With Pixel Cells And Other Circuits	99309608.0	11/30/99	1006718	7/19/00	1006718	5/6/04
10981303	02	JP	Pending	System And Method For Detecting Defects Within An Electrical Circuit By Analyzing Quiescent Current	PH11-341687	12/1/99				
10981303	04	US	Granted	System And Method For Detecting Defects Within An Electrical Circuit By Analyzing Quiescent Current	09/203295	12/1/98	0011903	8/9/01	6366108	4/2/02
10981303	05	DE	Granted	System And Method For Detecting Defects Within An Electrical Circuit By Analyzing Quiescent Current	99116632.3	8/25/99	1008857	6/14/00	69921277.4	10/20/04
10981303	06	FR	Granted	System And Method For Detecting Defects Within An Electrical Circuit By Analyzing Quiescent Current	99116632.3	8/25/99	1008857	6/14/00	1008857	10/20/04
10981303	07	GB	Granted	System And Method For Detecting Defects Within An Electrical Circuit By Analyzing Quiescent Current	99116632.3	8/25/99	1008857	6/14/00	1008857	10/20/04
10981319	01	US	Granted	Optical Wavelength Demultiplexer	09/199988	11/24/98			6198864	3/6/01
10981319	02	JP	Pending	Optical Wavelength Demultiplexer	PH11-324316	11/15/99				
10981319	03	EP	Published	Optical Wavelength Demultiplexer	99114619.2	7/26/99	1004907	7/17/02		
10981364	01	US	Granted	Method And Apparatus For Fabricating Polymer-Based Electroluminescent Displays	09/363964	7/29/99			6174613	1/16/01
10981364	02	JP	Pending	Method And Apparatus For Fabricating Polymer-Based Electroluminescent Displays	P2000-213922	7/14/00				
10981364	03	US	Granted	Method And Apparatus For Fabricating Polymer-Based Electroluminescent Displays	09/717655	11/21/00			6582756	6/24/03
10981378	01	US	Granted	A Photo Diode Pixel Sensor Array Having A Guard Ring	09/184426	11/2/98			6545711	4/8/03
10981378	02	JP	Pending	A Photo Diode Pixel Sensor Array Having A Guard Ring	PH11-293029	10/14/99				
10981378	03	EP	Published	A Photo Diode Pixel Sensor Array Having A Guard Ring	99308662.8	11/1/99	0999596	5/9/01		
10981453	01	US	Granted	Method And System For Improving The Performance Of A Circuit Design Verification Tool	09/199712	11/25/98			6226777	5/1/01
10981490	01	US	Granted	Calibration Sharing For CMOS Output Driver	09/127775	7/31/98			6064224	5/16/00
10981490	02	JP	Pending	Calibration Sharing For CMOS Output Driver	PH11-190913	7/5/99				
10981490	03	EP	Published	Calibration Sharing For CMOS Output Driver	99305788.4	7/21/99	0999643	10/25/00		
10981491	01	US	Granted	Digitally Controlled Output Driver And Method For Impedance Matching	09/186006	11/4/98			6118310	9/12/00
10981491	02	JP	Pending	Digitally Controlled Output Driver And Method For Impedance Matching	PH11-313641	11/4/99				
10981491	03	EP	Published	Digitally Controlled Output Driver And Method For Impedance Matching	99118261.9	9/14/99	0999643	5/10/00		
10981533	01	JP	Pending	Nitride-Based Semiconductor Device	PH10-313993	10/16/98	2000124552	4/28/00		
10981533	02	WO	Pending	IMPROVED FAR-FIELD NITRIDE BASED SEMICONDUCTOR DEVICE	US99/24146	10/14/99	US00/24097	4/27/00		
10981533	04	US	Granted	Nitride Semiconductor Device	09/833243	4/10/01	0038656	11/8/01	6690700	2/10/04
10981606	02	US	Granted	Ergonomic Computer Mouse	09/809571	3/14/01			6396479	5/28/02
10981621	01	US	Granted	Optically Controlled Exchange Switches Within An Optical Signal Network	09/293327	4/16/99			6516108	2/4/03
10981633	01	US	Granted	Fibre Channel Controller Having Both Inbound And Outbound Control Units For Simultaneously Processing Both Multiple Inbound And Outbound Sequences	09/183164	10/30/98			6425034	7/23/02

10981634	01	US	Granted	Command Forwarding: A Method For Optimizing I/O Latency And Throughput In Fibre Channel Client/Server/Target Mass Storage Architectures	09/183969	10/30/98				6493750	12/10/02
10981635	01	US	Granted	Deterministic Error Notification And Event Reordering Mechanism Provide A Host Processor To Access Complete State Information Of An Interface Controller For Efficient Error Recovery	09/183864	10/30/98				6336157	1/1/02
10981636	01	US	Granted	Performance Of Fiber Channel Protocol Sequence Reassembly Using Expected Frame Information And Buffer List Calculations	09/183865	10/30/98				6314477	11/6/01
10981637	01	US	Granted	Transmission Of FCP Response In The Same Loop Tenancy As The FCP Data With Minimization Of Inter-Sequence Gap	09/183970	10/30/98				6463498	10/8/02
10981660	01	US	Granted	Fibre Channel Loop Map Initialization Protocol Implemented In Hardware	09/183580	10/30/98				6470026	10/22/02
10981692	01	US	Granted	Molded Spring Gap Setting Mechanism For Optical Encoders	09/186727	11/4/98				6166374	12/26/00
10981692	02	JP	Pending	Molded Spring Gap Setting Mechanism For Optical Encoders	PH11-291459	10/13/99					
10981692	03	DE	Granted	Molded Spring Gap Setting Mechanism For Optical Encoders	19945676.3	9/23/99	19945676	5/31/00	19945676		6/28/01
10981692	04	GB	Granted	Molded Spring Gap Setting Mechanism For Optical Encoders	9925974.9	11/2/99	2343510	5/10/00	2343510		3/12/03
10981734	01	US	Granted	Lenses That Launch High Bandwidth Modes Into A Fiber Optic Cable While Eliminating Feedback To A Laser	09/388892	9/2/99				6349159	2/19/02
10981734	02	JP	Published	Lenses That Launch High Bandwidth Modes Into A Fiber Optic Cable While Eliminating Feedback To A Laser	P2000-267542	9/4/00	2001-12496	5/11/01			
10981734	03	DE	Published	Lenses That Launch High Bandwidth Modes Into A Fiber Optic Cable While Eliminating Feedback To A Laser	10039176.1	8/10/00	10039176	4/12/01			
10981734	04	GB	Granted	Lenses That Launch High Bandwidth Modes Into A Fiber Optic Cable While Eliminating Feedback To A Laser	0021460.1	8/31/00	2354839	4/4/01	2354839		6/25/03
10981744	01	US	Granted	An Elevated Image Sensor Array Which Includes Isolation Between The Image Sensors And A Unique Interconnection	09/195535	11/18/98				5936261	8/10/99
10981744	02	JP	Pending	An Elevated Image Sensor Array Which Includes Isolation Between The Image Sensors And A Unique Interconnection	PH11-327057	11/17/99					
10981768	01	US	Granted	Efficient Phosphor-Conversion LED Structures	09/268764	3/15/99				6155699	12/5/00
10981825	01	US	Granted	Long-Wavelength VCSEL Using Buried Bragg Reflectors	09/263696	3/5/99				6252896	6/26/01
10981825	02	JP	Pending	Long-Wavelength VCSEL Using Buried Bragg Reflectors	P2000-055745	3/1/00					
10981825	04	DE	Granted	Long-Wavelength VCSEL Using Buried Bragg Reflectors	00102463.7	2/4/00	1037341	9/20/00	60002387.7		5/2/03
10981825	05	FR	Granted	Long-Wavelength VCSEL Using Buried Bragg Reflectors	00102463.7	2/4/00	1037341	9/20/00	1037341		5/2/03
10981825	06	GB	Granted	Long-Wavelength VCSEL Using Buried Bragg Reflectors	00102463.7	2/4/00	1037341	9/20/00	1037341		5/2/03
10981855	01	US	Granted	A Solder Retention Ring For Improved Solder Bump Formation	09/235579	1/22/99				6085968	7/11/00
10981878	01	US	Granted	Single Site For Healing Dual Optical Rings	09/263749	3/5/99				6407835	6/18/02
10981878	02	JP	Pending	Single Site For Healing Dual Optical Rings	P2000-061060	3/6/00					
10981927	01	US	Granted	Vertical Cavity Surface Emitting Laser (VCSEL) Using Buried Bragg Reflectors And Method For Producing Same	09/243184	2/2/99	1026798	8/9/00	6376269		4/23/02
10981927	02	JP	Pending	Vertical Cavity Surface Emitting Laser (VCSEL) Using Buried Bragg Reflectors And Method For Producing Same	P2000-012352	1/21/00					
10981927	03	EP	Published	Vertical Cavity Surface Emitting Laser (VCSEL) Using Buried Bragg Reflectors And Method For Producing Same	00101952.0	2/1/00	1026798	8/28/02			
10981929	01	US	Granted	A Conductive Mesh Bias Connection For An Array Of Elevated Active Pixel Sensors	09/496941	2/3/00				6396118	5/28/02
10981929	02	JP	Pending	A Conductive Mesh Bias Connection For An Array Of Elevated Active Pixel Sensors	P2001-027942	2/5/01					
10981929	03	EP	Published	A Conductive Mesh Bias Connection For An Array Of Elevated Active Pixel Sensors	00122087.0	10/11/00	1122790	12/3/03			

10981935	01	US	Granted	Random Access Memory Integrated With CMOS Sensors	09/442650	11/18/99	0067417	6/6/02	6529240	3/4/03
10981941	01	US	Granted	Method And Structure For Bonding Layers In A Semiconductor Device	09/299687	4/26/99			6387736	5/14/02
10981941	02	JP	Pending	Method And Structure For Bonding Layers In A Semiconductor Device	P2000-123846	4/25/00				
10981941	05	DE	Granted	Method And Structure For Bonding Layers In A Semiconductor Device	00303451.9	4/25/00	1049150	11/2/00	1049150	6/23/04
10981941	06	FR	Granted	Method And Structure For Bonding Layers In A Semiconductor Device	00303451.9	4/25/00	1049150	11/2/00	1049150	6/23/04
10981941	07	GB	Granted	Method And Structure For Bonding Layers In A Semiconductor Device	00303451.9	4/25/00	1049150	11/2/00	1049150	6/23/04
10981942	01	US	Granted	Isolation Of Alpha Silicon Diode Sensors Through Ion Implantation	09/290443	4/13/99			6586812	7/1/03
10981942	02	JP	Pending	Isolation Of Alpha Silicon Diode Sensors Through Ion Implantation	P2000-106873	4/7/00				
10981942	03	EP	Published	Isolation Of Alpha Silicon Diode Sensors Through Ion Implantation	00302987.3	4/7/00	1045450	5/29/02		
10981942	04	US	Granted	Isolation Of Alpha Silicon Diode Sensors Through Ion Implantation	10/349447	1/22/03	0107100	6/12/03	6759724	7/6/04
10981943	01	US	Granted	Method And Apparatus For A Dual-Inlaid Damascene Contact To Sensor	09/300812	4/27/99			6016011	1/18/00
10981943	02	JP	Pending	Method And Apparatus For A Dual-Inlaid Damascene Contact To Sensor	P2000-123847	4/25/00				
10981943	03	EP	Published	Method And Apparatus For A Dual-Inlaid Damascene Contact To Sensor	00303069.9	4/12/00	1049158	10/24/01		
10981944	01	US	Granted	An Elevated Image Sensor Array Which Includes Isolation Between Uniquely Shaped Image Sensors	09/361342	7/26/99			6215164	4/10/01
10982001	01	US	Granted	Wavelength Monitor Using Hybrid Approach	09/326338	6/7/99			6486984	11/26/02
10982001	02	JP	Pending	Wavelength Monitor Using Hybrid Approach	P2000-164316	6/1/00				
10982059	01	US	Granted	Flip-Chip Assembly For Optically-Pumped Lasers	09/954825	9/18/01	0053510	3/20/03	6647050	11/11/03
10982061	01	US	Granted	System For Optically Pumping A Long Wavelength Laser Using A Short Wavelength Laser	09/703389	10/31/00			6553051	4/22/03
10982061	03	JP	Pending	System For Optically Pumping A Long Wavelength Laser Using A Short Wavelength Laser	P2001-332027	10/30/01	2002-15178	5/24/02		
10982061	04	DE	Granted	System For Optically Pumping A Long Wavelength Laser Using A Short Wavelength Laser	01114657.8	6/19/01	1211764	5/14/03	60113041.3	8/31/05
10982061	05	FR	Granted	System For Optically Pumping A Long Wavelength Laser Using A Short Wavelength Laser	01114657.8	6/19/01	1211764	5/14/03	1211764	8/31/05
10982061	06	GB	Granted	System For Optically Pumping A Long Wavelength Laser Using A Short Wavelength Laser	01114657.8	6/19/01	1211764	5/14/03	1211764	8/31/05
10982115	01	US	Granted	Total Internal Reflection Optical Switch	09/470878	12/22/99			6320994	11/20/01
10982115	02	JP	Pending	Total Internal Reflection Optical Switch	P2000-389247	12/21/00				
10982115	03	EP	Published	Total Internal Reflection Optical Switch	00118509.9	8/25/00	1111419	6/27/01		
10982203	01	US	Granted	A Test Efficient Method Of Classifying Image Quality Of An Optical Sensor Using Three Categories Of Pixels	09/183143	10/30/98			6593961	7/15/03
10982203	02	JP	Pending	Test Efficient Method Of Classifying Image Quality Of An Optical Sensor Using Three Categories Of Pixels	PH11-304241	10/26/99				
10982203	04	DE	Granted	Test Efficient Method Of Classifying Image Quality Of An Optical Sensor Using Three Categories Of Pixels	99115492.3	8/5/99	0997845	6/25/03	69923048.9	1/5/05
10982203	05	FR	Granted	Test Efficient Method Of Classifying Image Quality Of An Optical Sensor Using Three Categories Of Pixels	99115492.3	8/5/99	0997845	6/25/03	0997845	1/5/05
10982203	06	GB	Granted	Test Efficient Method Of Classifying Image Quality Of An Optical Sensor Using Three Categories Of Pixels	99115492.3	8/5/99	0997845	6/25/03	0997845	1/5/05
10982209	01	US	Granted	Integrated Circuit With Scan Flip-Flop	09/585366	6/1/00			6380780	4/30/02
10982243	01	US	Granted	Optical Switch Having Test Ports	09/293044	4/16/99			6198856	3/6/01
10982243	02	JP	Pending	Optical Switch Having Test Ports	P2000-113365	4/14/00				
10982244	01	US	Granted	Fault Tolerant Optical Switch	09/293329	4/16/99			6160928	12/12/00

10982244	02	JP	Pending	Fault Tolerant Optical Switch	P2000-113366	4/14/00						
10982289	01	US	Granted	Method For Fabricating Dual Gate Dielectric Layers	09/299332	4/26/99				6265325	7/24/01	
10982303	01	US	Granted	Method For Determining Optimum Pressure For Forming A Bubble In Liquid	09/379380	8/23/99				6377873	4/23/02	
10982303	02	JP	Pending	Method For Determining Optimum Pressure For Forming A Bubble In Liquid	P2000-250511	8/22/00	2001-14201	5/25/01				
10982303	04	DE	Granted	Method For Determining Optimum Pressure For Forming A Bubble In Liquid.	00113907.0	6/30/00	1078681	10/15/03	1078681	1078681	9/14/05	
10982303	05	FR	Granted	Method For Determining Optimum Pressure For Forming A Bubble In Liquid.	00113907.0	6/30/00	1078681	10/15/03	1078681	1078681	9/14/05	
10982303	06	GB	Granted	Method For Determining Optimum Pressure For Forming A Bubble In Liquid.	00113907.0	6/30/00	1078681	10/15/03	1078681	1078681	9/14/05	
10982334	01	US	Granted	Thermally Matched Gradient Heat Sink	09/507507	2/18/00				6763881	7/20/04	
10982334	02	JP	Pending	Thermally Matched Fan Assisted Heat Sink Device	P2001-029948	2/6/01						
10982349	01	US	Granted	Solid State Illumination Source Utilizing Dichroic Reflectors	09/239572	1/29/99				6273589	8/14/01	
10982349	02	JP	Pending	Solid State Illumination Source Utilizing Dichroic Reflectors	P2000-005565	1/14/00						
10982349	03	EP	Published	Solid State Illumination Source Utilizing Dichroic Reflectors	99116907.9	8/26/99	1024539	8/4/04				
10982350	01	US	Granted	Projector Light Source Utilizing A Solid State Green Light Source	09/240284	1/29/99				6212213	4/3/01	
10982350	02	JP	Pending	Projector Light Source Utilizing A Solid State Green Light Source	PH11-357274	12/16/99						
10982350	04	DE	Granted	Projector Light Source Utilizing A Solid State Green Light Source	99116908.7	8/26/99	1024399	8/2/00	1024399	1024399	12/14/05	
10982350	05	FR	Granted	Projector Light Source Utilizing A Solid State Green Light Source	99116908.7	8/26/99	1024399	8/2/00	1024399	1024399	12/14/05	
10982350	06	GB	Granted	Projector Light Source Utilizing A Solid State Green Light Source	99116908.7	8/26/99	1024399	8/2/00	1024399	1024399	12/14/05	
10982351	01	US	Granted	Solid State Based Illumination Source For A Projection Display	09/240198	1/29/99				6364487	4/2/02	
10982351	02	JP	Pending	Solid State Based Illumination Source For A Projection Display	PH11-362452	12/21/99						
10982351	03	EP	Published	Solid State Based Illumination Source For A Projection Display	00101439.8	1/25/00	1024669	8/2/00				
10982358	01	US	Granted	Cooling Apparatus For Electronic Devices	09/471835	12/23/99				6360816	3/26/02	
10982358	02	JP	Pending	Cooling Apparatus For Electronic Devices	P2000-385663	12/19/00						
10982358	03	US	Granted	Cooling Apparatus For Electronic Devices	10/006412	12/3/01	0038699	4/4/02	6561261	5/13/03		
10982389	02	EP	Published	CMOS Image Sensor With Extended Dynamic Range	01127760.5	11/21/01	1233612	8/21/02				
10982389	03	JP	Pending	CMOS Image Sensor With Extended Dynamic Range	P2002-037631	2/15/02	2002-27170	9/20/02				
10982399	01	US	Granted	Determining Waveguide Positions And Angles For Efficient Reflective Coupling	09/590754	6/8/00				6470109	10/22/02	
10982399	02	EP	Published	Determining Waveguide Positions And Angles For Efficient Reflective Coupling	01106813.7	3/19/01	1162483	6/9/04				
10982399	03	JP	Pending	Determining Waveguide Positions And Angles For Efficient Reflective Coupling	P2001-155578	5/24/01	2002-00624	1/9/02				
10982402	01	US	Pending	Amorphous Semiconductor Open Base Phototransistor Array	09/795608	2/28/01	0117682	8/29/02				
10982402	02	JP	Pending	Amorphous Semiconductor Open Base Phototransistor Array	P2002-039731	2/18/02						
10982402	03	EP	Published	Amorphous Semiconductor Open Base Phototransistor Array	01127030.3	11/14/01	1237197	6/22/05				
10982403	01	US	Granted	Ferroelectric Random Access Memory Device Including Shared Bit Lines And Fragmented Plate Lines	09/335204	6/17/99				6137711	10/24/00	
10982407	01	US	Pending	Low Cost,High Speed, High Efficiency Infrared Transceiver	09/452036	11/30/99						
10982407	02	JP	Pending	Low Cost,High Speed, High Efficiency Infrared Transceiver	P2000-360216	11/27/00						
10982407	03	DE	Pending	Low Cost,High Speed, High Efficiency Infrared Transceiver	10058949.9	11/28/00	10058949	7/12/01				
10982407	04	GB	Granted	Low Cost,High Speed, High Efficiency Infrared Transceiver	0028481.0	11/22/00	2360656	9/26/01	2360656	2360656	1/14/04	
10982413	01	US	Granted	Amplifier Circuit With A Switch Bypass	09/390807	9/7/99				6211729	4/3/01	
10982413	02	JP	Granted	Amplifier Circuit With A Switch Bypass	P2000-267969	9/5/00	2001102880	4/13/01	P3476758	9/26/03		

10982413	03	DE	Published	Amplifier Circuit With A Switch Bypass	10034864.5	7/18/00	10034864	4/19/01		
10982413	04	GB	Granted	Amplifier Circuit With A Switch Bypass	0021519.4	9/1/00	2356503	5/23/01	2356503	2/25/04
10982429	01	US	Granted	Barrier Layers For Ferroelectric Memory Devices	09/420989	10/20/99			6525357	2/25/03
10982429	02	JP	Pending	Barrier Layers Ferroelectric Memory Devices	P2000-321820	10/20/00				
10982429	03	EP	Published	Barrier Layers For Ferroelectric Memory Devices	00117439.0	8/11/00	1094507	1/2/02		
10990005	01	US	Granted	Oriented Rhombohedral Composition Of PbZr1-xTiXO3 Thin Films For Low Voltage Operation Ferroelectric RAM	09/570185	5/12/00			6396094	5/28/02
10990005	02	JP	Pending	Oriented Rhombohedral Composition Of PbZr1-xTiXO3 Thin Films For Low Voltage Operation Ferroelectric RAM	P2001-140880	5/11/01				
10990005	03	EP	Published	Oriented Rhombohedral Composition Of PbZr1-xTiXO3 Thin Films For Low Voltage Operation Ferroelectric RAM	01110358.7	4/26/01	1160870	6/15/05		
10990032	01	US	Granted	Demountable Heat Spreader And High Reliability Flip Chip Package Assembly	09/326339	6/7/99			6191478	2/20/01
10990042	01	US	Granted	Programmable LED Driver Pad	09/303797	4/30/99			6286000	7/24/01
10990042	02	JP	Pending	Programmable LED Driver Pad	P2000-127875	4/27/00				
10990042	03	EP	Published	Programmable LED Driver Pad	00106754.5	3/29/00	1049360	12/3/03		
10990042	04	KR	Pending	Programmable LED Driver Pad	2000.0022401	4/30/00				
10990060	01	US	Granted	Processor Polymers For The Electrochemical Deposition Of Electrically Conducting Polymer Films	09/401665	9/22/99			6552101	4/22/03
10990070	01	US	Granted	Insertion Of Spare Logic Gates Into The Unused Spaces Between Individual Gates In Standard Cell Artwork	09/346568	7/1/99			6321371	11/20/01
10990072	01	US	Granted	Temperature Controlled Chemical Mechanical Polishing Method And Apparatus	09/490519	1/25/00			6227939	5/8/01
10990072	02	JP	Pending	Temperature Controlled Chemical Mechanical Polishing Method And Apparatus	P2001-016855	1/25/01	2001-23022	8/24/01		
10990072	03	SG	Pending	Temperature Controlled Chemical Mechanical Polishing Method And Apparatus	200100083-5	1/23/01				
10990072	04	TW	Granted	Temperature Controlled Chemical Mechanical Polishing Method And Apparatus	89114549	7/20/00	467800	12/11/01	148074	4/26/02
10990072	05	KR	Pending	Temperature Controlled Chemical Mechanical Polishing Method And Apparatus	2001-0003080	1/25/00				
10990087	01	US	Granted	A Method For Increasing Power Supply Bypassing While Decreasing Chip Layer Density Variations	09/204021	12/1/98			6118169	9/12/00
10990087	02	JP	Pending	Method For Increasing Power Supply Bypassing While Decreasing Chip Layer Density Variations	PH11-334171	11/25/99				
10990087	04	KR	Pending	Method For Increasing Power Supply Bypassing While Decreasing Chip Layer Density Variations	99.0054179	12/1/99				
10990091	01	US	Granted	Digital Magnetic Read Channel And Method	09/262405	3/4/99			6049478	4/11/00
10990091	02	JP	Pending	Digital Magnetic Read Channel And Method	P2000-059112	3/3/00				
10990091	03	EP	Published	Digital Magnetic Read Channel And Method	00301179.8	2/16/00	1033670	5/9/01		
10990107	01	US	Granted	Method For Depositing Electrically Conducting Polymer Films Via Electrochemical Deposition Of Precursor Polymers	09/401666	9/22/99			6294245	9/25/01
10990107	02	US	Granted	Method For Depositing Electrically Conducting Polymer Films Via Electromechanical Deposition Of Precursor Polymers	09/919072	9/11/01	0011420	1/31/02	6533918	3/18/03
10990159	01	US	Granted	A Stacked Multiple Photosensor Structure Including Independent Electrical Connections To Each Photosensor	09/304433	5/3/99			6373117	4/16/02
10990159	02	JP	Pending	A Stacked Multiple Photosensor Structure Including Independent Electrical Connections To Each Photosensor	P2000-132296	5/1/00				
10990159	03	EP	Published	A Stacked Multiple Photosensor Structure Including Independent Electrical Connections To Each Photosensor	00303670.4	5/2/00	1050907	12/19/01		
10990181	01	US	Granted	Method For Reducing Leakage Currents Of Active Area Diodes And Source/Drain Diffusions	09/517635	3/3/00			6350663	2/26/02
10990181	02	JP	Pending	Method And Structure For Reducing Leakage Currents Of Active Area Diodes And Source/Drain Diffusions	P2001-056673	3/1/01	2001-30830	11/2/01		

10990181	03	EP	Published	Method And Structure For Reducing Leakage Currents Of Active Area Diodes And Source/Drain Diffusions	01300708.3	1/26/01	1130638	10/15/03		
10990181	04	US	Granted	Method Of Manufacturing A Structure For Reducing Leakage Currents By Providing Isolation Between Adjacent Regions Of An Integrated Circuit	09/863851	5/22/01			6417074	7/9/02
10990181	05	US	Granted	An Integrated Circuit Device Providing Isolation Between Adjacent Regions	09/863854	5/22/01			6437379	8/20/02
10990218	01	US	Granted	Optical Cross-Switch Signal Monitoring Method And System Therefor	09/894169	6/27/01	0002030	1/3/03	6509961	1/21/03
10990218	02	JP	Pending	Optical Cross-Switch Signal Monitoring Method And System Therefor	P2002-187953	6/27/02	2003-09097	3/28/03		
10990230	02	JP	Pending	Method And Apparatus For Eliminating Shoot-Through Events During Master-Slave Flip-Flop Scan Operations	P2000-019420	1/28/00				
10990230	04	US	Granted	A Method And Apparatus For Eliminating Shoot-Through Events During Master-Slave Flip-Flop Scan Operations	09/241343	2/1/99	0000861	1/3/02	6380785	4/30/02
10990230	05	DE	Granted	Method And Apparatus For Eliminating Shoot-Through Events During Master-Slave Flip-Flop Scan Operations	00300706.9	1/31/00	1028322	8/16/00	60007196.0	12/17/03
10990230	06	FR	Granted	Method And Apparatus For Eliminating Shoot-Through Events During Master-Slave Flip-Flop Scan Operations	00300706.9	1/31/00	1028322	8/16/00	1028322	12/17/03
10990230	07	GB	Granted	Method And Apparatus For Eliminating Shoot-Through Events During Master-Slave Flip-Flop Scan Operations	00300706.9	1/31/00	1028322	8/16/00	1028322	12/17/03
10990231	01	US	Granted	An Electroluminescent Display Based On Electrochemically Deposited Polymer Films And A Method For Constructing	09/401691	9/22/99			6627331	9/30/03
10990242	01	US	Granted	Integrated Circuit With Scan Test Structure	09/450469	11/29/99			6587981	7/1/03
10990243	01	US	Granted	Optical Switching Device And Method Utilizing Fluid Pressure Control To Improve Switching Characteristics	09/348979	7/7/99			6188815	2/13/01
10990243	02	JP	Pending	Optical Switching Device And Method Utilizing Fluid Pressure Control To Improve Switching Characteristics	P2000-207417	7/7/00				
10990244	01	US	Granted	Thermally Actuated Optical Add/Drop Switch	09/501351	2/9/00			6396972	5/28/02
10990244	02	JP	Pending	Thermally Actuated Optical Add/Drop Switch	P2001-032940	2/8/01				
10990246	01	US	Granted	Optical Switching Node And Method For Operating Same	09/470087	12/22/99			6587240	7/1/03
10990246	02	JP	Pending	Optical Switching Node And Method For Operating Same	P2000-390435	12/22/00	2001-23073	8/24/01		
10990246	03	EP	Published	Optical Switching Node And Method For Operating Same	00118498.5	8/25/00	1111953	9/15/04		
10990248	01	US	Granted	Organic Light Emitting Diodes And Methods For Making Same	09/353709	7/14/99			6366017	4/2/02
10990260	01	US	Granted	Multi-Function Controlled Impedance Output Driver	09/298228	4/22/99			6194924	2/27/01
10990260	02	US	Granted	Integrated Circuit With Multi-Function Controlled Impedance Output Drivers (As Amended)	09/753966	1/2/01			6373300	4/16/02
10990286	01	US	Granted	Method And Apparatus For Efficient Calculation Of An Approximate Square Of A Fixed-Precision Number	09/299196	4/23/99			6298368	10/2/01
10990286	02	JP	Pending	Method And Apparatus For Efficient Calculation Of An Approximate Square Of A Fixed-Precision Number	P2000-119747	4/20/00				
10990286	03	EP	Published	Method And Apparatus For Efficient Calculation Of An Approximate Square Of A Fixed-Precision Number	00302861.0	4/5/00	1049002	7/17/02		
10990307	01	US	Granted	Isolated Reference Bias Generator With Reduced Error Due To Parasitics	09/408737	9/29/99			6326836	12/4/01
10990310	02	JP	Pending	Vertical Cavity Surface Emitting Laser (VCSEL) Having Undoped Distributed Bragg Reflectors And Using Lateral Current Injection And Method For Maximizing Optical Cavity Loss	P2000-266531	9/4/00	2001-09420	4/6/01		
10990321	01	JP	Published	Photolithography For GaN Based Device	PH11-041595	2/19/99	2000243688	9/8/00		
10990321	02	WO	Pending	Photolithography Method And Apparatus Configuration For Performing Photolithography	US00/03265	2/8/00	00/49464	8/24/00		

10990321	03	TW	Granted	Photolithography Method And Apparatus Confoguration For Performing Photolithography	89102835	2/18/00			144498	3/7/02
10990321	04	EP	Pending	Method For Performing Photolithography	00908547.3	8/17/01	1169670	1/9/02		
10990321	05	US	Granted	Method Of Performing Photolithography	09/933479	8/16/01	0001779	8/16/01	6696223	2/24/04
10990337	01	US	Granted	Low Noise Amplifier Circuit With An Isolating Switch Topology	09/447617	11/23/99			6118338	9/12/00
10990361	02	US	Pending	Image Sensor Packaging With Imaging Optics	09/715794	11/16/00				
10990367	01	US	Granted	Cooling Apparatus For Electronic Devices	09/253877	2/22/99			6176299	1/23/01
10990367	02	JP	Pending	Cooling Apparatus For Electronic Devices	P2000- 043123	2/21/00				
10990367	03	US	Granted	Cooling Apparatus For Electronic Devices And Method	09/723570	11/28/00			6401808	6/11/02
10990371	01	US	Granted	Master-Slave Flip-Flop And Method	09/235189	1/22/99			6188260	2/13/01
10990371	02	JP	Pending	Master-Slave Flip-Flop And Method	P2000- 010966	1/19/00				
10990372	01	US	Granted	Cooling Device	29/125793	6/29/00			D454947	3/26/02
10990372	02	US	Granted	Cooling Device	29/149813	10/17/01			D476072	6/17/03
10990372	03	US	Granted	Cooling Device	29/167644	9/18/02			D489441	5/4/04
10990372	04	US	Granted	Cooling Device	29/186246	7/10/03			D489804	5/11/04
10990373	01	US	Granted	Cooling Device	29/110045	9/3/99			D428857	8/1/00
10990374	02	US	Granted	Cooling Device	29/130200	9/28/00			D455407	4/9/02
10990394	01	US	Tracking	Alternating Wash/Dry Water Scrubber Entry	08/870705	6/6/97			5882366	3/16/99
10990466	01	US	Granted	Digital Imaging Circuit And Method	09/371745	8/10/99			6734897	5/11/04
10990466	02	JP	Granted	Improved Digital Imaging Circuit And Method	P2000- 243361	8/10/00			P3481193	10/10/03
10990466	03	EP	Published	Improved Digital Imaging Circuit And Method	00306302.1	7/20/00	1076453	3/20/02		
10990466	04	TW	Granted	Improved Digital Imaging Circuit And Method	89109265	5/15/00			148325	5/1/02
10990466	05	KR	Pending	Improved Digital Imaging Circuit And Method	2000-0046027	8/9/00				
10990466	06	CN	Pending	Improved Digital Imaging Circuit And Method	00122651.7	8/10/00	1297305	5/30/01		
10990466	07	MY	Pending	Improved Digital Imaging Circuit And Method	PI20002512	6/5/00				
10990466	08	SG	Pending	Improved Digital Imaging Circuit And Method	200004114-5	7/21/00				
10990540	01	US	Granted	System And Method For Interfacing Data Stored On A Magentic Strip	09/294239	4/19/99			6233104	5/15/01
10990540	02	EP	Published	System And Method For Interfacing Data Stored On A Manetic Strip	00301178.0	2/16/00	1047013	8/28/02		
10990577	01	US	Granted	Circuit And Method For A High Gain, Low Input Capacitance Clock Buffer	09/272042	3/18/99			6181182	1/30/01
10990577	02	JP	Pending	Circuit And Method For A High Gain, Lower Input Capacitance Clock Buffer	P2000- 068246	3/13/00				
10990612	01	US	Granted	Pixel Driver That Generates, In Response To A Digital Input Value, A Pixel Drive Signal Having A Duty Cycle That Determines The Apparent Brightness Of The Pixel	09/409236	9/30/99			6441829	8/27/02
10990612	02	JP	Pending	Pixel Driver That Generates, In Response To A Digital Input Value, A Pixel Drive Signal Having A Duty Cycle That Determines The Apparent Brightness Of The Pixel	P2000- 302948	10/2/00				
10990612	03	EP	Published	Pixel Driver That Generates, In Response To A Digital Input Valve, A Pixel Drive Signal Having A Duty Cycle That Determines The Apparent Brightness Of The Pixel	00114429.4	7/5/00	1091343	9/22/04		
10990613	01	JP	Pending	Light Activated Switch	PH11-172748	6/18/99				
10990613	02	US	Granted	Photoconductive Relay, And Method Of Making Same	09/595771	6/16/00			6407401	6/18/02
10990613	03	EP	Published	Photo-Conductive Relay And Method Of Maing Same	00305059.8	6/15/00	1061588	5/15/02		
10990613	04	US	Granted	Photocondcutive Relay And Method Of Making Same	10/122065	4/11/02	0109109	8/15/02	6586269	7/1/03
10990669	01	US	Granted	System And Method For Reducing Phase Error In Clocks Produced By A Delay Locked Loop	09/271551	3/18/99			6131168	10/10/00
10990669	02	JP	Pending	System And Method For Reducing Phase Error In Clocks Produced By A Delay Locked Loop	P2000- 076669	3/17/00				
10990684	02	JP	Pending	Apparatus And Method For Protecting Integrated Circuit Charge Storage Elements From Photo- Induced Currents	P2001- 089146	3/27/01	2001-35204	12/21/01		
10990684	03	EP	Published	Apparatus And Method For Protecting Integrated Circuit Charge Storage Elements From Photo- induced Currents	01101073.3	1/18/01	1139417	7/14/04		
10990684	04	US	Granted	Apparatus And Method For Protecting Integrated Circuit Charge Storage Elements From Photo- Induced Currents	09/539490	3/30/00	0075770	4/24/03	6586283	7/1/03

10990686	01	US	Granted	MICROCAP Wafer-Level Package	09/359844	7/23/99			6265246	7/24/01
10990686	02	JP	Pending	Microcap Wafer-Level Package	P2000-222127	7/24/00				
10990686	03	EP	Published	Microcap Wafer-Level Package	00107697.5	4/10/00	1070677	7/7/04		
10990701	01	US	Granted	Ferroelectric Random Access Memory Device Including Active Read/Write Circuit	09/335241	6/17/99			6061266	5/9/00
10990726	02	US	Granted	Image Sensor Packaging With Package Cavity Sealed By The Imaging Optics	09/717185	11/20/00			6683298	1/27/04
10990736	01	US	Granted	A Self-Aligned Metal Electrode Structure For Elevated Sensors	09/326340	6/7/99			6384460	5/7/02
10990736	02	US	Granted	Fabrication Of Self Aligned Metal Electrode Structure For Elevated Sensors	09/634026	8/8/00			6376275	4/23/02
10990737	01	US	Granted	An Improved Interlayer Dielectric For Passivation Of An Elevated Integrated Circuit Sensor Structure	09/306238	5/6/99			6051867	4/18/00
10990737	02	JP	Pending	An Improved Interlayer Dielectric For Passivation Of An Elevated Integrated Circuit Sensor Structure	P2000-127497	4/27/00	2001-02405	1/26/01		
10990737	03	EP	Published	An Improved Interlayer Dielectric For Passivation Of An Elevated Integrated Circuit Sensor Structure	00303822.1	5/8/00	1052698	8/29/01		
10990758	01	US	Granted	Apparatus For The Reduction Of Interfacial Stress Caused By Differential Thermal Expansion In An Integrated Circuit Package	09/369898	8/6/99			6320754	11/20/01
10990758	02	JP	Pending	Apparatus For The Reduction Of Interfacial Stress Caused By Differential Thermal Expansion In An Integrated Circuit Package	P2000-228296	7/28/00				
10990758	03	GB	Granted	Apparatus For The Reduction Of Interfacial Stress Caused By Differential Thermal Expansion In An Integrated Circuit Package	0017054.8	7/11/00	2356084	5/9/01	2356084	10/22/03
10990758	04	DE	Granted	Apparatus For The Reduction Of Interfacial Stress Caused By Differential Thermal Expansion In An Integrated Circuit Package	10034309.0	7/14/00	10034309	4/5/01	10034309	3/4/04
10990758	05	TW	Granted	Apparatus For The Reduction Of Interfacial Stress Caused By Differential Thermal Expansion In An Integrated Circuit Package	89109865	5/22/00	497233	8/1/02	161004	12/3/02
10990758	06	KR	Pending	Apparatus For The Reduction Of Interfacial Stress Caused By Differential Thermal Expansion In An Integrated Circuit Package	2000-0045190	8/4/00				
10990799	01	US	Granted	Loss Equalization By Means Of Port Interconnectivity In A Multistage Optical Switch	09/372357	8/11/99			6320995	11/20/01
10990799	02	JP	Pending	Loss Equalization By Means Of Port Interconnectivity In Multistage Optical Switch	P2000-239386	8/8/00				
10990887	02	JP	Pending	Electro-Optical Material-Based Display Device	P2000-251696	8/22/00				
10990887	03	EP	Published	Electro-Optical Material-Based Display Device	00113904.7	6/30/00	1079258	10/20/01		
10990887	04	US	Granted	Electro-Optical Material-Based Display Device	09/379373	8/23/99	0054266	5/9/02	6721029	4/13/04
10990888	01	US	Granted	System And Method For On-Chip Calibration Of Illumination Sources For An Integrated Circuit Display	09/372359	8/11/99			6344641	2/5/02
10990888	02	JP	Pending	System And Method For On-Chip Calibration Of Illumination Sources For An Integrated Circuit Display	P2000-242859	8/10/00				
10990911	01	US	Granted	OLED Display Device And Method For Patterning Cathodes Of The Device	09/528413	3/17/00			6191433	2/20/01
10990911	02	JP	Pending	OLED Display Device And Method For Patterning Cathodes Of The Device	P2001-077612	3/19/01	2001-26708	9/28/01		
10990911	03	EP	Published	OLED Display Device And Method For Patterning Cathodes Of The Device	01100987.5	1/17/01	1134816	8/11/04		
10990949	01	US	Granted	Personal Viewing Device With System For Providing Identification Information To A Connected System	09/519712	3/7/00			6735328	5/11/04
10990949	02	JP	Pending	Personal Viewing Device With System For Providing Identification Information To A Connected System	P2001-060448	3/5/01				
10990949	03	EP	Published	Personal Viewing Device With System For Providing Identification Information To A Connected System	01101387.7	1/22/01	1132870	10/29/03		
10990972	01	US	Unfiled	Using Processing To Implement Data Decompression On Microdisplays						
10990973	01	US	Pending	Three Dimensional Alterable Signage	09/653122	8/31/00				
10990975	01	US	Granted	Microdisplay System	09/563177	5/2/00			6362861	3/26/02
10990975	02	JP	Pending	Microdisplay System	P2001-128954	4/26/01	2002-04042	2/6/02		
10990975	04	DE	Granted	Microdisplay System	01106691.7	3/16/01	1152283	6/25/03	1152283	8/24/05
10990975	05	FR	Granted	Microdisplay System	01106691.7	3/16/01	1152283	6/25/03	1152283	8/24/05

10990975	06	GB	Granted	Microdisplay System	01106691.7	3/16/01	1152283	6/25/03	1152283	8/24/05
10990977	01	US	Pending	Systems And Method For Displaying Images With Reduced Power Consumption	10/402071	3/26/03				
10990995	01	US	Granted	Optical Barrier	09/356560	7/19/99			6326601	12/4/01
10990995	02	JP	Pending	Optical Barrier	P2000-207353	7/7/00				
10990995	04	DE	Published	Optical Barrier	10033144.0	7/7/00	10033144	1/4/01		
10990995	06	KR	Pending	Optical Barrier	2000.0040915	7/18/00				
10991002	01	JP	Pending	Nitride Semiconductor Devices	PH11-203930	7/16/99				
10991002	02	WO	Pending	Nitride Semiconductor Layer Structure And A Nitride Semiconductor Laser Incorporating A Portion Of Same	US00/19387	7/14/00	01/06608	1/25/01		
10991002	03	TW	Granted	Nitride Semiconductor Layer Structure And A Nitride Semiconductor Laser Incorporating A Portion Of Same	89114188	8/31/00			149018	5/10/02
10991002	04	US	Granted	Nitride Semiconductor Layer Structure And A Nitride Semiconductor Laser Incorporating A Portion Of Same	10/040328	12/19/01	0213309	10/28/04	6829273	12/7/04
10991002	06	CN	Granted	Nitride Semiconductor Layer Structure	00810470.0	7/14/00	1361933	7/31/02	ZL00810470.0	3/16/05
10991002	07	KR	Pending	Nitride Semiconductor Layer Structure	2002-7000602	7/14/00				
10991002	08	DE	Granted	Nitride Semiconductor Layer Structure	00948705.9	1/16/02	1196971	4/17/02	60014097.0	9/22/04
10991002	09	FR	Granted	Nitride Semiconductor Layer Structure	00948705.9	1/16/02	1196971	4/17/02	1196971	9/22/04
10991002	10	GB	Granted	Nitride Semiconductor Layer Structure	00948705.9	1/16/02	1196971	4/17/02	1196971	9/22/04
10991028	01	US	Granted	Integrated Circuit Testing	09/418748	10/15/99			6378092	4/23/02
10991033	01	US	Granted	Image Screen And Method Of Forming Anti-Reflective Layer Thereon	09/368485	8/4/99			6594079	7/15/03
10991033	02	JP	Pending	Fabrication Of Improved Projection Screen	P2000-220081	7/21/00				
10991033	03	EP	Published	Image Screen And Method Of Forming Anti-reflective Layer Thereon	00113903.9	6/30/00	1074882	2/7/01		
10991035	01	US	Granted	Method And System For Compensating For Defects In A Multi-Light Valve Display System	09/435094	11/5/99			6359662	3/19/02
10991035	02	JP	Pending	Method And System For Compensating For Defects In A Multi-Light Valve Display System	P2000-326552	10/26/00	2001-18851	7/10/01		
10991035	04	DE	Granted	Method And System For Compensating For Defects In A Multi-light Valve Display System	00123555.5	10/27/00	1098291	2/6/02	60018013.1	2/9/05
10991035	05	FR	Granted	Method And System For Compensating For Defects In A Multi-light Valve Display System	00123555.5	10/27/00	1098291	2/6/02	1098291	2/9/05
10991035	06	GB	Granted	Method And System For Compensating For Defects In A Multi-light Valve Display System	00123555.5	10/27/00	1098291	2/6/02	1098291	2/9/05
10991081	01	US	Granted	System And Method For Providing Temperature Control For A Thermally Activated Optical Switch Using Constant Total Power	09/510100	2/22/00			6327397	12/4/01
10991081	02	JP	Pending	System And Method For Providing Temperature Control For A Thermally Activated Optical Switch Using Constant Total Power	P2001-041745	2/19/01				
10991081	04	DE	Granted	System And Method For Providing Temperature Control For A Thermally Activated Optical Switch Using Constant Total Power	00123273.5	10/26/00	1130443	6/12/02	60012473.8	7/28/04
10991081	05	FR	Granted	System And Method For Providing Temperature Control For A Thermally Activated Optical Switch Using Constant Total Power	00123273.5	10/26/00	1130443	6/12/02	1130443	7/28/04
10991081	06	GB	Granted	System And Method For Providing Temperature Control For A Thermally Activated Optical Switch Using Constant Total Power	00123273.5	10/26/00	1130443	6/12/02	1130443	7/28/04
10991096	01	US	Granted	System And Method For Manufacturing Liquid Crystal Micro Displays	09/842100	4/25/01	0159020	10/31/02	6750939	6/15/04
10991096	02	EP	Published	System And Method For Manufacturing Liquid Crystal Micro Displays	02001248.0	1/17/02	1253460	10/22/03		
10991096	03	JP	Pending	System And Method For Manufacturing Liquid Crystal Micro Displays	P2002-107797	4/10/02	2003-00520	1/8/03		
10991103	01	US	Granted	Low-Stress Interface Between Materials Having Different Thermal Coefficients Of Expansion And Method For Fabricating Same	09/415286	10/8/99			6238805	5/29/01
10991103	02	JP	Pending	Low-Stress Interface Between Materials Having Different Thermal Coefficients Of Expansion And Method For Fabricating Same	P2000-305635	10/5/00	2001-15039	6/5/01		
10991104	01	US	Granted	Planar Lightwave Circuit-Based Optical Switches Using Micromirrors In Trenches	09/407542	9/28/99			6195478	2/27/01

10991104	02	JP	Pending	Planar Lightwave Circuit Based Optical Switches Using Micromirrors In Trenches	P2000-294499	9/27/00						
10991104	03	EP	Published	Planar Lightwave Circuit Based Optical Switches Using Micromirrors	00114440.1	7/5/00	1089108	1/21/04				
10991110	01	US	Granted	Apparatus And Method For Color Illumination In Display Devices	09/545573	4/7/00				6473092	10/29/02	
10991111	01	US	Granted	Liquid Crystal Apron And Skirt Isolation For Silicon Micro Displays	09/535372	3/24/00				6330099	12/11/01	
10991131	01	US	Granted	Optical Switch Controlled By Selective Activation And Deactivation Of An Optical Source	09/966693	9/27/01	0210848	11/13/03	6674933	1/6/04		
10991171	01	US	Granted	Active Matrix Light Emitting Diode Display	09/428338	10/27/99			6392617	5/21/02		
10991171	02	JP	Pending	Active Matrix Light Emitting Diode Display	P2000-312175	10/12/00	2001-14766	5/29/01				
10991171	03	EP	Published	Active Matrix Light Emitting Diode Display	00309277.2	10/20/00	096466	5/2/01				
10991173	01	US	Granted	Free Space Optical Switch With Lens For Re-Collimating The Light	09/517943	3/3/00			6366715	4/2/02		
10991173	02	JP	Pending	Free Space Optical Switch With Lenses For Re-Collimating The Light	P2001-053536	2/28/01						
10991173	03	EP	Published	Free Space Optical Switch With Lens For Re-collimating The Light	01100986.7	1/17/01	1162856	9/15/04				
10991188	01	US	Granted	System And Method For Encoding An Input Data Stream By Utilizing A Predictive Look-Ahead Feature	09/757101	1/8/01	0126027	9/12/02	6501404	12/31/02		
10991188	02	EP	Published	System And Method For Encoding An Input Data Stream By Utilizing A Predictive Look-Ahead Feature	01122399.7	9/19/01	1227595	1/28/04				
10991188	03	JP	Pending	System And Method For Encoding An Input Data Stream By Utilizing A Predictive Look-Ahead Feature	P2002-001350	1/8/02	2002-26161	9/13/02				
10991201	01	US	Granted	Bistable Light Path Device	09/755527	1/5/01	0090189	7/11/02	6470105	10/22/02		
10991201	03	JP	Pending	Bistable Light Path Device	P2001-376842	12/11/01						
10991202	01	US	Granted	A Polarization Independent Light Switching Device Based On Liquid Crystals	09/334483	6/16/99			6208774	3/27/01		
10991202	02	JP	Pending	Polarization Independent Light Switching Device Based On Liquid Crystals	P2000-176992	6/13/00						
10991202	04	FR	Granted	A Polarization Independent Light Switching Device Based On Liquid Crystals	00111581.5	5/30/00	1061406	1/28/04	1061406	3/23/05		
10991202	05	DE	Granted	A Polarization Independent Light Switching Device Based On Liquid Crystals	00111581.5	5/30/00	1061406	1/28/04	60018849.3	3/23/05		
10991202	06	GB	Granted	A Polarization Independent Light Switching Device Based On Liquid Crystals	00111581.5	5/30/00	1061406	1/28/04	1061406	3/23/05		
10991249	01	US	Granted	Organic Electroluminescent Device	09/382025	8/24/99			6552488	4/22/03		
10991249	02	JP	Pending	Organic Electroluminescent Device	P2000-250481	8/22/00	2001-12686	5/11/01				
10991357	01	US	Granted	High-Isolation, Common-Focus, Transmit-Receive Antenna Set	09/567238	5/11/00			6344829	2/5/02		
10991357	02	JP	Pending	High-Isolation, Common-Focus, Transmit-Receive Antenna Set	P2001-140879	5/11/01						
10991357	03	EP	Published	High-Isolation, Common-Focus, Transmit-Receive Antenna Set	01101383.6	1/22/01	1154515	12/17/03				
10991378	01	US	Granted	Conductive Guard Rings For Elevated Active Pixel Sensors	09/443960	11/19/99			6229191	5/8/01		
10991378	02	JP	Pending	Conductive Guard Rings For Elevated Active Pixel Sensors	P2000-352745	11/20/00	2001-21081	8/3/01				
10991378	03	EP	Published	Conductive Guard Rings For Elevated Active Pixel Sensors	00120762.0	9/22/00	1102321	11/26/03				
10991470	01	US	Granted	Optical Detection System For The Detection Of Organic Molecules	09/484330	1/18/00			6325977	12/4/01		
10991472	01	US	Granted	Method And Structure For Uniform Height Solder Bumps On A Semiconductor Wafer	09/415319	10/8/99			6146984	11/14/00		
10991472	02	US	Granted	Method And Structure For Uniform Height Solder Bumps On A Semiconductor Wafer	09/639139	8/15/00			6268656	7/31/01		
10991473	01	US	Granted	Duplexer Incorporating Thin-Film Bulk Acoustic Resonators (FBARs)	09/324618	6/2/99			6262637	7/17/01		
10991473	02	JP	Pending	Duplexer Incorporating Thin-Film Bulk Acoustic Resonators (FBARS)	P2000-160387	5/30/00						
10991473	03	EP	Published	Duplexer Incorporating Thin-Film Bulk Acoustic Resonators (FBARS)	00111389.3	5/26/00	1058383	11/14/01				
10991476	01	US	Granted	Gamma Correction For Displays	09/703418	10/31/00			6700561	3/2/04		
10991507	01	US	Granted	Optical Add/Drop Switch Utilizing A Minimal Number Of Switching Crosspoints	09/591443	6/9/00			6768830	7/27/04		

10991932	02	JP	Pending	Chip-Mounted Enclosure	P2001-046107	2/22/01				
10991932	03	EP	Published	Chip-Mounted Enclosure	00123547.2	10/27/00	1130646	9/5/01		
10991954	01	US	Granted	MICROCAP Wafer-Level Package With Vias	09/360859	7/23/99			6228675	5/8/01
10991954	02	JP	Pending	Microcap Wafer-Level Package With Vias	P2000-222126	7/24/00				
10991954	03	EP	Published	MICROCAP Wafer-Level Package With VIAS	00113697.7	6/28/00	1071126	7/7/04		
10991955	01	US	Granted	MICROCAP Wafer-Level Package	09/415284	10/8/99			6376280	4/23/02
10991955	02	JP	Pending	Microcap	P2000-222128	7/24/00				
10991955	03	EP	Published	MICROCAP Wafer-Level Package	00122781.8	10/19/00	1199744	4/24/02		
10991955	04	US	Granted	Microcap Wafer-Level Package	09/969432	10/1/01	0017713	2/14/02	6429511	8/6/02
10991989	01	US	Granted	A Method Of Integrated Circuit Construction With Port Alignment And Timing Signal Buffering Within A Common Area	09/491900	1/27/00			6734473	5/11/04
10992018	01	US	Granted	Compact Display System	09/563134	5/2/00			6282029	8/28/01
10992049	01	US	Granted	Integrated Circuit With Alternately Selectable State Evaluation Provisions	09/437813	11/10/99			6539507	3/25/03
10992049	02	JP	Pending	Integrated Circuit With Alternately Selectable State Evaluation Provisions	P2000-343198	11/10/00				
10992049	03	DE	Pending	Integrated Circuit With Alternately Selectable State Evaluation Provisions	10052926.7	10/25/00	10052926	6/13/01		
10992104	01	US	Granted	System And Method Of Integrated Circuit Self-Testing Of Circuit Board Connectors	09/438443	11/12/99			6420878	7/16/02
10992136	01	US	Granted	Compact Microdisplay Illumination System	09/604891	6/28/00			6256151	7/3/01
10992301	01	US	Granted	Low Power Single-Ended Voltage Amplifier With Adjustable Gain And Offset For Silicon Micro Displays	09/628469	7/31/00			6720958	4/13/04
10992302	01	US	Granted	Controlled Effective Coupling Coefficients For Film Bulk Acoustic Resonators	09/841234	4/23/01	0153965	10/24/02	6472954	10/29/02
10992302	02	JP	Pending	Controlled Effective Coupling Coefficients For Film Bulk Acoustic Resonators	P2002-121402	4/23/02	2003-02207	1/24/03		
10992302	03	EP	Pending	Controlled Effective Coupling Coefficients For Film Bulk Acoustic Resonators	02005050.6	3/6/02	1253713	10/30/02		
10992303	01	US	Granted	Cavity Spanning Bottom Electrode Of A Substrate-Mounted Bulk Wave Acoustic Resonator	09/566868	5/8/00			6384697	5/7/02
10992303	02	JP	Pending	Cavity Spanning Bottom Electrode Of A Substrate-Mounted Bulk Wave Acoustic Resonator	P2001-137000	5/8/01	2002-14007	5/17/02		
10992303	03	DE	Pending	Cavity Spanning Bottom Electrode Of A Substrate-Mounted Bulk Wave Acoustic Resonator	10119422.0	4/20/01	10119442	11/29/01		
10992303	04	GB	Granted	Cavity Spanning Bottom Electrode Of A Substrate-Mounted Bulk Wave Acoustic Resonator	0108755.0	4/6/01	2367436	4/3/02	2367436	2/4/04
10992460	01	US	Granted	Method And System For Negotiation Of The Highest Common Link Rate Among Nodes Of A Fiber Channel Arbitrated Loop	09/452618	12/1/99			6477171	11/5/02
10992460	02	JP	Pending	Method And System For Negotiation Of The Highest Common Link Rate Among Nodes Of A Fiber Channel Arbitrated Loop	P2000-367761	12/1/00	2001-21119	8/3/01		
10992460	03	DE	Published	Method And System For Negotiation Of The Highest Common Link Rate Among Nodes Of A Fiber Channel Arbitrated Loop	10059814.5	12/1/00	10059814	6/28/01		
10992460	04	GB	Granted	Method And System For Negotiation Of The Highest Common Link Rate Among Nodes Of A Fiber Channel Arbitrated Loop	0029268.0	11/30/00	2363040	12/5/01	2363040	4/28/04
10992461	01	US	Pending	Method And System Increasing Performance Substituting Finite State Machine Control With Hardware-Implemented Data Structure Manipulation	09/494817	1/31/00				
10992461	02	JP	Pending	Method And System Increasing Performance Substituting Finite State Machine Control With Hardware-Implemented Data Structure Manipulation	P2001-024256	1/31/01	2001-27315	10/5/01		
10992461	03	DE	Published	Method And System Increasing Performance Substituting Finite State Machine Control With Hardware-Implemented Data Structure Manipulation	10104209.4	1/31/01	10104209	8/9/01		

10992461	04	GB	Granted	Method And System Increasing Performance Substituting Finite State Machine Control With Hardware-Implemented Data Structure Manipulation	0102122.9	1/26/01	2366026	2/27/02	2366026	3/10/04
10992462	01	US	Granted	Fiber Channel Interface Controller That Performs Non-Blocking Output And Input Fibre Channel Data Frames And Acknowledgement Frames To And From A Fibre Channel	09/474945	12/30/99			6791989	9/14/04
10992462	02	JP	Pending	Fiber Channel Interface Controller That Performs Non-Blocking Output And Input Fibre Channel Data Frames And Acknowledgement Frames To And From A Fibre Channel	P2000-402400	12/28/00				
10992462	03	DE	Published	Fiber Channel Interface Controller That Performs Non-Blocking Output And Input Fibre Channel Data Frames And Acknowledgement Frames To And From A Fibre Channel	10065656.0	12/29/00	10065656	7/12/01		
10992462	04	GB	Granted	Fiber Channel Interface Controller That Performs Non-Blocking Output And Input Fibre Channel Data Frames And Acknowledgement Frames To And From A Fibre Channel	0031361.9	12/21/00	2363041	12/5/01	2363041	4/28/04
10992462	05	GB	Granted	Fiber Channel Interface Controller That Performs Non-Blocking Output And Input Fibre Channel Data Frames And Acknowledgement Frames To And From A Fibre Channel	0404075.4	2/24/04	2395643	5/26/04	2395643	7/7/04
10992464	01	US	Granted	Method And System For Efficient I/O Operation Completion In A Fibre Channel Node	09/475907	12/30/99			6578096	6/10/03
10992464	02	JP	Pending	Method And System For Efficient I/O Operation Completion In A Fibre Channel Node	P2001-000234	1/4/01	2001-23786	8/31/01		
10992464	03	DE	Published	Method And System For Efficient I/O Operation Completion In A Fibre Channel Node	1006591.9	12/29/00	10065691	7/12/01		
10992464	04	GB	Granted	Method And System For Efficient I/O Operation Completion In A Fibre Channel Node	0031365.0	12/21/00	2363551	12/19/01	2363551	11/26/03
10992476	01	US	Granted	Method And System For Efficient I/O Operation Completion In A Fiber Channel Node Using An Application Specific Integrated Circuit And Determining I/O Operation Completion Status Within An Interface Controller	09/475908	12/30/99			6526458	2/25/03
10992476	02	JP	Pending	Method And System For Efficient I/O Operation Completion In A Fiber Channel Node Using An Application Specific Integrated Circuit And Determining I/O Operation Completion Status Within An Interface Controller	P2001-000235	1/4/01	2001-24988	9/14/01		
10992476	03	DE	Published	Method And System For Efficient I/O Operation Completion In A Fiber Channel Node Using An Application Specific Integrated Circuit And Determining I/O Operation Completion Status Within An Interface Controller	10065642.0	12/29/00	10065642	7/12/01		
10992476	04	GB	Granted	Method And System For Efficient I/O Operation Completion In A Fiber Channel Node Using An Application Specific Integrated Circuit And Determining I/O Operation Completion Status Within An Interface Controller	0031363.5	12/21/00	2363550	12/19/01	2363550	10/22/03
10992532	01	US	Granted	Devices, Systems And Methods For Positioning Cursor On Display Device	09/580697	5/30/00			6545666	4/8/03
10992535	01	US	Granted	Devices, Systems And Methods For Position-Locking Cursor On Display Device	09/580702	5/30/00			6788284	9/7/04
10992540	01	US	Granted	Devices, Systems And Methods For Facilitating Positioning Of Cursor On Display Device	09/583182	5/30/00			6795055	9/21/04
10992569	01	US	Granted	Method And Apparatus For Measuring Spectral Content Of LED Light Source And Control Thereof	09/560718	4/27/00			6448550	9/10/02
10992569	02	JP	Pending	Method And Apparatus For Measuring Spectral Content Of LED Light Source And Control Thereof	P2001-112311	4/11/01	2001-33276	11/30/01		
10992569	03	EP	Published	Method And Apparatus For Measuring Spectral Content Of LED Light Source And Control Thereof	01109868.8	4/23/01	1152642	10/29/03		
10992606	01	US	Granted	Fiber Optic Lens System For Coupling Fibers To Surface Mounted Devices	09/517141	3/2/00			6328484	12/11/01
10992606	02	JP	Granted	Fiber Optic Lens System For Coupling Fibers To Surface Mounted Devices	P2001-057952	3/2/01	2001-29645	10/26/01	P3590593	8/27/04

10992606	03	DE	Pending	Fiber Optic Lens System For Coupling Fibers To Surface Mounted Devices	10105943.4	2/9/01	10105943	9/13/01		
10992606	04	GB	Granted	Fiber Optic Lens System For Coupling Fibers To Surface Mounted Devices	0104974.1	2/28/01	2359900	9/5/01	2359900	5/7/03
10992626	01	US	Granted	A Rearrangeable Optical Add/Drop Multiplexor Switch With Low Loss	09/561769	4/29/00			6459828	10/1/02
10992626	02	JP	Pending	A Rearrangeable Optical Add/Drop Multiplexor Switch With Low Loss	P2001-114247	4/12/01	2001-35628	12/26/01		
10992629	01	US	Granted	High Frequency Flat Illuminator For Liquid Crystal Micro-Display	09/585200	6/1/00			6352350	3/5/02
10992640	01	US	Tracking	Ferroelectric Capacitor Plasma Charging Monitor	10/036799	12/21/01			6576922	6/10/03
10992640	02	US	Tracking	Ferroelectric Capacitor Plasma Charging Monitor	09/422332	4/24/03			6806101	10/19/04
10992648	01	US	Granted	Memory Controller With Programmable Address Configuration	09/616286	7/14/00			6684314	1/27/04
10992648	02	JP	Pending	Memory Controller With Programmable Address Configuration	P2001-210099	7/11/01				
10992648	03	SG	Pending	Memory Controller With Programmable Address Configuration	200104086-4	7/13/01				
10992705	01	US	Granted	System And Methods For Maintaining Board Signal Integrity	09/568389	5/10/00			6294931	9/25/01
10992705	02	US	Granted	Systems And Methods For Maintaining Board Signal Integrity	09/921672	8/3/01	0048321	12/6/01	6433576	8/13/02
10992706	01	US	Granted	Systems And Methods For Adjusting Signal Transmission Parameters Of An Integrated Circuit	09/571243	5/16/00			6411121	6/25/02
10992711	01	US	Granted	System And Method For Adjusting Logic Synthesis Based On Power Supply Circuit Models	09/559030	4/27/00			6370678	4/9/02
10992747	01	US	Granted	Process For Fabricating A Top Side Pitted Diode Device	09/587720	6/5/00			6555440	4/29/03
10992747	02	JP	Pending	Process For Fabricating A Top Side Pitted Diode Device	P2001-168632	6/4/01	2002-02602	1/25/02		
10992775	01	US	Granted	Open-Loop Laser Driver Having An Integrated Digital Controller	09/735315	12/12/00	0105982	8/8/02	6947456	9/20/05
10992775	02	JP	Pending	Open-Loop Laser Driver Having An Integrated Digital Controller	P2001-378532	12/12/01	2002-20402	7/19/02		
10992775	03	DE	Published	Open-Loop Laser Driver Having An Integrated Digital Controller	10160927.2	12/12/01	101609127	6/27/02		
10992775	04	GB	Granted	Open-Loop Laser Driver Having An Integrated Digital Controller	0127372.1	11/14/01	2373918	10/2/02	2373918	1/19/05
10992896	01	US	Granted	HYDROGEN-FREE CONTACT ETCH FOR FERROELECTRIC CAPACITOR FORMATION	09/741650	12/19/00			6485988	11/26/02
10992897	01	US	Tracking	A Method Of Patterning Fe RAM Capacitor With A Sidewall During Bottom Electrode Etch	10/222718	8/16/02			6635498	10/21/03
10992898	01	US	Granted	Post-Etch Cleaning Treatment	09/650224	8/31/00			6692976	2/17/04
10992898	02	JP	Pending	Post-Etch Cleaning Treatment	P2001-250341	8/21/01	2002-15148	5/24/02		
10992898	03	EP	Published	Post-Etch Cleaning Treatment	01119044.4	8/7/01	1195803	12/10/03		
10992898	04	EP	Published	Post-Etch Cleaning Treatment	04012770.6	5/28/04	1453085	9/15/04		
10992898	05	EP	Published	Post-Etch Cleaning Treatment	04012769.8	5/28/04	1453084	9/15/04		
10992899	01	US	Tracking	Hardmask Designs For Dry Etching Fe RAM Capacitor Stacks	09/741479	12/19/00			6534809	3/18/03
10992900	01	US	Tracking	Method Of Enhancing Adhesion Of A Conductive Barrier Layer To An Underlying Conductive Plug And Contact For Ferroelectric Applications	09/741677	12/19/00			6576546	6/10/03
1191002	01	US	Granted	Method For Forming Self-Aligned T-Shaped Transistor Electrode	08/011998	2/1/93			5288660	2/22/94
1191005	03	US	Granted	Broadband Printed Spiral	07/523066	5/14/90			5215866	6/1/93
1191006	01	US	Granted	Method Of Forming Completely Metallized Via Holes In Semiconductors	07/192343	5/10/88			4808273	2/28/89
1191007	01	US	Granted	Method Of Selective Via-Hole And Heat Sink Plating Using A Metal Mask	07/192199	5/10/88			4642699	6/27/89
1191017	01	US	Granted	Switchable Microwave Oscillator	06/058589	6/5/87			4755772	7/5/88
1586	02	US	Granted	Method For Applying A Uniform Coating To Integrated Circuit Wafers By Means Of Chemical Vapor Deposition	06/794311	10/30/85			4696833	9/29/87
1850	02	US	Granted	High Efficiency ALGaAs Red Light Emitting Diodes	06/868161	5/27/86			4719497	1/12/88
1852	08	US	Granted	Integrated Circuit Device Having Improved Junction Connections	07/601037	10/23/90			5121186	6/9/92
186006	01	US	Granted	Improved Method For Focusing Projection Printer	06/900662	8/27/86			4681430	7/21/87
186006	02	JP	Granted	Improved Method For Focusing Projection Printer	PS62-202577	8/13/87			P2585010	11/21/96
186104	01	US	Granted	Process For Fabricating Multi-Level Metal Integrated Circuit And Structures Produced Thereby	06/871660	6/6/86			4786962	11/22/88

186147	01	US	Granted	Optical System For Large Depth-of-Field Bar Code Scanner	07/247216	9/21/88			4978860	12/18/90
186147	08	DE	Granted	Optical System For Large Depth-of-Field Bar Code Scanner	89309554.7	9/20/89	0360581		68920099.4	12/21/94
186159	05	US	Granted	Partially Opaque Substrate Red Led	07/365630	6/13/89			4965223	10/23/90
186189	01	US	Granted	Determination Of Best Focus For Step And Repeat Projection Aligners	06/928482	11/10/86			4759626	7/26/88
186232	01	US	Granted	Phase Locked Loop For Clock Extraction In Gigabit Rate Data Communication Links	07/273302	11/18/88			4926447	5/15/90
186247	01	US	Granted	Self-Gapping Optical Encoder	07/020006	2/27/87			4794250	12/27/88
186247	02	JP	Granted	Self-Gapping Optical Encoder	PS63-041813	2/24/88			P2647415	5/9/97
186302	01	US	Granted	A Fully Integrated High-Speed Voltage Controlled Ring Oscill	07/058477	6/5/87			4884041	11/28/89
186341	01	US	Granted	Method For Making An LDD MOSFET With A Shifted Buried Layer Blocking Region	06/926318	10/31/86			4746624	5/24/88
186341	02	US	Granted	Method For Making An LDD MOSFET With A Shifted Buried Layer Blocking Region	07/146068	1/20/88			4894694	1/16/90
186350	01	US	Granted	Nonlinear Noninverting Transimpedance Amplifier	07/279400	2/9/89			4902982	2/20/90
186350	02	JP	Granted	Nonlinear Noninverting Transimpedance Amplifier	PH02-031297	2/9/90			P3283034	3/1/02
186350	04	FR	Granted	Nonlinear Noninverting Transimpedance Amplifier	90300727.6	1/24/90	0382373		0382373	10/23/96
186350	05	GB	Granted	Nonlinear Noninverting Transimpedance Amplifier	90300727.6	1/24/90	0382373		0382373	10/23/96
186350	06	DE	Granted	Nonlinear Noninverting Transimpedance Amplifier	90300727.6	1/24/90	0382373	8/16/90	69028936.7	10/23/96
186376	04	US	Granted	Photoresist Process Employing An I-Line Peak Light Source	07/530220	5/30/90			5139918	8/18/92
186376	06	JP	Granted	Photoresist System	PH11-178491	3/2/89			P3164565	3/2/01
186432	01	US	Granted	Focused Line Identifier For A Bar Code Reader	07/421520	10/13/89			4963756	10/16/90
187022	01	US	Granted	Determination Of Focal Plane For A Scanning Projection Aligner	07/056192	6/1/87			4786166	11/22/88
187046	01	US	Granted	Whole Die Locator/Absolute Locator	07/160231	2/25/88			4914601	4/3/90
187076	05	US	Granted	Incorporation Of Dielectric Layers In A Semiconductor	07/547093	4/25/90			5110712	5/5/92
187106	03	US	Granted	Ring Focusing Lens	07/560489	7/23/90			5013144	5/7/91
187216	01	US	Granted	Fiber Optic Component	07/103576	9/30/87			D314176	1/29/91
187271	01	US	Granted	Solid State Relay With Optically Controlled Shunt And Series Enhancement Circuit	07/207809	6/17/88			4864126	9/5/89
187271	07	US	Granted	Solid State Relay With Shield Means	07/366090	6/13/89			4939375	7/3/90
187308	01	US	Granted	Process For Bonding Integrated Circuit Components	07/201494	6/1/88			4842662	6/27/89
187311	01	US	Granted	Phase Insensitive Index Pulse For Encoder	07/252222	9/30/88			4920259	4/24/90
187359	01	US	Granted	High Density Interconnect Chips Using Multilayer Plated Meta Metal Ink In An Insulation Medium On Silicon Or Other Cerami Substrate	07/290496	12/27/88			5021869	6/4/91
188012	01	US	Granted	P-Side Up Double Heterojunction AlGaAs Light-Emitting Diode	07/214997	7/5/88			4864369	9/5/89
188012	05	TW	Granted	P-Side Up Double Heterojunction AlGaAs Light-Emitting Diode	79208497	10/24/89	167218	8/21/91	67581	10/17/00
188012	07	DE	Granted	P-Side Up Double Heterojunction AlGaAs Light-Emitting Diode	89306741.3	7/3/89	0350242		0350242	3/22/95
188012	10	GB	Granted	P-Side up Double Heterojunction AlGaAs Light-Emitting Diode	93202633.9	7/3/89	0576105		0576105	9/25/96
188012	11	DE	Granted	P-Side Up Double Heterojunction AlGaAs Light-Emitting Diode	93202633.9	7/3/89	0576105		68927272.3	9/25/96
188036	01	US	Granted	Composite Optical Shielding	07/149766	1/29/88			5031017	7/9/91
188039	01	US	Granted	Tab Scrap Testing Program	07/255230	10/11/88			5008614	4/16/91
188039	03	US	Granted	Tab Scrap Testing Program	07/547667	7/3/90			5121053	6/9/92
188123	01	US	Granted	Sensor Array And Illumination System For A Large Depth-Of-Field Code Scanner	07/296997	1/12/89			5010241	4/23/91
188163	01	US	Granted	Mounting For A Sapphire Ball In A Bar Code Reader Wand Tip	07/207352	6/15/88			4855582	8/8/89
188163	02	JP	Granted	Mounting For A Sapphire Ball In A Bar Code Reader Wand Tip	PH01-153568	6/15/89			P2752437	2/27/98
188187	05	US	Granted	Method Of Forming A Bipolar Transistor Portion Comprising A Self-Aligned Trench-Isolated Emitter	07/595725	10/9/90			5144403	9/1/92
188199	01	US	Granted	Optical Nonreciprocal Device	07/222597	7/21/88			4974944	12/4/90
188199	02	JP	Granted	Optical Nonreciprocal Device	PH01-190408	7/21/89			P2983553	9/24/99
188199	04	DE	Granted	Optical Nonreciprocal Device	89307004.5	7/10/89	0352002	1/24/90	68911780.9	12/29/93
188199	05	FR	Granted	Optical Nonreciprocal Device	89307004.5	7/10/89	0352002	1/24/90	0352002	12/29/93
188199	06	GB	Granted	Optical Nonreciprocal Device	89307004.5	7/10/89	0352002	1/24/90	0352002	12/29/93
188199	07	HK	Registered	Optical Nonreciprocal Device	1232.94	7/10/89			0352002	11/10/94
188199	08	SG	Registered	Optical Nonreciprocal Device	9491342.3	7/10/89			0352002	11/29/94
188204	01	US	Granted	TAB Package Probe Card Guard	07/344885	4/28/89			4987365	1/22/91
188204	02	JP	Granted	TAB Package Probe Card Guard	PH02-114987	4/27/90			P3347722	9/6/02
188225	03	US	Granted	Bump Thin Film Patterning	07/743462	8/9/91			5226232	7/13/93

188226	01	US	Granted	Integrated Circuit And Lead Frame Assembly	07/549504	7/5/90			H001267	12/7/93
188272	01	US	Granted	High-Power Solid State Relay Employing Photosensitive Current Augmenting Means For Faster Turn-On Time	07/338872	4/14/89			4902901	2/20/90
188272	02	JP	Granted	High-Power Solid State Relay	PH02-099116	4/13/90			P3121338	10/20/00
188272	04	DE	Granted	Solid State Relay	90303596.2	4/4/90	0393876		69020416.7	6/28/95
188293	01	US	Granted	Apparatus And Method For Extracting The RMS Value From A Sig	07/422335	10/16/89			4959608	9/25/90
188318	03	US	Granted	Semiconductor Processing With Silicon Cap Over Si1-XGEX Film	07/715054	6/12/91			5256550	10/26/93
188343	01	US	Granted	Wire Leadframes	07/445430	12/4/89			5019746	5/28/91
188357	01	US	Granted	Reflective Shaft Angle Encoder	07/321994	3/10/89			4952799	8/28/90
188357	02	JP	Granted	Reflective Encoder	PH02-059797	3/9/90			P3203643	6/29/01
188357	04	GB	Granted	Reflective Optical Encoder	90302113.7	2/28/90	0386929		0386929	10/16/96
188357	05	DE	Granted	Reflective Optical Encoder	90302113.7	2/28/90	0386929		69028865.4	10/16/96
188403	01	US	Granted	Electrostatic Charge Drain For TAB Tape	07/351355	5/12/89			4992907	2/12/91
188414	01	US	Granted	Z-Axis Conductor Mounting To Tab Tape	07/529069	5/25/90			5046953	9/10/91
188414	02	JP	Granted	Z-Axis Conductor Mounting To Tab Tape	PH03-147836	5/23/91			P3337480	8/9/02
188420	10	US	Granted	Method For Improving Photoresist On Semiconductor Wafers	07/581248	9/7/90			5066616	11/19/91
188466	01	US	Granted	Dummy Photodectors For Integrated Encoder Detectors	07/290542	12/27/88			4904861	2/27/90
188466	02	JP	Granted	Dummy Photodectors For Integrated Encoder Detectors	PH01-334585	12/22/89			P2749408	2/20/98
188466	04	US	Granted	Dummy Photodectors For Integrated Encoder Detectors	07/449202	12/11/89			4998013	3/5/91
188466	05	DE	Granted	Optical Encoder With Inactive Photodetectors	89312949.4	12/12/89	0376538		68923780.4	8/9/95
188466	08	SG	Registered	Optical Encoder With Inactive Photodetectors	P9690815.7	12/12/89			0376538	6/28/96
188512	01	US	Granted	Buried Isolation Using Ion Implantation And Subsequent Epitaxial Growth	07/342771	4/24/89			5160492	11/3/92
188574	03	US	Granted	Multi-Layer Fabrication In Integrated Circuit Systems	08/037476	3/24/93			5399528	3/21/95
189037	01	US	Granted	Temperature Condensation Of LED Printhead	07/442197	11/28/89			4952949	8/28/90
189039	01	US	Granted	Optical Isolator Having High Voltage Isolation And High Light Flux Light Guide	07/355443	5/22/89			4980568	12/25/90
189086	01	US	Granted	Absolute Encoder	07/713718	6/11/91			5274229	12/28/93
189086	02	JP	Granted	Absolute Encoder	PH04-177375	6/11/92	05-187890	7/27/93	P3262842	12/21/01
189086	04	DE	Granted	Absolute Position Encoder	92305285.6	6/9/92	0518620		69207958.0	1/31/96
189086	05	GB	Granted	Absolute Position Encoder	92305285.6	6/9/92	0518620		0518620	1/31/96
189086	06	SG	Registered	Absolute Position Encoder	9692093.9	6/9/92			0518620	11/15/96
189086	06	SG	Registered	Absolute Position Encoder	07/463695	1/11/90			5066357	11/19/91
189087	01	US	Granted	Laser Machined Capacitor	PH03-002152	1/11/91			P3398387	2/14/03
189087	02	JP	Granted	Laser Machined Capacitor	07/761101	9/17/91			5213876	5/25/93
189087	03	US	Granted	Laser Machined Capacitor	07/406799	9/13/89			5061859	10/29/91
189096	01	US	Granted	Circuits For Realizing An Optical Isolator	PH02-244158	9/13/90			P3121339	10/20/00
189096	02	JP	Granted	Circuits For Realizing An Optical Isolator	07/577873	9/5/90			5047731	9/10/91
189227	01	US	Granted	Variable Gain Wideband Bipolar Monolithic Amplifier	07/577873	9/5/90			5047731	9/10/91
189239	01	US	Granted	Integrated High Speed Synchronous Counter With Asynchronous Out	07/487490	3/1/90			5045854	9/3/91
189239	02	JP	Granted	Integrated High Speed Synchronous Counter With Asynchronous Out	PH03-029809	2/25/91			P3274148	2/1/02
189262	01	US	Granted	Optical Encoder Bracket	07/374393	6/30/89			D329193	9/8/92
189262	02	JP	Granted	Optical Encoder Bracket	DH01-048234	12/29/89			D0894974	1/17/94
189292	01	US	Granted	Multiplexed LED Printhead Driver	07/451319	12/15/89			4998119	3/5/91
189292	02	JP	Pending	Multiplexed LED Printhead Driver		1/1/70				
189319	01	US	Granted	Symmetric Code Wheel For Incremental Encoder With Quadrature Index Pulse	07/422111	10/16/89			5013910	5/7/91
189319	05	GB	Granted	Symmetric Code Wheel For Incremental Encoder with Quadrature Index Pulse	90310918.9	10/4/90	0423988		0423988	3/12/97
189319	06	DE	Granted	Symmetric Code Wheel For Incremental Encoder with Quadrature Index Pulse	90310918.9	10/4/90	0423988		69030151.0	3/12/97
189391	01	US	Granted	Current Mirrors Using Resistor Ratios In CMOS Process	07/461209	1/5/90			5025204	6/18/91
189391	04	SG	Registered	Current Mirrors Using Resistor Ratios in CMOS Process	9790842.0	11/26/90			2239754	10/26/94
189392	01	US	Granted	Simple Class AB Output Stage For CMOS Op Amps	07/526082	5/18/90			5039953	8/13/91
189476	01	US	Granted	Method And Apparatus For Clock Recovery And Data Retiming Of Om NRZ Data	07/432869	11/7/89			5012494	4/30/91
189482	01	US	Granted	Fast Overflow And Underflow Limiting Circuit For Signed Adde	07/637251	1/3/91			5164914	11/17/92
189482	02	JP	Granted	Fast Overflow And Underflow Limiting Circuit For Signed Adde	PH03-347100	12/27/91			P3248743	11/9/01

189483	01	US	Granted	Hybrid Serial And Parallel Scan Technique For Improved Testi Systolic Arrays	07/494016	3/15/90			5130989	7/14/92
189484	01	US	Granted	Programmable Drive For Output Pad For Noise Sensitive IC Environment	07/494196	3/15/90			5039874	8/13/91
189484	02	JP	Granted	Programmable Drive For Output Pad For Noise Sensitive IC Environment	PH03-074815	3/14/91			P3285889	3/8/02
189499	01	US	Granted	Spiral Patterned Codewheel	07/448037	12/8/89			5017776	5/21/91
189499	03	DE	Granted	Apparatus For And Methods Of Optical Encoding	0431976	12/7/90	0431976		69025565	2/28/96
189546	02	JP	Granted	Isolation Of Photogenerated Carriers Within An Originating C Ting Region	PH03-169187	6/14/91			P3186096	5/11/01
189546	04	US	Granted	Isolation Of Photogenerated Carriers Within An Originating Collecting Region	07/876663	4/30/92			5480811	1/2/96
189566	04	US	Granted	Transistor Structure With Reduced Collector-to-Substrate Cap Nce	07/837683	2/18/92			5252143	10/12/93
189663	01	US	Granted	Velocity Matched Electrode Structures In LINbO3 Electroptic Modulators	07/745022	8/14/91			5138480	8/11/92
190007	01	US	Granted	Bipolar Transistor Containing A Self-Aligned Emitter Contact And Method Forming Transistor	07/664685	3/5/91			5121184	6/9/92
190023	02	US	Granted	Application Of CTE Compensator In Electrophotographic Printh	07/699099	5/13/91			5235347	8/10/93
190027	02	JP	Granted	High Speed Low Skew Clock Circuit	PH03-041049	2/13/91			P3143750	1/5/01
190032	01	US	Granted	Microchip With Electrical Element In Sealed Cavity	07/605282	10/29/90			5177595	1/5/93
190032	04	US	Granted	Microchip With Electrical Element In Sealed Cavity	07/872467	4/23/92			5367194	11/22/94
190032	06	US	Granted	Microchip Assembly With Electrical Element In Sealed Cavity	08/391299	2/21/95			5490628	2/13/96
190033	02	JP	Granted	Pump Apparatus	PH03-311657	10/30/91			P3144698	1/5/01
190033	04	US	Granted	Pump Apparatus	07/754172	8/26/91			5129794	7/14/92
190052	01	US	Granted	Optical Encoder With Improved Index Pulse	07/686677	4/17/91			5148020	9/15/92
190052	02	JP	Granted	Optical Encoder With Improved Index Pulse	PH04-097559	4/17/92			P3366347	11/1/02
190052	04	DE	Granted	Optical Encoder with Improved Index Pulse	92303455.7	4/16/92	0509828		69207941.6	1/31/96
190052	05	GB	Granted	Optical Encoder with Improved Index Pulse	92303455.7	4/16/92	0509828		0509828	1/31/96
190071	02	JP	Granted	Buried Ion Implanted Layer With Epitaxial Regrowth Applied Surface Emitting Laser	PH04-263561	10/1/92			P3417581	4/11/03
190091	02	JP	Granted	Addressing Method And Apparatus For A Computer System	PH03-353207	12/17/91			P3310006	5/24/02
190091	06	US	Granted	Addressing Method And Apparatus For A Computer System	08/217001	3/23/94			5437019	7/25/95
190099	01	US	Granted	Scannable Register With Delay Test Capability	07/565345	8/10/90			5068881	11/26/91
190099	02	JP	Granted	Scannable Register With Delay Test Capability	PH03-200432	8/9/91			P3197026	6/8/01
190101	01	US	Granted	Binary-Locally-Initializing Incremental Encoder	08/107480	8/17/93			5457371	10/10/95
190253	01	US	Granted	Tape Automated Bonded (TAB) Circuit (As Amended)	07/633591	12/21/90			5521425	5/28/96
190268	02	JP	Granted	Electrically Conductive Thermal Interface Material Using Met Othe	PH05-085461	3/19/93			P3201868	6/22/01
190268	06	US	Granted	Electrically Conductive Thermal Interface	08/938282	9/26/97			5783862	7/21/98
190296	02	JP	Granted	System For Automatically Determining The Logical Function Of Circuit	PH04-118167	4/10/92	05-256901	10/8/93	P3248753	11/9/01
190296	05	US	Granted	System For Automatically Determining The Logical Function Of A Circuit	08/235107	4/28/94			5426770	6/20/95
190297	06	US	Granted	Bidirectional Socket Stimulus Interface For A Logic Simulator	08/549078	10/27/95			8421823	7/16/02
190346	01	US	Granted	Burn-In Process And Apparatus	07/667620	3/8/91			5086269	2/4/92
190378	01	US	Granted	Rotary Tactile Feedback Device	07/666171	3/7/91			5134898	8/4/92
190384	01	US	Granted	Ring Oscillator Circuit With Improved Stability Over Temp/Su Voltage	07/637040	1/3/91			5072197	12/10/91
190384	02	JP	Granted	Ring Oscillator Circuit With Improved Stability Over Temp/Su Voltage	PH03-359106	12/27/91			P3144700	1/5/01
190408	05	US	Granted	Flexible System For Knowledge Acquisition In Expert System Development	07/965985	10/23/92			5412758	5/2/95
190471	01	US	Granted	Method For Proximity Effect Correction In Projection Lithography	07/671567	3/19/91			5208124	5/4/93
190536	01	US	Granted	Symmetric Edge True/Complement Buffer/Inverter And Method Th R	07/645952	1/25/91			5140174	8/18/92
190556	01	US	Granted	Light Source And Technique For Mounting Light Emitting Diodes	07/932754	8/20/92			5265792	11/30/93
190556	03	JP	Granted	Light Source And Technique For Mounting Light Emitting Diodes	PH05-227990	8/20/93			P3345124	8/30/02
190556	04	KR	Granted	Side Emission Led Die	93.16146	8/19/93			0297453	5/22/01
190556	05	TW	Granted	Light Source And Technique For Mounting Light Emitting Diodes	82105990	7/27/93	243557	3/21/95	70757	3/21/95

190556	06	CN	Granted	Light Source And Technique For Mounting Light Emitting Diodes	93109838.6	8/20/93	93109838.6	12/24/99	1050936	3/29/00
190556	07	US	Granted	Light Source And Technique For Mounting Light Emitting Diodes	08/119913	10/27/93			5475241	12/12/95
190556	14	DE	Granted	Light Source And Technique For Mounting Light Emitting Diodes	96106644.6	4/26/96	0739043	10/23/97	69331554.7	2/6/02
190556	15	GB	Granted	Light Source And Technique For Mounting Light Emitting Diodes	96106644.6	4/26/96	0739043	10/23/97	0739043	2/6/02
190556	16	DE	Granted	Light Source And Technique For Mounting Light Emitting Diodes	98102735.2	2/17/98	0843365	11/11/98	69332570.4	12/11/02
190556	17	FR	Granted	Light Source And Technique For Mounting Light Emitting Diodes	98102735.2	2/17/98	0843365	11/11/98	0843365	12/11/02
190556	18	GB	Granted	Light Source And Technique For Mounting Light Emitting Diodes	98102735.2	2/17/98	0843365	11/11/98	0843365	12/11/02
190556	19	IT	Granted	Light Source And Technique For Mounting Light Emitting Diodes	98102735.2	2/17/98	0843365	11/11/98	0843365	12/11/02
190558	02	US	Granted	Integrated Circuit Probe Fixture With Detachable High-Frequency Probe Carter	08/310909	9/22/94			5477159	12/19/95
190581	01	US	Granted	A Configurable Self Test For Embedded Rams	07/732538	7/18/91			5301156	4/5/94
190581	02	JP	Granted	A Configurable Self Test For Embedded Rams	PH04-191257	7/20/92			P3262593	12/21/01
191090	01	US	Granted	Electromigration Verification Method And Apparatus	07/753521	9/3/91			5410490	4/25/95
191090	02	JP	Granted	Electromigration Verification Software	PH04-260702	9/3/92			P3183728	4/27/01
191094	03	US	Granted	Method And Apparatus For Estimating Power In Electronic Integrated Circuits (as Amended)	08/176297	1/3/94			5938755	8/17/99
191155	01	US	Granted	Thermally Stable IC Metal Interconnect System	07/898980	6/15/92			5286676	2/15/94
191155	05	US	Granted	Integrated Circuit Barrier Structures And Method	08/671105	6/28/96			5670823	9/23/97
191234	01	US	Granted	Optical Position Encoder And Slot Interrupter	07/787528	11/4/91			5241172	8/31/93
191304	01	US	Granted	A CMOS Latching Comparator Design Which Minimizes Current Su	07/853469	3/17/92			5245223	9/14/93
191304	02	JP	Granted	A CMOS Latching Comparator Design Which Minimizes Current Su	PH05-081253	3/16/93			P3506259	12/26/03
191324	01	US	Granted	CMOS Psuedo NMOS Variable Capacitance Time Vernier	07/786447	11/1/91			5214680	5/25/93
191324	02	JP	Granted	CMOS Psuedo NMOS Variable Capacitance Time Vernier	PH04-315904	10/30/92			P3382647	12/20/02
191325	01	US	Granted	Variable Capacitance Delay Element	07/786633	11/1/91			5283631	2/1/94
191327	01	US	Granted	Fine/Coarse Wired Or Tapped Delay Line	07/786459	11/1/91			5243227	9/7/93
191328	01	US	Granted	System And Method For Dynamic Power Compensation	07/786655	11/1/91			5324916	6/28/94
191328	02	JP	Granted	Dynamic/Compensation For Variable/Multiple Clock Rates In CM	PH04-292860	10/30/92			P3369608	11/15/02
191348	03	US	Granted	Nitridation Of Titanium Tungsten Interconnects	08/008052	1/22/93			5318924	6/7/94
191399	01	US	Granted	Resistance Sensing	07/944852	9/9/92			5291123	3/1/94
191399	02	JP	Granted	Resistance Sensing	PH05-248744	9/9/93			P3482226	10/10/03
191407	01	US	Granted	Switched Cascode Transistors Driving Leds	07/948274	9/21/92			5289112	2/22/94
191407	02	JP	Granted	Switched Cascode Transistors Driving Leds	PH05-249856	9/10/93			P3375392	11/29/02
191464	03	US	Granted	Epitaxial Silicon Starting Material	07/984725	12/1/92			5296047	3/22/94
191464	05	US	Granted	Epitaxial Silicon Starting Material	08/389610	2/14/95			5561316	10/1/96
191564	01	US	Granted	Enhanced CMOS Power On Reset Circuit	07/891587	6/1/92			5369310	11/29/94
191564	02	JP	Granted	Enhanced CMOS Power On Reset Circuit	PH05-151403	5/28/93			P3410765	3/20/03
191564	03	US	Granted	CMOS Power-On Reset Circuit	08/230354	4/20/94			5446404	8/29/95
191592	03	US	Granted	Method For Generating Test Vectors For Characterizing And Verifying The Operation Of Integrated Circuits	08/344391	11/22/94			5586125	12/17/96
191599	01	US	Granted	Current Balance	07/929875	8/11/92			5256985	10/26/93
191600	01	US	Granted	Process For Semiconductor Device Etch Damage Reduction Using Hydrogen-Containing Plasma	08/137436	10/15/93			5425843	6/20/95
191631	01	US	Granted	Wafer Scale Multiple Chip Module	08/189623	2/1/94			5418687	5/23/95
191631	02	US	Granted	Wafer Scale Multiple Chip Module	08/386893	2/10/95			5506383	4/9/96
191642	01	US	Granted	Bipolar Stripe Transistor Structure	08/276020	7/15/94			5465006	11/7/95
191642	02	US	Granted	Method Of Making A Bipolar Stripe Transistor Structure	08/501757	7/12/95			5591651	1/7/97
1950	04	US	Granted	Metal Interconnection System With A Planar Surface	07/560476	7/27/90			5084414	1/28/92
20003605	02	US	Granted	Integrated Tunable Laser	10/120045	4/10/02	0035455	2/20/03	6693937	2/17/04
20003805	03	JP	Pending	Integrated Tunable Laser	P2002-134558	5/9/02	2002-35355	12/6/02		
20011268	01	EP	Published	Electrical Circuit For A Bus Interface Or A Bus Bridge	02008442.2	4/13/02	1271333	1/2/03		
20011268	02	US	Published	Electrical Circuit For A Bus Interface Or A Bus Bridge	10/356307	1/31/03	0196018	10/16/03		

20011268	03	DE	Unfiled	Xxelectrical Circuit For A Bus Interface And/or A Bus Bridge										
20011268	04	GB	Unfiled	Electrical Circuit For A Bus Interface Or A Bus Bridge										
20011268	05	FR	Unfiled	Electrical Circuit For A Bus Interface Or A Bus Bridge										
20011285	02	WO	Pending	Coupling Circuit Arrangement For Data Communications Over Power Lines	EP02/10155	9/11/02								
20011285	03	EP	Published	Coupling Circuit Arrangement For Data Communications Over Power Lines	02805272.8	8/5/04	1459458	9/22/04						
20011285	04	US	Published	Coupling Circuit Arrangement For Data Communications Over Power Lines	10/498185	11/15/04	05-0069321	3/31/05						
20011285	05	CN	Pending	Coupling Circuit Arrangement For Data Communications Over Power Lines	02825782.0	6/21/04								
20980021	02	US	Granted	Optical Display Device And Method Of Operating An Optical Display Device	09/335418	6/17/99						6239716	5/29/01	
20980021	03	JP	Pending	Optical Display Device And Method Of Operating An Optical Display Device	PH11-174304	6/21/99								
20980031	03	US	Granted	Optical Vehicle Display	09/452609	12/1/99						6396466	5/28/02	
30001014	02	US	Granted	Modulator Assembly	10/146048	5/16/02	0020997	1/30/03				6714333	3/30/04	
30001014	03	JP	Pending	Modulator Assembly	P2002-187546	6/27/02	2003-05761	2/26/03						
30001014	04	GB	Granted	Modulator Assembly	01306522.2	7/30/01						1281998	12/29/04	
30001014	05	FR	Granted	Modulator Assembly	01306522.2	7/30/01						1281998	12/29/04	
30001014	06	DE	Granted	Modulator Assembly	01306522.2	7/30/01						60108106.4-08	12/29/04	
30001022	02	US	Granted	Wavelength Tuneable Optical Device	10/245421	9/17/02	0081641	5/1/03				6882780	4/19/05	
30001034	01	EP	Published	Light Modulation	00311499.8	12/20/00	1217701	6/26/02						
30001034	02	US	Granted	Light Modulation	09/861981	5/16/01						6590693	6/8/03	
30001035	02	US	Granted	An Electro-modulating Device	10/046349	1/14/02	0114055	8/22/02				6717710	4/4/04	
30001044	01	EP	Published	Semiconductor Laser	02250465.8	1/23/02	1331710	7/30/03						
30001044	02	US	Granted	Semiconductor Laser	10/348142	1/21/03	0142709	7/31/03				6778577	8/17/04	
30003856	01	EP	Published	Semiconductor Device With Current Confinement Structure	01300447.8	1/18/01	1225670	7/24/02						
30003856	02	US	Granted	Semiconductor Device With Current Confinement Structure	09/858677	5/16/01	0075549	6/20/02				6509580	1/21/03	
30003856	03	JP	Pending	Semiconductor Device With Current Confinement Structure	P2002-005692	1/15/02								
30004037	03	US	Published	Optical Assembly And Method For Alignment Thereof	10/343250	1/28/03	0152337	8/14/03						
30004037	05	DE	Granted	Optical Assembly And Method For Alignment Thereof	01984444.8	7/25/01						60102703.5	4/7/04	
30004037	06	FR	Granted	Optical Assembly And Method For Alignment Thereof	01984444.8	7/25/01						1307772	4/7/04	
30004037	07	GB	Granted	Optical Assembly And Method For Alignment Thereof	01984444.8	7/25/01						1307772	4/7/04	
30010008	01	GB	Granted	Novel Fiber Optic Transceiver Module	0106367.6	3/15/01	2373374	9/4/02				2373374	3/17/04	
30010008	03	US	Granted	Novel Fiber Optic Transceiver Module	10/052803	1/18/02	0131730	9/19/02				6811326	11/2/04	
30010008	04	JP	Pending	Novel Fiber Optic Transceiver Module	P2002-072681	3/15/02	2002-32826	11/15/02						
30010008	05	DE	Granted	Novel Fiber Optic Transceiver Module	01310415.3	12/13/01						60102214.9	3/3/04	
30010008	06	FR	Granted	Novel Fiber Optic Transceiver Module	01310415.3	12/13/01						1241502	3/3/04	
30010008	08	JP	Granted	Novel Fiber Optic Transceiver Module	U2005-003587	5/24/05						U3113384	7/27/05	
30010034	01	EP	Published	A Variable Gain Amplifier Stage	01304466.4	5/21/01	1261124	11/27/02						
30010034	02	US	Granted	A Variable Gain Amplifier Stage	10/102971	3/22/02	171489	11/21/02				6621344	9/16/03	
30010035	02	US	Granted	Laser Diode Matching Circuit And Method Of Impedance Matching Therefor	10/078420	2/21/02	0181522	12/5/02				6611541	8/26/03	
30010035	04	DE	Granted	Laser Diode Matching Circuit And Method Of Impedance Matching Therefor	01303099.4	3/30/01						60101308.5	11/26/03	
30010035	05	GB	Granted	Laser Diode Matching Circuit And Method Of Impedance Matching Therefor	01303099.4	3/30/01						1246376	11/26/03	
30010043	01	EP	Published	Optoelectronic Circuit And Control Circuit	01304636.2	5/25/01	1261082	11/27/02						
30010043	02	US	Granted	Optoelectronic Circuit And Control Circuit	10/154906	5/28/02	176462	11/28/02				6765942	7/20/04	
30010055	02	US	Granted	A DC Feedback Control Circuit	10/151433	5/21/02	0196082	12/26/02				6741134	5/25/04	
30010072	01	EP	Published	Control Loop Circuit And Method Therefor	01307490.1	9/3/01	1289175	3/5/03						
30010072	02	US	Granted	Control Loop Circuit And Method Therefor	10/232374	9/3/02						6829267	12/7/04	
30010073	01	EP	Published	Eye-safe Optical Fibre Transmitter Unit	01310047.4	11/30/01	1316825	6/4/03						
30010073	02	US	Granted	Eye-safe Optical Fibre Transmitter Unit	10/306224	11/29/02						6804436	10/12/04	
30010077	02	US	Granted	Optical Fibre Connector	10/316885	12/12/02	0112599	6/19/03				6735371	5/11/04	
30010078	01	EP	Published	Method And Apparatus For Cooling Electronic Or Optoelectronic Devices	01306506.5	7/30/01	1282206	2/5/03						

30010080	02	US	Granted	Laser Driver Circuit And Method Of Driving A Laser Therewith	10/230980	8/30/02			6778571	8/17/04
30010081	01	EP	Published	Driver Circuit	01305015.8	6/8/01	1265357	12/11/02		
30010081	02	US	Granted	Driver Circuit	10/164556	6/10/02	0186733	12/12/02	6850546	2/1/05
30010083	02	US	Granted	Amplifier Apparatus For An Output State Of A Laser Driver Circuit	10/120322	4/11/02	0175754	11/28/02	6650183	11/18/03
30010087	01	EP	Published	Current Generator Circuit And Method Of Providing Drive Current To A Laser Diode Driver	01303927.6	4/30/01	1255333	11/6/02		
30010087	02	US	Granted	Current Generator Circuit And Method Of Providing Drive Current To A Laser Diode Driver	10/041470	1/10/02	0171406	11/21/02	6586918	7/1/03
30010088	01	EP	Published	Fault Tolerant Electrical Circuit And Method	01303928.4	4/30/01	1255334	11/6/02		
30010088	02	US	Granted	Fault Tolerant Electrical Circuit And Method	10/046812	1/17/02	0158300	10/31/02	6809403	10/26/04
30010089	01	EP	Published	Amplifier Circuit Apparatus And Method Of EMI Suppression	01309723.3	11/19/01	1313145	5/21/03		
30010089	02	US	Granted	Amplifier Circuit Apparatus And Method Of EMI Suppression	10/295620	11/15/02	0128073	7/10/03	6831520	12/14/04
30010091	01	EP	Published	Optical Sub Assembly	02250413.8	1/21/02	1329753	7/23/03		
30010091	02	US	Published	Optical Sub Assembly	10/328207	12/23/02	0022500	2/5/04		
30010092	02	US	Granted	Optical Fibre Alignment Device And Method	10/241020	9/11/02	0081912	5/1/03	6910811	6/28/05
30010092	03	DE	Granted	Optical Fibre Alignment Device And Method	01309227.5	10/31/01	1308761	5/7/03	60109456.5-08	3/16/05
30010092	04	FR	Granted	Optical Fibre Alignment Device And Method	01309227.5	10/31/01	1308761	5/7/03	1308761	3/16/05
30010092	05	GB	Granted	Optical Fibre Alignment Device And Method	01309227.5	10/31/01	1308761	5/7/03	1308761	3/16/05
30010247	04	DE	Granted	Method For Aligning A Passive Optical Element To An Active Optical Device	01307492.7	9/3/01	1288687	3/5/03	1288687	12/14/05
30010247	05	FR	Granted	Method For Aligning A Passive Optical Element To An Active Optical Device	01307492.7	9/3/01	1288687	3/5/03	1288687	12/14/05
30010247	06	GB	Granted	Method For Aligning A Passive Optical Element To An Active Optical Device	01307492.7	9/3/01	1288687	3/5/03	1288687	12/14/05
30010344	01	US	Granted	Module Apparatus And Method Of Assembly	09/920597	8/1/01	0027440	2/6/03	6575770	6/10/03
30010701	01	GB	Granted	Improved Diebond Strip	0116990.3	7/12/01	2377402	1/15/03	2377402	5/12/04
30010701	02	US	Granted	Improved Diebond Strip	10/195057	7/12/02	0010810	1/16/03	6752308	6/22/04
30010701	03	JP	Pending	Improved Diebond Strip	P2002-203629	7/12/02	2003-05151	2/21/03		
30010701	04	US	Published	Improved Diebond Strip	10/833244	4/27/04	0195295	10/7/04		
30010736	01	US	Granted	Environmental Protection For An Optical Assembly And Method Therefor	10/095022	3/11/02	0168226	9/11/03	6613980	9/2/03
30010814	01	EP	Published	Electronic Or Opto-electronic Packages	01309409.9	11/6/01	1309048	5/7/03		
30010814	02	US	Granted	Electronic Or Opto-electronic Packages	10/288367	11/6/02	0086243	5/8/03	6920162	7/19/05
30010825	01	EP	Published	Method Of Detecting The Presence Of Cross-talk And Apparatus Therefor	02254070.2	6/12/02	1372273	12/17/03		
30010825	02	US	Pending	Method Of Detecting The Presence Of Cross-talk And Apparatus Therefor	10/459590	6/12/03				
30010826	02	US	Granted	Method For Alignment Of Optical Components	10/236306	9/6/02	0077051	4/24/03	6739763	5/25/04
30010842	01	EP	Published	Semiconductor Optical Modulator	01310094.6	12/3/01	1316838	7/4/03		
30010842	02	US	Granted	Semiconductor Optical Modulator	10/197935	7/17/02	0103255	6/5/03	6717709	4/6/04
30010843	01	EP	Published	Apparatus For Detecting Cross-talk And Method Therefor	02251900.3	3/16/02	1324516	8/20/03		
30010843	02	US	Granted	Apparatus For Detecting Cross-talk And Method Therefor	10/325053	12/20/02	0123065	7/3/03	6961128	11/1/05
30011152	01	EP	Published	Wavelength Detector Apparatus And Method Therefor	02254897.8	7/11/02	1381090	1/14/04		
30011186	02	US	Published	Control Loop Apparatus, Current Measuring Circuit Apparatus And Methods Therefor	10/459602	6/12/03	2003/0233202	12/18/03		
30011187	01	EP	Published	Electronic Assembly And Method Of Manufacture Thereof	02255317.6	7/30/02	1387603	2/4/04		
30011189	02	US	Granted	Means Of Suppression Of Non-Bragg Side Modes	10/372689	2/24/03	0161359	8/28/03	6956877	10/18/05
30011245	01	EP	Published	An Arrangement For Monitoring The Emission Wavelength Of A Laser Source	02250414.6	1/21/02	1329998	7/23/03		
30011245	02	US	Granted	An Arrangement For Monitoring The Emission Wavelength Of A Laser Source	10/348282	1/21/03	0142904	7/31/03	6819832	11/16/04
30011455	01	US	Granted	Laser Platform	10/164090	6/6/02	0228115	12/11/03	6880984	4/19/05
30011456	01	EP	Published	Apparatus For Detecting Wavelength Drift And Method Therefor	01310792.5	12/21/01	1322006	6/25/03		
30011456	02	US	Granted	Apparatus For Detecting Wavelength Drift And Method Therefor	10/325178	12/20/02	0123066	7/3/03	6919963	7/19/05
30020158	01	GB	Published	Distributed Feedback Laser Device	0307491.1	4/1/03	2400233	10/6/04		
30020190	01	EP	Published	Wavelength Determining Apparatus And Method	02254893.7	7/11/02	1380822	1/14/04		
30020281	02	US	Granted	Semiconductor Substrates And Structures	10/423149	4/25/03			6818925	11/16/04
30020282	01	EP	Published	Integrated Semiconductor Laser And Waveguide Device	02254072.8	6/12/02	1372229	12/17/03		
30020282	02	US	Granted	Integrated Semiconductor Laser And Waveguide Device	10/459716	6/12/03	0062467	4/1/04	6937632	8/30/05

30020283	01	EP	Published	Integrated Semiconductor Laser And Waveguide Device	02254069.4	6/12/02	1372228	12/17/03		
30020283	02	US	Granted	Integrated Semiconductor Laser And Waveguide Device	10/459717	6/12/03			6931041	8/16/05
30020306	03	US	Published	Module Apparatus	10/379788	3/6/03	0169984	9/11/03		
30020358	01	EP	Published	Through-panel Mounted Component	02251898.9	3/16/02	1345292	9/17/03		
30020358	02	US	Granted	Through-panel Mounted Component	10/357010	2/3/03	0176102	9/18/03	6817886	11/16/04
30020359	02	US	Pending	Wavelength Monitoring Method And Apparatus And Method Of Making Same	10/388771	3/17/03				
30020360	01	EP	Published	Optical Device Module	02251685.0	3/9/02	1343038	9/10/03		
30020360	02	US	Granted	Optical Device Module	10/355869	1/31/03	0169982	9/11/03	6929406	8/16/05
30020386	02	US	Granted	Improved Electro-optical Module Assembly	10/375479	2/27/03	0171013	9/11/03	6811413	11/2/04
30020386	03	CN	Granted	Improved Electro-optical Module Assembly	03105054.9	3/3/03	1442714A	9/17/03	03105054.9	6/1/05
30020386	04	DE	Granted	Improved Electro-Optical Module Assembly	02251524.1	3/5/02	1343037	9/10/03	60200142.0	12/17/03
30020386	05	FR	Granted	Improved Electro-Optical Module Assembly	02251524.1	3/5/02	1343037	9/10/03	1343037	12/17/03
30020386	06	GB	Granted	Improved Electro-Optical Module Assembly	02251524.1	3/5/02	1343037	9/10/03	1343037	12/17/03
30020387	02	US	Granted	Integrated Micro-optical Elements	10/354607	1/30/03	0174407	9/18/03	6751376	6/15/04
30020388	01	EP	Published	Module Apparatus And Method Of Alignment	02252208.0	3/27/02	1348989	10/1/03		
30020388	02	US	Granted	Module Apparatus And Method Of Alignment	10/396236	3/25/03	0185525	10/2/03	6929407	8/16/05
30020467	02	US	Published	Apparatus And Method For Data Tag Signal Recovery	10/613695	7/3/03	0081472	4/29/04		
30020468	01	EP	Published	Module Apparatus For Optical Communications And Circuit Pack Therefor	02252864.0	4/23/02	1357682	10/29/03		
30020516	02	US	Granted	An Optoelectronic Package	10/624057	7/21/03	0089865	5/13/04	6841799	1/11/05
30020591	02	US	Published	Transmission Of Supervisory Data In An Optical Communication System	10/622294	7/18/03	2005-0152694	7/14/05		
30020591	03	DE	Granted	Transmission Of Supervisory Data In An Optical Communication System	02255113.9	7/22/02	1385277	1/28/04	60204561.4	6/8/05
30020591	04	GB	Granted	Transmission Of Supervisory Data In An Optical Communication System	02255113.9	7/22/02	1385277	1/28/04	1385277	6/8/05
30020606	01	EP	Published	Optoelectronic Module With Integrated Loop-back Capability	02254891.1	7/11/02	1380828	1/14/04		
30020606	02	US	Published	Optoelectronic Module With Integrated Loop-back Capability	10/617113	7/10/03	0105613	6/3/04		
30020643	01	GB	Published	Heat Sink	0309719.3	4/29/03	2401250	11/3/04		
30020643	02	US	Published	Heat Sink	10/807862	3/24/04	0226689	11/18/04		
30020759	03	DE	Granted	Integrated Variable Optical Attenuator And Isolator, Components Therefor And Method Of Assembly	02256118.7	9/3/02	1396751	3/10/04	1396751	11/16/05
30020759	04	GB	Granted	Integrated Variable Optical Attenuator And Isolator, Components Therefor And Method Of Assembly	02256118.7	9/3/02	1396751	3/10/04	1396751	11/16/05
30020778	02	US	Pending	An Optoelectronic Assembly	10/646981	8/22/03				
30020822	01	US	Granted	Electronic Module	10/288803	11/6/02	0085744	5/6/04	6870746	3/22/05
30020824	01	EP	Published	A Cover For Modular Rack Apertures	02256856.2	10/2/02	1406353	4/7/04		
30020824	02	US	Granted	A Cover For Modular Rack Apertures	10/448684	5/30/03	0066639	4/8/04	6920050	7/19/05
30020846	01	GB	Published	Electro-Absorption Modulation Of Optical Signals	0318872.9	8/12/03	2404992	2/16/05		
30020846	02	US	Published	Electro-Absorption Modulation Of Optical Signals	10/916632	8/12/04	2005-0041984	2/24/05		
30020954	01	EP	Published	Slope Efficiency Measurement Apparatus For A Laser Device And Method Therefor	02258222.5	11/28/02	1424753	6/2/04		
30020954	02	US	Published	Slope Efficiency Measurement Apparatus For A Laser Device And Method Therefor	10/722395	11/28/03	0212390	10/28/04		
30020966	01	GB	Published	Packaged Planar Lightwave Circuit Arrangements Corresponding Method Of Connection And Component	0310125.0	5/2/03	2401196	11/3/04		
30021036	01	GB	Published	Open-back High Speed Package	0320089.6	8/28/03	2405532	3/2/05		
30021072	01	EP	Published	Optical Beam Splitter Apparatus	03250745.1	2/5/03	1445634	8/11/04		
30021072	02	US	Pending	Optical Beam Splitter Apparatus	10/770488	2/4/04				
30021078	01	US	Pending	Temperature Sensor Apparatus	10/425711	4/30/03				
30021098	01	GB	Published	Optical Fibre Connector	0302052.6	1/29/03	2397895	8/4/04		
30021098	02	US	Published	Optical Fibre Connector	10/732663	12/10/03	0146252	7/29/04		
30021133	01	EP	Published	Optical Transmitter	02258784.4	12/19/02	1432088	6/23/04		
30021135	01	US	Published	Wavelength Determining Apparatus And Method	10/613780	7/3/03	0051876	3/18/04		
30021177	01	EP	Published	An Optoelectronic Module And A Thermal Switch Therefor	03251748.4	3/20/03	1460740	9/22/04		
30021177	02	US	Pending	An Optoelectronic Module And A Thermal Switch Therefor	10/773607	2/6/04				
30021244	01	GB	Published	Integrated Circuit And Method Of Improving Signal Integrity	0318291.2	8/5/03	2404799	2/9/05		
30021244	02	US	Published	Integrated Circuit And Method Of Improving Signal Integrity	10/910067	8/3/04	2005/00330063	2/10/05		

30021246	01	GB	Published	Optical Component And Compact Wavelength Locking Arrangement Including Such A Component	0313544.9	6/12/03	2402752	12/15/04		
30021246	02	US	Granted	Optical Component And Compact Wavelength Locking Arrangement Including Such A Component	10/844130	5/12/04	0257657	12/23/04	6934086	8/23/05
30030051	01	GB	Published	Integrated Optical Device	0321263.6	9/11/03	2405950	3/16/05		
30030051	02	US	Pending	Integrated Optical Device	10/879803	6/29/04				
30030284	01	GB	Published	Pluggable Optical Subassembly	0319505.4	8/20/03	2405264	2/23/05		
30030284	02	US	Published	Pluggable Optical Subassembly	10/868609	6/15/04	0041933	2/24/05		
30030284	03	CN	Published	Pluggable Optical Subassembly	200410070915	7/13/04	1585305A	2/23/05		
30030397	02	GB	Tracking	Laser Devices	9709949.3	5/15/98	WO9853537	11/26/98		
30030397	03	EP	Tracking	Laser Devices	98921631	5/15/98	0981843	3/1/00		
30030397	04	KR	Tracking	Laser Devices	10-1999-70106	11/17/99				
30030397	05	US	Tracking	Laser Devices	09/424011	3/29/00			6639931	10/28/03
30030397	06	JP	Tracking	Laser Devices	550101198	3/29/00	2001525995	12/11/01		
30030397	07	CN	Tracking	Laser Devices	98807183.5	3/29/00	1263642	8/16/00		
30030405	01	GB	Published	Master Slave Arrangement	0309823.3	4/30/03	2401207	11/3/04		
30030405	02	US	Pending	Master Slave Arrangement	10/836444	4/30/04				
30030436	01	GB	Published	Master Slave Arrangement	0319488.3	8/20/03	2405231	2/23/05		
30030436	02	US	Published	Master Slave Arrangement	10/918824	8/13/04	2005/0044335	2/24/05		
30030483	02	US	Pending	Rate Adaptive Optical Communication System And Method Thereof	10/798146	3/11/04				
30030544	01	GB	Published	Method Of Determining A Data Rate And Apparatus Therefor	0400134.3	1/6/04	2409954	7/13/05		
30030544	02	US	Published	Method Of Determining A Data Rate And Apparatus Therefor	11/014250	12/17/04	2005/0165579	7/28/05		
30030545	01	GB	Published	Variable Decision Threshold Apparatus	0319440.4	8/19/03	2405295	2/23/05		
30030545	02	US	Published	Variable Decision Threshold Apparatus	10/910244	8/3/04	2005-0062530	3/24/05		
30030608	01	GB	Published	Optoelectronic Component With Thermoelectric Temperature Control	0321653.8	9/16/03	2406212	3/23/05		
30030608	02	US	Granted	Optoelectronic Component With Thermoelectric Temperature Control	10/936367	9/8/04	2005-0058406	3/17/05	6948864	9/27/05
30030653	01	GB	Published	Optoelectronic Device Having A Discrete Bragg Reflector And An Electro-Absorption Modulator	0323757.5	10/10/03	2409570	6/29/05		
30030653	02	US	Published	Optoelectronic Device Having A Discrete Bragg Reflector And An Electro-Absorption Modulator	10/961639	10/8/04	0185689	8/25/05		
30030740	01	GB	Published	Optical Transmitter And Receiver	0321269.3	9/11/03	2406010	3/16/05		
30030742	01	GB	Published	Optical Package	0317593.2	7/26/03	2404451	2/2/05		
30030742	02	US	Published	Optical Package	10/858961	6/2/04	0018980	1/27/05		
30030751	01	GB	Published	Thermo-Electric Cooler	0321543.1	9/13/03	2405994	3/16/05		
30030931	01	GB	Published	Semiconductor Device	0322053.0	9/20/03	2406213	3/23/05		
30030931	02	US	Published	Semiconductor Device	10/936362	9/8/04	2005-0062032	3/24/05		
30030940	01	GB	Published	Semiconductor Laser With Grating Structure For Stabilizing The Wavelength Of Optical Radiation	0400746.4	1/14/04	2410124	7/20/05		
30030940	02	US	Published	Semiconductor Laser With Grating Structure For Stabilizing The Wavelength Of Optical Radiation	11/017142	12/20/04	2005-0152422	7/14/05		
30030974	01	GB	Published	Semiconductor Laser With Integrated Heating Element And Method Of Manufacturing Same	0328082.3	12/4/03	2408847	6/8/05		
30030974	02	US	Pending	Semiconductor Laser With Integrated Heating Element And Method Of Manufacturing Same	10/995511	11/24/04				
30030982	01	GB	Published	Interface Apparatus, Connector Apparatus And Method Of Reducing Electromagnetic Interference	0321502.7	9/13/03	2405951	3/16/05		
30030982	02	US	Published	Interface Apparatus, Connector Apparatus And Method Of Reducing Electromagnetic Interference	10/928393	8/27/04	2005-0058410	3/17/05		
30031270	01	GB	Pending	Optical Fibre Data Transmission	0415614.7	7/13/04				
30031359	01	GB	Pending	Receiver For An Optical Communication System	0428030.1	12/22/04				
30031501	01	GB	Pending	Temperature Compensated Optoelectronic Device Having A Laser Diode And An Electro-Absorption Modulator	0420898.9	9/21/04				
30040017	01	GB	Pending	EDC Using Adaptive Feedback	0414838.3	7/2/04				
30040049	01	US	Pending	Optical Fibre Connector	10/844009	5/12/04				
30040201	01	GB	Pending	Method Of Measuring Inter-Symbol Interference And Apparatus Therefor	0502184.5	2/3/05				
30040490	01	GB	Published	System And Method For Controlling Optical Sources, Such As Laser Diodes, And Computer Program Product Therefor	0412509.2	6/4/04	2414854	12/7/05		

30040490	02	EP	Published	System And Method For Controlling Optical Sources, Such As Laser Diodes, And Computer Program Product Therefor	04102805.1	6/18/04	1603205	12/7/05		
30040490	03	US	Pending	System And Method For Controlling Optical Sources, Such As Laser Diodes, And Computer Program Product Therefor		5/19/05				
30040578	01	GB	Pending	An Adaptive Transmitter Arrangement For Optical Fibre Communications And Related Method	0428033.5	12/22/04				
30040578	02	US	Pending	An Adaptive Transmitter Arrangement For Optical Fibre Communications And Related Method	11/218106	9/1/05				
30040636	01	GB	Pending	Optical Transceiver	0424475.2	11/5/04				
30040637	01	GB	Pending	Optical Transceiver	0424477.8	11/5/04				
30040720	01	GB	Pending	Laser Arrangement And Related Manufacturing Method	0422691.6	10/13/04				
30040838	01	GB	Published	High Density Electrical Connector Apparatus	0411213.2	5/20/04	2414347	11/23/05		
30040925	01	GB	Pending	Temperature Control Of Heat-Generating Devices	0423344.1	10/21/04				
30040925	02	US	Pending	Temperature Control Of Heat-Generating Devices		10/21/05				
30041011	01	GB	Pending	Optical Transmitter	0424017.2	10/29/04				
30041011	02	US	Pending	Optical Transmitter		10/26/05				
30041017	01	GB	Pending	Cooling Of Electronic Or Optical Devices	0423341.7	10/21/04				
30041056	01	GB	Pending	Optical Networking Systems	0423340.9	10/21/04				
30041056	02	US	Pending	Optical Networking Systems		10/21/05				
30041134	01	GB	Pending	Communications Test Receiver	0502185.2	2/3/05				
30041135	01	US	Pending	Optical Unit Having A Transmitter Including A Semiconductor Source And Fiber Optic Element And Method Of Making Same	11/153545	6/16/05				
30041259	01	GB	Pending	An Optical Coupling Arrangement, A Method Of Producing Same, And Related Coupling Process	0423687.3	10/26/04				
30041448	01	GB	Pending	Keyed Transceiver Module	0502706.5	2/10/05				
30041454	01	GB	Pending	An Optical Device	0513955.5	7/7/05				
30041543	01	GB	Pending	Improved PCB And Connector Design	0512387.2	6/17/05				
30041545	01	GB	Pending	Method And Apparatus For Providing Diagnostic Features For An Optical Transceiver	0513895.3	7/7/05				
30050080	01	GB	Pending	Optical Fibre Connector	0507866.2	4/19/05				
30050094	01	GB	Pending	Method Of Equalising A Channel And Apparatus Therefor	0502186.0	2/3/05				
30050094	02	US	Unfiled	Method Of Equalising A Channel And Apparatus Therefor						
30050235	01	GB	Pending	A Lens Arrangement For Optical Sources And Related Method	0504139.7	3/1/05				
30050796	01	GB	Pending	Optoelectronic Device	0513957.1	7/7/05				
30050797	01	GB	Pending	Optoelectronic Assembly With Heat Sink	0513958.9	7/7/05				
30050798	01	GB	Pending	Multimode Optical Fibre Communication System	0513898.7	7/7/05				
30050799	01	GB	Pending	Housing Of Circuit Boards	0513956.3	7/7/05				
30050912	01	GB	Pending	Averaging Circuit Apparatus, Error Signal Generation System And Method Of Averaging An Error Signal	0513900.1	7/7/05				
30050943	01	GB	Pending	Reference Module Apparatus And Method Therefor	0513959.7	7/7/05				
30050946	01	GB	Pending	Integrated Circuit Apparatus And Method Of Compensating A Current	0513960.5	7/7/05				
30051004	01	GB	Pending	Variable Gain Feedback Amplifier Circuit Apparatus And Method Therefor	0513894.6	7/7/05				
3094101	05	GB	Granted	Fibre Feedthru	87310670.2	12/3/87			0274222	3/3/93
3094101	07	US	Granted	Optical Fiber Feedthrough	07/814268	12/24/91			5177806	1/5/93
3094103	04	US	Granted	Fibre Align Fix	07/931124	8/17/92			5222170	6/22/93
3094105	03	US	Granted	Fibre Feedthru	07/074793	7/17/87			4826276	5/2/89
3094108	03	US	Granted	Ball Lens	07/391453	3/12/87			4983009	1/8/91
3094111	01	US	Granted	Wimpy Tube	07/147830	1/25/88			4865410	9/12/89
3094114	03	GB	Granted	Plastic Plug	89307082.1	7/12/89			0351211	7/5/95
3094114	05	US	Granted	Plastic Plug	07/921325	7/29/92			RE34790	11/15/94
3094114	06	JP	Granted	Plastic Plug	507892.89	7/12/89			2513880	4/30/96
3094122	05	US	Granted	Device Mounting	07/424236	3/31/89			4995546	2/26/91
3094129	01	US	Granted	Aspheric Lens	07/472995	1/31/90			5037174	8/6/91
3094130	02	US	Granted	Optical Baffle	07/917004	1/16/91			5315680	5/24/94
3094138	01	US	Granted	Optical Twin Gu	07/949887	3/28/91			5454058	9/20/95
3094141	02	US	Granted	Fibre Feedthrough	07/924076	3/28/91			5305413	4/19/94
3094143	02	US	Granted	Miniature Optic	07/834440	2/12/92			5325456	1/28/94
3094145	02	US	Granted	Laser Amplifier	07/959473	10/9/92			5224116	1/29/93
3094145	05	JP	Granted	Laser Amplifier	PH02-504258	3/8/90	04-504032	7/16/92	2927943	5/14/99
3094148	02	US	Granted	Beryllium Guard	07/820630	1/8/90			5233209	8/3/93
3094149	02	US	Granted	Fused Fibre Cou...	07/835439	8/31/90			5288301	2/22/94
3094154	02	US	Granted	Fibre Amplifier	08/367155	8/20/93			5521753	5/28/96
3094154	03	FR	Granted	Fibre Amplifier	93918063.4	8/20/93			0656155	1/7/98

3094154	05	GB	Granted	Fibre Amplifier	93918063.4	8/20/93			0656155	1/7/98
3094157	02	US	Granted	Halfshell Receptacle	08/374511	1/13/95			5577146	11/19/96
3094158	02	US	Granted	Angled Pigtail	08/481446	12/23/93			5623569	4/22/97
3094161	02	US	Granted	Slit Sleeve Rec.	08/428230	11/30/93			5577145	11/19/96
3094161	04	DE	Granted	Slit Sleeve Rec.	94902026.7	11/30/93			89322977.2	1/7/99
3094161	05	GB	Granted	Slit Sleeve Rec.	94902026.7	11/30/93			0671020	1/7/99
3094161	06	JP	Granted	Slit Sleeve Rec	PH04-320772	11/30/92	06-208044	7/26/94	P3301791	4/26/02
3094171	03	US	Granted	Optical Device And Method Of Making The Same	06/656280	12/21/94			6424765	7/23/02
3094171	05	DE	Granted	Reduced Reflectance	95903867.0	12/21/94	0736190	10/9/96	69426707.4	2/14/01
3094171	06	FR	Granted	Reduced Reflectance	95903867.0	12/21/94	0736190	10/9/96	0736190	2/14/01
3094171	07	GB	Granted	Reduced Reflectance	95903867.0	12/21/94	0736190	10/9/96	0736190	2/14/01
3094173	02	US	Granted	Packaged Optical Amplifier Assembly	08/750671	3/27/97			5917648	6/29/99
3094173	05	DE	Granted	Packaged Optical Amplifier Assembly	95920174.0	6/16/95			69530202.7	4/2/03
3094173	06	FR	Granted	Packaged Optical Amplifier Assembly	95920174.0	6/16/95			0766878	4/2/03
3094173	07	GB	Granted	Packaged Optical Amplifier Assembly	95920174.0	6/16/95			0766878	4/2/03
3094174	05	US	Granted	Bias Controller And Method	08/809738	10/23/95			5889802	3/30/99
30950053	02	US	Granted	Optical Connector	08/724983	10/3/96			5745621	4/28/98
30960070	03	US	Granted	Multimode Communications Systems	08/945993	3/10/97			6064786	5/16/00
30960070	04	JP	Pending	Multimode Offset	PH09-531593	3/10/97				
30960070	06	DE	Granted	Multimode Communications Systems	97906287.4	3/10/97			69727271.0	1/21/04
30960070	07	FR	Granted	Multimode Communications Systems	97906287.4	3/10/97			0826276	1/21/04
30960070	08	GB	Granted	Multimode Communications Systems	97906287.4	3/10/97			0826276	1/21/04
30960072	04	US	Granted	U-Magnet	09/155265	4/7/97			6055102	4/25/00
30960072	06	CN	Granted	U-Magnet	97194511.X	4/7/97	1220739	6/23/99	97194511.X	1/12/05
30960072	08	JP	Pending	U-Magnet	PH09-541755	4/7/97	2000-51096	8/22/00		
30960072	09	DE	Granted	U-Magnet	97947644.7	4/7/97			69714248.5	7/24/02
30960072	10	GB	Granted	U-Magnet	97947644.7	4/7/97			0900405	7/24/02
30960100	01	EP	Pending	Optical Fibre Microlens And Optical Radiation Source Employing Same	96305605.6	7/30/96	0822429	2/4/98		
30960100	02	US	Granted	Optical Fibre Microlens And Optical Radiation Source Employing Same	08/892961	7/16/97			5940557	8/17/99
30960100	03	JP	Pending	Optical Fibre Microlens And Optical Radiation Source Employing The Same	PH09-191688	7/17/97				
30960125	02	US	Granted	Fabrication Of Semiconductor Devices	09/015010	1/28/98			6289030	9/11/01
30970084	02	US	Granted	Multimode Communications Systems	09/076644	5/12/98			6304352	10/16/01
30970084	04	JP	Pending	Multimode Communications Systems	PH10-548922	5/13/98	2001-52594	12/11/01		
30970084	06	US	Granted	Multimode Communications Systems	09/932911	8/20/01			6609834	8/26/03
30970084	07	DE	Granted	Patchcord	98921593.4	5/13/98	0983650	3/8/00	69808454.3	10/2/02
30970084	08	FR	Granted	Patchcord	98921593.4	5/13/98	0983650	3/8/00	0983650	10/2/02
30970084	09	GB	Granted	Patchcord	98921593.4	5/13/98	0983650	3/8/00	0983650	10/2/02
30970089	02	US	Granted	Electrical Isolation Of Opto-Electronic Device Components	09/152577	9/14/98			6191464	2/20/01
30970089	04	JP	Pending	Isolated Laser	PH10-318842	11/10/98				
30970089	05	DE	Granted	Isolated Laser	97309032.7	11/11/97	0917260	5/19/99	69721272.6	4/23/03
30970089	06	GB	Granted	Isolated Laser	97309032.7	11/11/97	0917260	5/19/99	0917260	4/23/03
30970102	04	US	Granted	Eyesafe Ic	09/178312	10/23/98			6028871	2/22/00
30970148	02	US	Granted	Optical Connection	09/209208	12/10/98			6371661	4/16/02
30980021	01	EP	Pending	Semiconductor Device Cleave Initiation	98305435.4	7/8/98	0977276	2/2/00		
30980021	03	US	Granted	Semiconductor Device Cleave Initiation	09/349253	7/8/99			6335559	1/1/02
30990132	01	US	Granted	Optoelectronic Component	09/430367	10/28/99			6461058	10/8/02
36020033	01	EP	Published	An Arrangement For Monitoring The Emission Wavelength And Power Of An Optical Source	02251897.1	3/16/02	1345297	9/17/03		
36020364	01	EP	Published	A Mounting Arrangement For High Frequency Electro optical Components	02255627.8	8/13/02	1389812	2/18/04		
36020364	02	US	Published	A Mounting Arrangement For High Frequency Electro optical Components	10/636167	8/7/03	0120370	6/24/04		
36020411	01	EP	Published	System For Controlling Power, Wavelength And Extinction Ratio In Optical Sources, And Computer Program Product Therefor	02251896.3	3/16/02	1345296	9/17/03		
36020412	01	EP	Published	A Method And System For Turning On An Optical Radiation Source	02251895.5	3/16/02	1345295	9/17/03		
36020412	02	US	Granted	A Method And System For Turning On An Optical Radiation Source	10/388566	3/14/03	0173353	9/18/03	6933475	8/23/05
36020661	01	EP	Published	A Method And A Carrier For Treating End Facets In Photonic Devices	02257565.8	10/31/02	1416597	5/6/04		
36020661	02	US	Granted	Method And A Carrier For Treating End Facets In Photonic Devices	10/637978	8/8/03	0086645	5/6/04	6809007	10/26/04
36020661	03	JP	Published	A Method And A Carrier For Treating End Facets In Photonic Devices	P2003-366985	10/28/03	2004153272	5/27/04		
36020770	01	US	Published	A Method Of Manufacturing Integrated Semiconductor Devices And Related Devices	10/350611	1/24/03	0146236	7/29/04		

36020916	01	DE	Tracking	Optical Tellurite Glasses For Optical Waveguide Amplifiers And Oscillators, And Process For Producing Them	10139904.9	8/15/01						
36021212	01	EP	Published	Electrical Connection Arrangement, Component And Method, For Instance For High Speed Optical Transceivers	03251328.5	3/5/03	1455208	9/8/04				
36021212	02	US	Pending	Electrical Connection Arrangement, Component And Method, For Instance For High Speed Optical Transceivers	10/778959	2/13/04						
36021247	01	EP	Published	Transmitter Optical Sub Assembly, For Instance For High Speed Optical Transceivers	03251711.2	3/19/03	1460739	9/22/04				
36021247	02	US	Published	Transmitter Optical Sub Assembly, For Instance For High Speed Optical Transceivers	10/804696	3/19/04	0184742	9/23/04				
36030108	01	EP	Published	Method To Inject Pilot Tone Into Microcontroller-Supervised DWDM Transmitters	03250217.1	1/14/03	1439644	7/21/04				
36030108	02	US	Published	Method To Inject Pilot Tone Into Microcontroller-Supervised DWDM Transmitters	10/756626	1/13/04	0146307	7/29/04				
36030206	01	GB	Published	Low Cost Optical Module	0303526.8	2/15/03	2398391	7/23/04				
36030206	02	US	Pending	Low Cost Optical Module	10/772949	2/5/04						
36030207	01	EP	Published	Voltage-To-Current Converter	03250744.4	2/5/03	1445678	8/11/04				
36030207	02	US	Pending	Voltage-To-Current Converter	10/771546	2/5/04						
36030243	01	GB	Published	An Electro-Optical Communication System	0322055.5	9/20/03	2406237	3/23/05				
36030243	02	US	Published	An Electro-Optical Communication System	10/918155	8/13/04	2005-0063711	3/24/05				
36030289	01	EP	Published	Optical Wavelength Control System	03251480.4	3/12/03	1458070	9/15/04				
36030289	02	US	Pending	Optical Wavelength Control System	10/798142	3/11/04						
36030312	02	US	Pending	A Mounting Arrangement For Optical Components	10/810297	3/26/04						
36030314	01	US	Granted	A Mounting Arrangement For Plug-in Modules	10/426885	4/30/03				6824416	11/30/04	
36030381	01	GB	Published	A Method And A System For Evaluating Aging Of Components, And Computer Program Product Therefor	0319993.2	8/27/03	2405496	3/2/05				
36030381	02	US	Published	A Method And A System For Evaluating Aging Of Components, And Computer Program Product Therefor	10/918688	8/13/04	2005/0049833	3/3/05				
36030408	01	US	Pending	Wide Tuneable Laser Sources	10/835080	4/29/04						
36030409	01	US	Pending	Wide Tuneable Laser Sources	10/835089	4/29/04						
36030480	01	EP	Published	A Hermetic Mounting Arrangement, For Instance For Optical And Optoelectronic Sub-assemblies	03253222.8	5/23/03	1480301	11/24/04				
36030480	02	US	Pending	A Hermetic Mounting Arrangement, For Instance For Optical And Optoelectronic Sub-Assemblies	10/849638	5/19/04						
36030667	01	GB	Published	An Arrangement For Dissipating Heat In Electro-Optical Communication Systems	0321265.1	9/11/03	2405993	3/16/05				
36030667	02	US	Published	An Arrangement For Dissipating Heat In Electro-Optical Communication Systems	10/938853	9/13/04	0094688	5/5/05				
36030944	01	GB	Published	A Method For Fabricating Masters For Imprint Lithography And Related Imprint Process	0323301.2	10/4/03	2406543	4/6/05				
36030944	02	US	Published	A Method For Fabricating Masters For Imprint Lithography And Related Imprint Process	10/945598	9/21/04	2005-0074697	4/7/05				
36030973	01	GB	Published	Apparatus For Monitoring Deposition Processes	0410099.6	5/6/04	2413844	11/9/05				
36030973	02	US	Pending	Apparatus For Monitoring Deposition Processes	11/025104	12/29/04						
36030997	01	GB	Published	A Process For Manufacturing Semiconductor Devices And Related Semiconductor Device	0404157.0	2/25/04	2411520	8/31/05				
36030997	02	US	Published	A Process For Manufacturing Semiconductor Devices And Related Semiconductor Device	11/040540	1/21/05	0186798	8/25/05				
36031015	01	GB	Published	Improved Quantum Dot Structure	0329610.0	12/20/03	2409334	6/22/05				
36031065	01	US	Granted	A Method And System For Turning On An Optical Radiation Source	10/713976	11/14/03	0104213	6/3/04	6911629	6/28/05		
36031498	01	GB	Pending	Improved Low Cost Optical Amplifier	0415711.1	7/14/04						
36031498	02	US	Pending	Improved Low Cost Optical Amplifier	11/181307	7/14/05						
36040150	01	US	Published	A Connection Arrangement For Optical Communication Systems	10/809298	3/25/04	0213895	9/29/05				
36040437	01	GB	Pending	Optical Wavelength Control System And Related Method Of Assembly	0420899.7	9/21/04						
36040437	02	US	Pending	Optical Wavelength Control System And Related Method Of Assembly		9/9/05						
36040766	01	GB	Pending	An Integrated Modulator/Laser Assembly And A Method Of Producing Same	0422311.1	10/8/04						
36040766	02	US	Pending	An Integrated Modulator/Laser Assembly And A Method Of Producing Same	11/153672	6/15/05						
36040766	03	JP	Pending	An Integrated Modulator/Laser Assembly And A Method Of Producing Same	P2005-296333	10/11/05						
36041171	01	US	Pending	Radiation Absorption In Electro-Optical Devices	11/049171	2/2/05						

36050185	01	GB	Pending	A Method And System For Stabilizing Operation Of Laser Sources	0522250.0	11/1/05					
36050456	01	GB	Pending	An Integrated Modulator-Laser Structure And A Method Of Producing Same	0519628.2	9/27/05					
36050972	01	GB	Pending	A Method Of Providing Electrical Separation In Integrated Devices And Related Device	0516685.5	8/15/05					
40003800	01	JP	Pending	LED And Method Of Making Same	P2000-248969	8/18/00					
40003800	02	US	Granted	Light-Emitting Diode And Method Of Producing The Same	09/929332	8/14/01	0020848	2/21/02	6617617	9/9/03	
40003800	03	US	Granted	Light-Emitting Diode And Method Of Producing The Same	10/402625	3/28/03	0183836	10/2/03	6893890	5/17/05	
40003857	01	JP	Pending	Motion Detecting Apparatus	P2001-211629	7/12/01	2003-03267	1/31/03			
40004101	01	JP	Pending	LED Device Using MID Conductive Line	P2001-035317	2/13/01	2002246650	8/30/02			
40004101	02	US	Granted	A Light Emitting Diode And A Method For Its Manufacture	10/071987	2/8/02	0158320	10/31/02	6940102	9/6/05	
40004101	03	DE	Pending	LED Device Using MID Conductive Line	10205698.6	2/12/02	10205698	10/31/02			
40004102	01	JP	Pending	Home Security Video System Using Internet Technique	P2000-365915	11/30/00	2002-17017	6/14/02			
40004102	02	US	Pending	Home Security Video System Using Internet Technique	09/989772	11/20/01					
40010976	01	JP	Pending	LIGHT-EMITTING DIODE AND METHOD FOR ITS PRODUCTION	P2001-311899	10/9/01	2003124525	4/25/03			
40010976	02	US	Granted	LIGHT-EMITTING DIODE AND METHOD FOR ITS PRODUCTION	10/267157	10/9/02	0067264	4/10/03	6850001	2/1/05	
40010976	03	US	Published	LIGHT-EMITTING DIODE AND METHOD FOR ITS PRODUCTION	10/747423	12/29/03	0140765	7/22/04			
40010976	04	US	Published	LIGHT-EMITTING DIODE AND METHOD FOR ITS PRODUCTION	10/909683	8/2/04	0001230	1/6/05			
40021132	02	WO	Published	Image Pickup Module Having Zoom For Mobile Device	JP03/13914	10/29/03	04/040365	5/13/04			
40021132	03	CN	Pending	CAMERA MODULE HAVING FUNCTION OF CHANGING LENSES	200380102657.9	4/30/05					
40021132	04	KR	Pending	CAMERA MODULE HAVING FUNCTION OF CHANGING LENSES	2005-7007392	4/28/05					
40021132	05	JP	Pending	CAMERA MODULE HAVING FUNCTION OF CHANGING LENSES	P2004-548082	4/4/05					
40021265	01	JP	Published	Optical Communication Module	P2003-061914	3/7/03	2004274362	9/30/04			
40030594	01	JP	Pending	Photocoupler Having A Structure For Compensating Non-linearity	P2003-197347	7/15/03					
40030594	02	US	Published	Photocoupler With Compensation Circuit	10/873886	6/22/04	012687	1/20/05			
40030594	03	GB	Published	Optical Interconnect With Compensation Circuit And Two Leds	0414365.7	6/28/04	2404104	1/19/05			
40030594	04	HK	Pending	Photocoupler With Compensation Circuit	05105688.1	7/6/05					
40030912	01	JP	Published	LED Drive Circuit	P2003-287155	8/5/03	2005-057094	3/3/05			
40030912	02	US	Published	LED Drive Circuit	10/873893	6/22/04	0029527	2/10/05			
40030912	03	DE	Published	LED Drive Circuit	102004036590.3	7/28/04	102004036590	3/10/05			
40031526	01	JP	Published	Cellular Phone Having Color Detecting Function	P2004-040828	2/18/04	2005236470	9/2/05			
40031563	01	JP	Published	Display System With Color Calibration Function	P2004-040827	2/18/04	2005236469	9/2/05			
40040061	01	JP	Published	Light Emitting Diode	P2004-057143	3/2/04	2005251824	9/15/05			
40040061	02	US	Published	Light Emitting Diode	11/058759	2/16/05	0194600	9/8/05			
40040061	03	EP	Pending	Light Emitting Diode	05003836.3	2/23/05					
40040061	04	DE	Unfiled	Light Emitting Diode							
40040061	05	GB	Unfiled	Light Emitting Diode							
40040061	06	CN	Published	Light Emitting Diode	2000510007538.6	2/5/05	1665039	9/7/05			
40040526	01	JP	Pending	Light Emitting Diode And Light Emitting Control System Using Same	P2004-253795	9/1/04					
40040526	02	US	Pending	Light Emitting Diode And Light Emitting Control System Using Same	11/207252	8/19/05					
40040526	03	CN	Pending	Light Emitting Diode And Light Emitting Control System Using Same	200510098239.8	9/1/05					
40040526	04	KR	Unfiled	Light Emitting Diode And Light Emitting Control System Using Same							

40040582	01	JP	Pending	Mounting Of Light Emitting Diode	P2004-174944	6/14/04			
40040582	02	US	Pending	Mounting Of Light Emitting Diode	11/144863	6/3/05			
40040582	03	CN	Pending	Mounting Of Light Emitting Diode	20051007715 8.X	6/14/05			
40040695	01	JP	Pending	Autofocus Detecting System And Assitant Module Therefor	P2004-305977	10/20/04			
40040824	01	JP	Pending	Lighting Device And Method Of Making Same	P2004-342502	11/26/04			
40040824	02	US	Pending	Light-Emitting Device And Mthod Of Making Same	11/252917	10/18/05			
40040824	03	EP	Unfiled	Light-Emitting Device And Mthod Of Making Same					
40040824	04	CN	Unfiled	Light-Emitting Device And Mthod Of Making Same					
40040824	05	DE	Unfiled	Light-Emitting Device And Mthod Of Making Same					
40040824	06	GB	Unfiled	Lighting Device And Method Of Making Same					
40040898	01	JP	Pending	LIGHT-EMITTING DIODE AND METHOD FOR ITS PRODUCTION	P2004-233084	8/10/04			
40040898	02	US	Pending	LIGHT-EMITTING DIODE AND METHOD FOR ITS PRODUCTION	11/188413	7/25/05			
40040898	03	EP	Pending	LIGHT-EMITTING DIODE AND METHOD FOR ITS PRODUCTION	05106750.2	7/22/05			
40040898	04	DE	Unfiled	LIGHT-EMITTING DIODE AND METHOD FOR ITS PRODUCTION					
40040898	05	GB	Unfiled	LIGHT-EMITTING DIODE AND METHOD FOR ITS PRODUCTION					
40040898	06	CN	Pending	LIGHT-EMITTING DIODE AND METHOD FOR ITS PRODUCTION	20051009020 8.8	8/10/05			
40041038	01	JP	Pending	Light Communication System And Illumination Apparatus Therefor	P2004-253936	9/1/04			
40041038	02	US	Pending	Light Communication System And Illumination Apparatus Therefo	11/212980	8/26/05			
40041038	03	EP	Pending	Light Communication System And Illumination Apparatus Therefo	050107811.1	8/25/05			
40041038	04	DE	Unfiled	Light Communication System And Illumination Apparatus Therefo					
40041038	05	GB	Unfiled	Light Communication System And Illumination Apparatus Therefo					
40041038	06	CN	Pending	Light Communication System And Illumination Apparatus Therefor	20051009824 0.0	9/1/05			
40041039	01	JP	Pending	Optical Communication System, And Lighting And Terminal Devices Therefor	P2005-195990	7/5/05			
40041130	01	JP	Unfiled	Hayashi					
40041150	01	JP	Unfiled	Smart Adaptive PL Driver Configuration					
40041151	01	JP	Unfiled	Hayashi					
40050548	01	JP	Pending	Backlight Control System For Small Size Display, LCD Panel Therefor And Method Of Making Backlight Control System	P2005-057334	3/2/05			
40050548	02	US	Unfiled	Backlight Control System For Small Size Display, LCD Panel Therefor And Method Of Making Backlight Control System					
40050548	03	TW	Unfiled	Backlight Control System For Small Size Display, LCD Panel Therefor And Method Of Making Backlight Control System					
40050554	01	JP	Pending	Light Emitting Diode And Display Device Using Same	P2005-294707	10/7/05			
40050737	01	JP	Unfiled	Hayashi					
40050738	01	JP	Pending	Display Device	P2005-119215	4/18/05			
40050738	02	US	Unfiled	Display Device					
40050738	03	CN	Unfiled	Display Device					
40050738	04	EP	Unfiled	Display Device					
40051225	01	JP	Pending	Particle Detecting Device And Method Of Detecting Particles To Be Used Therein	P2005-242605	8/24/05			
4093015	01	JP	Granted	Optical Position Encoder	UH05-046173	8/1/93		U2604986	4/7/00
50050232	01	US	Pending	An Xb/yb Coder Programmed Within An Embedded Array Of A Programmable Logic Device	11/242689	10/4/05			
50050357	01	IN	Pending	A New Approach To Perform Color Space Conversation	1372/DEL/200 5	5/27/05			
50050357	02	US	Pending	Color Space Conversion By Storing And Reusing Color Values	11/232258	9/20/05			
50050357	03	GB	Unfiled	A New Approach To Perform Color Space Conversation					
50050357	04	JP	Unfiled	A New Approach To Perform Color Space Conversation					

50050810	01	IN	Unfiled	Method For Faster Access To Color Table Data Used In Colorspace Conversation						
60000320	11	US	Granted	Method Of And Apparatus For Measuring Transverse Moments Of An Electromagnetic Field Associated With An Optical Beam	06/669606	11/8/84			4934819	6/19/90
60000363	10	US	Granted	Method Of And Device For Coupling Loss Measurement Between Monomode Optical Fibres	06/870167	6/3/86			4741615	5/3/88
60000375	02	US	Granted	Optical-Fiber Transmission System With Polarization Modulation And Heterodyne Coherent Detection	07/035623	4/3/87			4817206	3/28/89
60000375	03	CA	Granted	Optical-Fiber Transmission System with Polarization Modulation and Heterodyne Coherent Detection	534179	4/8/87			1250897	3/7/89
60000401	08	US	Granted	Method Of Reducing Optical-Fiber Attenuation	07/266734	11/3/88			4925472	5/15/90
60000402	07	US	Granted	Device For Coupling Single-Mode Optical Fibers	07/266724	11/3/88			4900120	2/13/90
60000405	02	US	Granted	Node For A Fast Packet-Switching Network In Optical-Electrical Technology	07/297573	1/13/89			4939721	7/3/90
60000407	04	US	Granted	Method And Device For Automatic Frequency Control Of Semiconductor Lasers	07/328439	3/24/89			4918700	4/17/90
60000407	07	GB	Granted	Method and Device for Automatic Frequency Control of Semiconductor Lasers	89105665.7	3/30/89			0336308	10/13/93
60000431	02	US	Granted	Interferometric Optical System For Measuring Linear Or Angular Displacements By Beat Signals	07/537476	6/13/90			5089698	2/18/92
60000435	02	US	Granted	Fast Packet and Frequency Switch	07/555248	7/19/90			5099347	3/24/92
60000447	02	US	Granted	Method Of Adjusting The Operating Characteristics Of Integrated Optical Devices	07/658217	2/20/91			5139556	8/18/92
60000453	02	US	Granted	Optical Spectroscopy System	07/684041	4/11/91			5144374	9/1/92
60000456	02	US	Granted	Method Of Measuring The Nonlinear Refractive Index Coefficient Of A Bistable Resonant Cavity Optical Component	07/719311	6/21/91			5166744	11/24/92
60000456	06	GB	Granted	Method of Measuring the Nonlinear Refractive Index Coefficient of a Bistable Resonant Cavity Optical Component	91111042.7	7/3/91			0464798	9/28/94
60000471	02	US	Granted	Device For Introducing Reagents Into An Organometallic Vapour Phase Deposition Apparatus	07/856243	3/25/92			5224513	7/6/93
60000471	06	GB	Granted	Device for Introducing Reagents into an Organometallic Vapour Phase Deposition Apparatus	92109299.5	6/2/92			0535308	3/1/95
60000473	02	US	Granted	High-Resolution Spectroscopy System	07/859822	3/30/92			5305077	4/19/94
60000473	06	GB	Granted	High-Resolution Spectroscopy System	92110768.6	6/26/92			0520463	4/5/95
60000480	02	US	Granted	Apparatus For Measuring The Effective Refractive Index In Optical Fibres	07/989332	12/11/92			5357333	10/18/94
60000480	05	GB	Granted	Apparatus for Measuring the Effective Refractive Index in Optical Fibres	92121833.5	12/22/92			0548935	11/2/95
60000484	02	US	Granted	Optical Demultiplexing System	08/040120	3/30/93			5416625	5/16/95
60000485	10	US	Granted	Optical Switch for Fast Cell-Switching Network	08/348770	12/2/94			5450225	9/12/95
60000492	02	US	Granted	Vapour Generator For Chemical Vapour Deposition Systems	08/139395	10/18/93			5380367	1/10/95
60000492	07	GB	Granted	Vapour Generator for Chemical Vapour Deposition Systems	93119521.8	12/3/93			0600503	3/20/96
60000516	02	US	Granted	Method For The Generation Of Ultra-Short Optical Pulses	08/362153	12/22/94			5548603	8/20/96
60000518	02	US	Granted	Optical Processing Device For Light Radiation	08/401564	3/9/95			5559323	9/24/96
60000519	02	US	Granted	Device For The Phase Realignment Of ATM Cells In Optical ATM Nodes	08/404954	3/16/95			5526156	6/11/96
60000521	02	US	Granted	Method and Device for the Measurement of the Viscoelastic Properties of Polymeric Coatings of Optical Fibres	08/418603	4/7/95			5578762	11/26/96
60000522	02	US	Granted	Method Of And Device For Controlling The Peak Power Of A Laser Transmitter In Discontinuous Optical Transmission Systems	08/419030	4/10/95			5530712	6/25/96
60000522	04	DE	Granted	Method of and Device for Controlling the Peak Power of a Laser Transmitter in Discontinuous Optical Transmission Systems	95107758.5	5/20/95			0683552	11/18/98
60000522	07	GB	Granted	Method of and Device for Controlling the Peak Power of a Laser Transmitter in Discontinuous Optical Transmission Systems	95107756.5	5/20/95			0683552	11/18/98
60000544	10	US	Granted	Method For The Fabrication Of Polarisation-Maintaining Optical Fibres	08/975338	11/20/97			6209356	4/3/01
60000548	02	US	Granted	Improvements to Underground Tubular Ducts for Telecommunication Networks	08/603871	2/22/96			5789708	8/4/98

60000554	02	US	Granted	Method Of And Device For Measuring The Refractive Index Of Wafers Of Vitreous Material	08/610499	3/6/96			5659393	8/19/97
60000554	05	FR	Granted	Method of and Device for Measuring the Refractive Index of Wafers of Vitreous Material	96105471.5	4/4/96			0736766	11/24/99
60000554	06	GB	Granted	Method of and Device for Measuring the Refractive Index of Wafers of Vitreous Material	96105471.5	4/4/96			0736766	11/24/99
60000555	02	US	Granted	Method of and Device for Measuring the Kerr Non-Linearity Coefficient in a Single Mode Optical Fibre	08/608481	2/28/96			5619321	4/8/97
60000562	02	US	Granted	Method Of And Device For Measuring Nonlinear Refractive Index In A Single Mode Optical Fibre	08/635012	4/19/96			5661554	8/26/97
60000570	02	US	Granted	Device For And Method Of Modifying The Spectral Characteristics Of Optical Signals	08/690068	7/31/96			5754334	5/19/98
60000588	02	CA	Granted	Method For Manufacture Of Lasers With Tapered Guide Region	2249398	3/19/97			2249398	6/12/01
60000588	06	FR	Granted	Method For Manufacture Of Lasers With Tapered Guide Region	97915395.4	3/19/97	0888653	10/2/97	0888653	6/5/02
60000588	07	DE	Granted	Method For Manufacture Of Lasers With Tapered Guide Region	97915395.4	3/19/97	0888653	10/2/97	69713076.2	6/5/02
60000588	09	GB	Granted	Method For Manufacture Of Lasers With Tapered Guide Region	97915395.4	3/19/97	0888653	10/2/97	0888653	6/5/02
60000591	02	US	Granted	Circuit In CMOS Technology For High Speed Driving Of Optical Sources	08/815118	3/11/97			5828246	10/27/98
60000596	02	US	Granted	Method and Device for the Generation of Ultrashort Optical Pulses	08/869935	6/5/97			5852700	12/22/98
60000602	02	US	Granted	Active Single-Mode Optical Fibres And Method For Their Fabrication	08/962371	10/31/97			5991486	11/23/99
60000613	02	US	Granted	Non-Linear Optical Coupler	09/028042	2/23/98			5963688	10/5/99
60000624	02	US	Granted	Improvements To Induction Furnaces For The Synthesis Of Glass	09/108626	7/1/98			6014403	1/11/00
60000634	02	US	Granted	Opto-Electronic Frequency Divider Circuit And Method Of Operating Same	09/199144	11/24/98			6204956	3/20/01
60000634	06	US	Granted	Opto-Electronic Frequency Divider Circuit And Method Of Operating Same	09/766683	1/17/01			6323991	11/27/01
60000657	02	US	Granted	Method Of And Device For Polarisation-Independent Optical Demultiplexing	09/443083	11/18/99			6661549	12/9/03
60000664	01	IT	Granted	Method Of And Device For Coupling Optical Fibres And Optoelectronic Components	TO99A000159	3/3/99			01308402	12/17/01
60000664	05	US	Granted	Method Of And Device For Coupling Optical Fibres And Optoelectronic Components	09/514210	2/28/00			6389202	5/14/02
60000671	04	JP	Pending	Process And Equipment For Forming Flat Layers Of Vitreous Silica By Using An Inductively Coupled Plasma Torch	P2000-204133	7/5/00				
60000672	01	IT	Pending	Receiver For Signals In A Discontinuous Flow And Corresponding Receiving Process	TO99A000687	8/3/99				
60000672	04	US	Granted	Receiving For Signals In A Discontinuous Flow And Corresponding Receiving Process	09/630961	8/2/00			6775343	8/10/04
60000673	04	US	Granted	Method Of And Device For Stabilizing The Emission Wavelength Of A Laser Source	09/631984	8/3/00			6574251	6/3/03
60000673	05	JP	Pending	Method Of And Device For Stabilizing The Emission Wavelength Of A Laser Source	P2000-237910	8/7/00	2001-07746	3/23/01		
60000673	06	GB	Granted	Method Of And Device For Stabilizing The Emission Wavelength Of A Laser Source	00114383.3	7/5/00	1075063	9/11/02	1075063	4/28/04
60000673	07	DE	Granted	Method Of And Device For Stabilizing The Emission Wavelength Of A Laser Source	00114383.3	7/5/00	1075063	9/11/02	60010185.1	4/28/04
60000675	01	IT	Granted	Device For Inserting And Extracting Optical Carriers In Optical Communication Networks	TO99A000816	9/23/99			01308838	1/11/02
60000675	03	US	Granted	Device For Inserting And Extracting Optical Carriers In Optical Communications Networks	09/667672	9/22/00			6631245	10/7/03
60000675	04	EP	Pending	Device For Inserting And Extracting Optical Carriers In Optical Communication Networks	00117001.8	8/8/00	1087561	3/28/01		
60000675	05	JP	Pending	Device For Inserting And Extracting Optical Carriers In Optical Communication Networks	P2000-288771	9/22/00				
60000677	01	IT	Granted	Tunable Device For Inserting And Extracting Optical Carriers In Optical Communication Networks	TO99A000875	10/11/99			01309096	1/16/02
60000677	02	JP	Pending	Tunable Device For Inserting And Extracting Optical Carriers In Optical Communication Networks	P2000-310133	10/11/00	2001-14745	5/29/01		
60000677	05	US	Granted	Tunable Device For Extracting And Inserting Optical Carriers In Optical Communication Networks	09/685572	10/11/00			6836621	12/28/04
60000677	06	FR	Granted	Tunable Optical Add/drop Multiplexer	00118733.5	8/30/00			1093010	10/20/04
60000677	07	DE	Granted	Tunable Optical Add/drop Multiplexer	00118733.5	8/30/00			60015044.5	10/20/04

60000677	08	GB	Granted	Tunable Optical Add/drop Multiplexer	00118733.5	8/30/00			1093010	10/20/04
60000678	02	JP	Pending	Method And Device For Thermal Control Of Electronic Devices	P2000-309983	10/11/00				
60000678	03	EP	Published	Process And Device For The Thermal Conditioning Of Electronic Components	00118732.7	8/30/00	1096626	1/14/04		
60000678	04	US	Granted	Process And Device For The Thermal Conditioning Of Electronic Components	09/695244	10/25/00			6384385	5/7/02
60000683	01	IT	Granted	Method Of And Device For Optical Fibre Grating Manufacture	TO99A001125	12/21/99			1311335	3/12/02
60000683	03	EP	Published	Method Of And Device For Optical Fibre Grating Manufacture	00120971.7	9/27/00	1111415	6/27/01		
60000683	04	US	Granted	Process And Device For Making Gratings In Optical Fibres	09/733962	12/12/00	0016098	8/23/01	6647179	11/11/03
60000683	05	JP	Pending	Method Of And Device For Optical Fibre Grating Manufacture	P2000-385064	12/19/00				
60004088	02	JP	Pending	An Optical Multiplexer/Demultiplexer	P2002-069889	3/14/02				
60004088	04	GB	Granted	An Optical Multiplexer/demultiplexer	01302551.5	3/20/01			1243951	8/25/04
60004088	05	DE	Granted	An Optical Multiplexer/demultiplexer	01302551.5	3/20/01			60105117.3	8/25/04
60004088	06	FR	Granted	An Optical Multiplexer/demultiplexer	01302551.5	3/20/01			1243951	8/25/04
60004089	01	EP	Published	Semi Conductor Laser Structure And Method Of Manufacturing Same	01305504.1	6/25/01	1271722	1/2/03		
60004089	02	US	Granted	Semi Conductor Laser Structure And Method Of Manufacturing Same	10/178793	6/25/02	0007529	1/9/03	6775309	8/10/04
60004319	01	EP	Published	Semiconductor Laser Structure And Method Of Manufacturing Same	01306520.6	7/30/01	1282208	2/5/03		
60004319	02	US	Granted	Semiconductor Laser Structure And Method Of Manufacturing Same	10/206833	7/29/02	0021321	1/30/03	6782026	8/24/04
60004319	03	JP	Pending	Semiconductor Laser Structure And Method Of Manufacturing Same	P2002-213798	7/23/02	2003-11563	4/18/03		
60004385	01	EP	Published	A Device For Monitoring The Emission Wavelength Of A Laser	01304026.6	5/2/01	1255097	11/6/02		
60004385	02	US	Granted	Device For Monitoring The Emission Wavelength Of A Laser	10/095236	3/11/02	0163943	11/7/02	6574253	6/3/03
60004385	03	JP	Pending	A Device For Monitoring The Emission Wavelength Of A Laser	P2002-129643	5/1/02	2002-34407	11/29/02		
60010056	01	EP	Published	Wavelength Sensitive Device For Wavelength Stabilisation	01309349.7	11/5/01	1309049	5/7/03		
60010056	02	US	Granted	Wavelength Sensitive Device For Wavelength Stabilisation	10/288326	11/5/02	0085441	5/8/03	6678293	1/13/04
60010707	02	US	Granted	Positioning Arrangement And Method	10/213252	8/6/02	0077846	4/24/03	6647619	11/18/03
60010707	03	JP	Published	Positioning Arrangement And Method	P2002-305332	10/21/02	2003163496	6/6/03		
60010707	04	DE	Granted	Positioning Arrangement And Method	01308967.7	10/22/01			1304543	4/6/05
60010707	05	FR	Granted	Positioning Arrangement And Method	01308967.7	10/22/01			1304543	4/6/05
60010707	06	GB	Granted	Positioning Arrangement And Method	01308967.7	10/22/01			1304543	4/6/05
60010708	02	US	Granted	Package For Opto-Electrical Components	10/256173	9/27/02	0057508	3/27/03	6797989	9/28/04
60011010	01	EP	Published	A Method And System For Optical Wavelength Conversion And Regeneration	01116986.9	7/12/01	1276004	1/15/03		
60011010	02	US	Pending	A Method And System For Optical Wavelength Conversion And Regeneration	10/194552	7/12/02	0011858	1/16/03		
60011010	03	JP	Pending	A Method And System For Optical Wavelength Conversion And Regeneration	P2002-199444	7/9/02	2003-04353	2/13/03		
60011052	01	EP	Published	Method And System For Generating Narrow Optical Pulses	01309348.9	11/5/01	1309110	5/7/03		
60011052	02	US	Granted	Method And System For Generating Narrow Optical Pulses	10/214849	8/8/02	0086645	5/8/03	6778310	8/17/04
60011052	03	JP	Published	Method And System For Generating Narrow Optical Pulses	P2002-309273	10/24/02	2003156720	5/30/03		
60011148	02	US	Granted	A Package For Opto-electrical Components	10/255756	9/27/02	0073347	6/17/03	6783393	8/31/04
60011150	02	US	Granted	A Package For Opto-electrical Components	10/256065	9/27/02	0059175	3/27/03	6824314	11/30/04
70003893	03	US	Published	Electrical Module	10/344587	6/6/03	0123995	7/1/04		
70003893	04	JP	Published	Electrical Module	P2002-519388	8/15/01	2004506340	2/26/04		
70003893	05	EP	Published	Electrical Module	01965930.9	8/15/01	1316247	6/4/03		
70003894	02	US	Published	Encapsulating Brittle Substrates Using Transfer Molding	10/370006	2/20/03	0194459	10/16/03		
70003968	02	US	Granted	Optical Motion Encoder	09/953781	9/12/01	02-0038848	4/4/02	6653619	11/25/03
70003968	03	EP	Pending	Optical Motion Encoder	01122137.1	9/14/01	EP1189035 A	3/20/02		
70004073	02	US	Published	Pinion Gear Type Rotating Device	10/393335	3/18/03	0188597	10/9/03		
70004126	01	US	Published	Method Of Depositing Phosphor On Light Emitting Diode	10/405167	4/1/03	0196318	10/7/04		

70004126	02	JP	Published	Method Of Depositing Phosphor On Light Emitting Diode	P2004-108993	4/1/04	2004327975	11/18/04		
70004191	02	US	Published	A Semiconductor Chip Package With A Package Substrate And A Lid Cover	10/320905	12/16/02	0113251	6/17/04		
70010017	02	JP	Published	Light Source	P2002-123962	4/25/02	2003-03185	1/31/03		
70010017	03	US	Granted	Light Source	10/128446	4/23/02	0163006	11/7/02	6949771	9/27/05
70010017	04	EP	Published	Light Source	02009479.3	4/25/02	1253650	10/30/02		
70010017	05	CN	Published	Light Source	02119831.4	4/25/02	CN1383221 A	12/4/02		
70010018	02	JP	Pending	An Input Device	P2002-113075	4/16/02	2003-09918	4/4/03		
70010018	04	US	Granted	An Input Device	10/440846	5/19/03	0193415	10/16/03	6946980	9/20/05
70010362	01	US	Published	Signal Lamp Incorporating Spatially Separated Clustered Light Emitting Devices	10/374268	2/25/03	0165380	8/26/04		
70010411	01	US	Granted	Screen Printing Process For Light Emitting Base Layer	10/269276	10/11/02	0072106	4/15/04	6869753	3/22/05
70010411	02	JP	Published	Screen Printing Process For Light Emitting Base Layer	P2003-351860	10/10/03	2004153261	5/27/04		
70010412	01	US	Published	Apparatus And Method For Coating A Light Source To Provide A Modified Output Spectrum	10/375321	2/26/03	0166234	8/26/04		
70010412	02	JP	Published	Apparatus And Method For Coating A Light Source To Provide A Modified Output Spectrum	P2004-042485	2/19/04	2004260169	9/16/04		
70010412	03	DE	Published	Apparatus And Method For Coating A Light Source To Provide A Modified Output Spectrum	10337459.0	8/14/03	10337459	9/16/04		
70010419	02	US	Granted	A Light Unit Having Light Emitting Diodes	10/434818	5/9/03			6860620	3/1/05
70010434	01	US	Granted	Optical Lenses	10/292870	11/12/02	0091218	5/13/04	6807336	10/19/04
70010434	02	WO	Published	Optical Lenses	US03/34695	10/31/03	04/044628	5/27/04		
70010434	03	TW	Pending	Optical Lenses	92128583	10/15/03				
70010434	04	CN	Pending	Optical Lenses	20038010312 7.6	9/7/05				
70010434	05	EP	Pending	Optical Lenses	03776623.5	10/31/03				
70010434	06	JP	Pending	Optical Lenses	P2004-551644	10/31/03				
70010435	02	US	Granted	Connector Detacher	10/406712	4/2/03	0235386	12/25/03	6823126	11/23/04
70010435	03	GB	Granted	Connector Detacher	0313098.6	6/6/03	2391119	1/28/04	2391119	6/6/03
70010515	02	US	Granted	Light Emitting Diode With Plastic Reflector Cup	10/164998	6/7/02	0001066	1/2/03	6878972	4/12/05
70010721	02	US	Published	Method And Apparatus For Detecting An Error In A Bit Sequence	10/606970	6/25/03	0123199	6/24/04		
70010734	02	US	Published	A Brightness Independent Optical Position Sensor	10/369941	2/20/03	0234351	12/25/03		
70010734	03	JP	Published	A Brightness Independent Optical Position Sensor	P2003-180412	6/25/03	2004029025	1/29/04		
70010742	02	US	Published	Image Data Processing	10/682668	10/9/03	0070791	4/15/04		
70010821	02	JP	Published	A Photo-Receiver Arrangement	P2002-345881	11/28/02	2003204228	7/18/03		
70010821	03	US	Granted	A Photo-Receiver Arrangement	10/305672	11/26/02	0111604	6/19/03	6906325	6/14/05
70010851	01	US	Granted	Signal Communication Structures And Methods For Making The Same	10/233125	8/30/02	0041246	3/4/04	6762472	7/13/04
70010851	02	JP	Published	Signal Communication Structures And Methods For Making The Same	P2003-308804	9/1/03	2004158831	6/3/04		
70010903	01	US	Published	Leadless Leadframe Electronic Package And Sensor Module Incorporating Same	10/372908	2/24/03	0165356	8/26/04		
70010903	02	JP	Published	Leadless Leadframe Electronic Package And Sensor Module Incorporating Same	P2004-030647	2/6/04	2004260155	9/16/04		
70010903	03	DE	Published	Leadless Leadframe Electronic Package And Sensor Module Incorporating Same	10346292.9	7/18/03	10346292	9/9/04		
70010962	02	JP	Published	Optical Transceiver For Data Transfer And Control Applications	P2003-047890	2/25/03	2003283434	10/3/03		
70010962	03	US	Pending	Optical Transceiver For Data Transfer And Control Applications	10/337757	1/7/03				
70010962	04	EP	Published	Optical Transceiver For Data Transfer And Control Applications	02026191.3	11/25/02	1345341A2	9/17/03		
70010989	03	US	Granted	Optical Encoder Device	10/467614	8/6/03	0113057	6/17/04	6966623	11/22/05
70010989	04	GB	Published	Optical Encoder Device	0316666.7	12/16/02	2395004	5/12/04		
70010989	05	JP	Pending	Optical Encoder Device	P2003-555150	12/16/02				
70010989	06	DE	Published	Optical Encoder Device	10296028.3	8/4/03	10296028	5/15/04		
70010989	07	GB	Published	Optical Encoder Device	0513908.4	7/6/05	2413181	10/19/05		
70010989	08	US	Pending	Optical Encoder Device	11/188540	7/25/05				
70010990	02	US	Published	An Optical Position Sensing Device	10/424271	4/28/03	0234352	12/25/03		
70010990	03	JP	Published	An Optical Position Sensing Device	P2003-174211	6/19/03	2004029019	1/29/04		

70010991	01	US	Published	Determining A Position Of An Optical Sensor Associated With A Printhead Relative To A Print Media	10/628911	7/28/03	0024414	2/3/05		
70011072	01	US	Granted	Radiation-Pattern-Matched Light-Diffusing Pattern For Light Guide Edge-Illuminated By A Directional Light Source	10/427337	5/1/03			6923559	8/2/05
70011100	01	US	Granted	Optical Navigation Sensor With Integrated Lens	10/286252	11/1/02	0084610	5/6/04	6967321	11/22/05
70011100	02	JP	Published	Optical Navigation Sensor With Integrated Lens	P2003-367134	10/28/03	2004158855	6/3/04		
70011100	03	US	Pending	Optical Navigation Sensor With Integrated Lens	11/182226	7/15/05				
70011108	01	US	Pending	Apparatus For Producing A Spectrally-Shifted Light Output From A Light Emitting Device Utilizing Thin-Film Luminescent Layers	10/375874	2/26/03				
70011108	02	JP	Published	Apparatus For Producing A Spectrally-Shifted Light Output From A Light Emitting Device Utilizing Thin-Film Luminescent Layers	P2004-042634	2/19/04	2004260171	9/16/04		
70011108	03	DE	Published	Apparatus For Producing A Spectrally-Shifted Light Output From A Light Emitting Device Utilizing Thin-Film Luminescent Layers	10358348.3	12/12/03	10358348	9/16/04		
70011225	02	US	Published	Optical Encoder Device	10/369859	2/20/03	0193015	10/16/03		
70011225	03	JP	Published	Optical Encoder Device	P2003-100132	4/3/03	2003315102	11/6/03		
70011225	04	DE	Pending	Optical Encoder Device	10313363.1	3/25/03				
70011225	05	GB	Granted	Optical Encoder Device	0308314.4	4/10/03	2390897	1/21/04	2390897	8/10/05
70011225	06	CN	Pending	Optical Encoder Device	03109855	4/11/03				
70011333	02	US	Granted	Surface Mountable Electronic Device	10/649005	8/26/03	0051171	3/18/04	6879040	4/12/05
70011333	03	JP	Published	Surface Mountable Electronic Device	P2003-316609	9/9/03	2004111964	4/8/04		
70011333	04	DE	Published	Surface Mountable Electronic Device	10340069.9	8/29/03	10340069	4/8/04		
70011373	02	US	Published	A Dual-Axis Optical Encoder Device	10/369942	2/20/03	0193016	10/16/03		
70011377	02	US	Published	Semiconductor Packaging Structure	10/649006	8/26/03	0217451	11/4/04		
70011377	03	JP	Published	Semiconductor Packaging Structure	P2003-384708	11/14/03	2004165671	6/10/04		
70011377	04	GB	Published	Semiconductor Packaging Structure	0326399.3	11/12/03	2396963	7/7/04		
70011377	05	DE	Published	Semiconductor Packaging Structure	10343300.7	9/18/03	10343300	6/9/04		
70011378	01	US	Published	Light Emitting Diode Based Light Source Emitting Collimated Light	10/267759	10/9/02	0070337	4/15/04		
70011379	01	US	Pending	A Low Thermal Resistance Light Emitting Diode Package And A Method Of Making The Same	10/345035	1/15/03				
70011380	01	US	Published	A Fixed-Focus Digital Camera With Defocus Correction And A Method Thereof	10/313598	12/5/02	0109080	6/10/04		
70011380	02	JP	Published	A Fixed-Focus Digital Camera With Defocus Correction And A Method Thereof	P2003-407649	12/5/03	2004187307	7/2/04		
70011418	01	US	Granted	A High Bandwidth And Wide Dynamic Range Preamplifier With High Stability	10/342706	1/15/03			6759900	7/6/04
70011421	02	US	Granted	Light Emitting Diode With Gradient Index Layering Method And System For Providing Backlighting Utilizing A Luminescent Impregnated Material	10/371142	2/20/03			6717362	4/6/04
70011484	01	US	Granted	Method And System For Providing Backlighting Utilizing A Luminescent Impregnated Material	10/255208	9/26/02			6637905	10/28/03
70011484	02	JP	Published	Method And System For Providing Backlighting Utilizing A Luminescent Impregnated Material	P2003-323951	9/17/03	2004119375	4/15/04		
70020006	02	US	Granted	Adhesive Die Attachment Method For A Semiconductor Die And Arrangement For Carrying Out The Method	10/370435	2/20/03	0194831	10/16/03	6967123	11/22/05
70020024	02	US	Granted	An Improved Coated Phosphor Filler And A Method Of Forming The Coated Phosphor Filler	10/282859	10/29/02	0168669	9/11/03	6734466	5/11/04
70020024	03	JP	Published	An Improved Coated Phosphor Filler And A Method Of Forming The Coated Phosphor Filler	P2003-058196	3/5/03	2003286480	10/10/03		
70020024	04	DE	Pending	An Improved Coated Phosphor Filler And A Method Of Forming The Coated Phosphor Filler	10301676.7	1/17/03				
70020024	05	GB	Published	An Improved Coated Phosphor Filler And A Method Of Forming The Coated Phosphor Filler	0304512.7	2/27/03	2386378	9/17/03		
70020024	06	US	Granted	Coated Phosphor Filler And A Method Of Forming The Coated Phosphor Filler	10/763667	1/21/04			6855271	2/15/05
70020152	01	US	Pending	Reflective Members For Use In Encoder Systems	10/409544	4/8/03				
70020160	01	US	Published	Low Profile Optocouplers	10/282341	10/29/02	0081409	4/29/04		
70020272	01	US	Granted	A Clamp Post Holder	10/349574	1/22/03	0140339	7/22/04	6877649	4/12/05
70020273	01	US	Granted	A Lead Frame Wire Bonding Clamp Member	10/349598	1/22/03	0140540	7/22/04	6861733	3/1/05
70020367	01	US	Granted	Variable Gain Amplifier With Adjustable Gain Slope	10/271376	10/15/02	0070452	4/15/04	6791416	9/14/04
70020460	01	US	Granted	Organic Light Emitting Device With Improved Moisture Seal	10/212638	8/3/02	0021416	2/5/04	6710542	3/23/04
70020460	02	JP	Published	Organic Light Emitting Device With Improved Moisture Seal	P2003-196333	7/14/03	2004071549	3/4/04		

70020463	01	US	Granted	Chip Shaping For Flip-Chip Light Emitting Diode	10/268223	10/10/02	0070000	4/15/04	6784460	8/31/04
70020463	02	JP	Published	Chip Shaping For Flip-Chip Light Emitting Diode	P2003-349730	10/8/03	2004134803	4/30/04		
70020465	01	US	Granted	Molding Process For Light Emitting Diode Lamps	10/247965	9/20/02			6682331	1/27/04
70020465	02	TW	Pending	Molding Process For Light Emitting Diode Lamps	92118860	7/10/03				
70020550	01	SG	Pending	An Optical Module For Housing An Optical Component	200203082-3	5/23/02				
70020550	02	US	Pending	An Optical Module For Housing An Optical Component	10/839819	5/5/04				
70020550	03	EP	Pending	An Optical Module For Housing An Optical Component	04009720.6	4/23/04				
70020614	01	US	Published	Media Sensing Via Digital Image Processing	10/652287	8/29/03	0047243	3/3/05		
70020614	02	JP	Published	Media Sensing Via Digital Image Processing	P2004-249863	8/30/04	2005078645	3/24/05		
70020614	03	DE	Published	Media Sensing Via Digital Image Processing	10200403314.5.6	7/8/04	1020403314.5	3/31/05		
70020688	01	US	Granted	Compound Display	10/404218	3/31/03			6861669	3/1/05
70020717	01	US	Published	Print Mechanism Utilizing An Optical Sensor To Sense The Print Medium	10/667078	9/18/03	0062780	3/24/05		
70020717	02	JP	Published	Print Mechanism Utilizing An Optical Sensor To Sense The Print Medium	P2004-268057	9/15/04	2005088589	4/7/05		
70020717	03	CN	Published	Print Mechanism Utilizing An Optical Sensor To Sense The Print Medium	20041004658.5.7	6/11/04	CN 1597320A	3/23/05		
70020717	04	DE	Published	Print Mechanism Utilizing An Optical Imaging Sensor To Sense The Print Medium	10200403313.5.9	7/8/04	1020040331.35	4/28/05		
70020718	01	US	Published	Optical Mouse Adapled For Use On Glass Surfaces	10/404252	3/31/03	0189593	9/30/04		
70020720	01	US	Granted	Print Mechanism Utilizing An Optical Imaging Sensor	10/616581	7/9/03	0007408	1/13/05	6955412	10/18/05
70020763	01	US	Published	Thermally Enhanced Package For An Integrated Circuit	10/327465	12/19/02	0119158	6/24/04		
70020763	02	JP	Published	Thermally Enhanced Package For An Integrated Circuit	P2003-419002	12/17/03	2004200694	7/15/04		
70020763	04	CN	Pending	Thermally Enhanced Package For An Integrated Circuit	0380100044.1	6/16/04				
70020776	01	US	Granted	Small Form Factor All-Polymer Optical Device With Integrated Dual Beam Path Based On Total Internal Reflection Optical Turn	10/389304	3/14/03			6888988	5/3/05
70020776	02	WO	Published	Small Form Factor All-Polymer Optical Device With Integrated Dual Beam Path Based On Total Internal Reflection Optical Turn	US04/07645	3/11/04	WO04/0839.26	9/30/04		
70020776	03	TW	Published	Small Form Factor All-Polymer Optical Device With Integrated Dual Beam Path Based On Total Internal Reflection Optical Turn	93106022	3/8/04	200502611	1/16/05		
70020776	04	CN	Pending	Small Form Factor All-Polymer Optical Device With Integrated Dual Beam Path Based On Total Internal Reflection Optical Turn	20048000685.9.8	9/13/05				
70020776	05	EP	Pending	Small Form Factor All-Polymer Optical Device With Integrated Dual Beam Path Based On Total Internal Reflection Optical Turn	04719862.7	6/16/05				
70020776	06	JP	Unfiled	Small Form Factor All-Polymer Optical Device With Integrated Dual Beam Path Based On Total Internal Reflection Optical Turn						
70020777	01	US	Published	Improved Pen Mouse	10/692879	10/23/03	0088425	4/28/05		
70020885	01	US	Granted	System And Method For Enhanced Led Thermal Conductivity	10/650892	8/28/03	0045902	3/3/05	6921927	7/26/05
70020885	02	JP	Published	System And Method For Enhanced Led Thermal Conductivity	P2004-239553	8/19/04	2005079578	3/24/05		
70020885	03	DE	Published	System And Method For Enhanced Led Thermal Conductivity	10200403310.6.5	7/8/04	1020040331.06	4/7/05		
70020885	04	GB	Published	System And Method For Enhanced Led Thermal Conductivity	0417470.2	8/5/04	2405529	3/2/05		
70020899	01	US	Published	Ambient Light Detection With Digitized Output	10/407540	4/4/03	0195494	10/7/04		
70020899	02	JP	Published	Ambient Light Detection With Digitized Output	P2004-078146	3/18/04	2004309468	11/4/04		
70020899	03	EP	Published	Ambient Light Detection With Digitized Output	04008080.6	4/2/04	1465462	10/6/04		
70020976	01	US	Published	Method For Fabricating Integrated Emitter Devices And Integrated Emitter Devices	10/661054	9/12/03	0056854	3/17/05		
70020998	01	US	Published	Camera Module Having Geared Lens Barrel	10/336358	1/3/03	0130656	7/8/04		
70020998	02	JP	Published	Camera Module Having Geared Lens Barrel	P2003-421034	12/18/03	2004212982	7/29/04		
70020998	03	DE	Published	Camera Module Having Geared Lens Barrel	1004001029.3	1/2/04	1004001029	8/5/04		

70020998	04	GB	Published	Camera Module Having Geared Lens Barrel	0329833.2	12/22/03	2397394	7/21/04		
70020999	01	US	Published	Vernier Scaled High-resolution Encoder	10/616633	7/9/03	0006571	1/13/05		
70021020	01	US	Granted	Die Package	10/616534	7/9/03	0006735	1/13/05	6882035	4/19/05
70021062	01	US	Published	Single Lens Multiple Light Source Device	10/374245	2/25/03	0165277	8/26/04		
70021062	02	EP	Pending	Single Lens Multiple Light Source Device	04002467.1	2/4/04				
70021062	03	JP	Published	Single Lens Multiple Light Source Device	P2004-041597	2/18/04	2004260167	9/16/04		
70021063	01	US	Published	High Power Light Emitting Diode Device	10/683489	10/9/03	0077616	4/14/05		
70021063	02	DE	Published	High Power Light Emitting Diode Device	10200404414.9.9	9/13/04	102004044149	6/2/05		
70021063	03	GB	Published	Circuit Element	0419641.6	9/3/04	2406969	4/13/05		
70021063	04	JP	Published	High Power Light Emitting Diode Device	P2004-291171	10/4/04	2005117041	4/28/05		
70021122	01	US	Granted	Absolute Encoder Based On An Incremental Encoder	10/356438	1/30/03			6683543	1/27/04
70021122	02	JP	Published	Absolute Encoder Based On An Incremental Encoder	P2003-420267	12/18/03	2004233339	8/19/04		
70021122	03	DE	Published	Absolute Encoder Based On An Incremental Encoder	2004002722.6	1/19/04	1004002722	10/7/04		
70021124	01	US	Published	RF Amplifier With Improved Impedance Matching	10/406944	4/3/03	0196104	10/7/04		
70021125	01	US	Granted	Method For Making An LED	10/383443	3/7/03			6806658	10/19/04
70021125	02	JP	Published	Method For Making An LED	P2004-039760	2/17/04	2004274040	9/30/04		
70021125	03	DE	Published	Method For Making An LED	102004006513.6	2/10/04	102004006513	9/23/04		
70021172	01	US	Published	Encoder Utilizing A Reflective Cylindrical Surface	10/725696	12/1/03	0116153	6/2/05		
70021172	02	CN	Published	Encoder Utilizing A Reflective Cylindrical Surface	20041009129.9.2	12/1/04	CN1624427A	6/8/05		
70021172	03	DE	Published	Encoder Utilizing A Reflective Cylindrical Surface	102004048237.3	10/4/04	102004048237	6/30/05		
70021172	04	JP	Published	Encoder Utilizing A Reflective Cylindrical Surface	P2004-340480	11/25/04	2005164588	6/23/05		
70021175	01	US	Published	Light Emitting Diode Utilizing A Discrete Wavelength-Covering Layer For Color Conversion	10/616759	7/9/03	0006659	1/13/05		
70021175	02	JP	Pending	Light Emitting Diode Utilizing A Discrete Wavelength-Covering Layer For Color Conversion	P2004-203368	7/9/04				
70021176	01	US	Published	Phosphor For Use In White Semiconductor Light Sources And A White Light Source Utilizing The Same	10/425860	4/28/03	0212295	10/28/04		
70030066	01	US	Published	Bezel Design For Surface Mount Display Modules	10/618541	7/10/03	0006548	1/13/05		
70030067	01	US	Granted	Opto-Coupler	10/640923	8/14/03	0035356	2/17/05	6943378	9/13/05
70030067	02	JP	Published	Opto-coupler And Method Of Manufacturing The Same	P2004-234194	8/11/04	2005064513	3/10/05		
70030067	03	US	Published	Method Of Manufacturing An Opto-Coupler	11/121368	5/4/05	0207697	9/22/05		
70030251	01	US	Granted	Optical Coupling Module And Method For Forming The Same	10/752130	1/6/04	0147353	7/7/05	6959133	10/25/05
70030252	01	US	Pending	An Optical Fiber Receptacle, An Optical Fiber Ferrule And An Optical Fiber Receptacle And Ferrule Interconnection System	10/425162	4/29/03				
70030253	01	US	Pending	Compact Optical Transceiver Module	10/930578	8/31/04				
70030253	02	CN	Pending	Compact Optical Transceiver Module	200510088690.1	8/1/05				
70030253	03	JP	Pending	Compact Optical Transceiver Module	P2005-235360	8/15/05				
70030255	01	US	Pending	Optical Pointing Device With Variable Focus	10/853625	5/25/04				
70030259	01	US	Published	Packaging Device For Semiconductor Die, Semiconductor Device Incorporating Same And Method Of Making Same	10/608605	6/27/03	0262738	12/30/04		
70030260	01	US	Published	Method For Fabricating A Packaging Device For Semiconductor Die And Semiconductor Device Incorporating Same	10/608606	6/27/03	0266058	12/30/04		
70030295	01	US	Granted	Physically Compact Device Package	10/602418	6/23/03			6809261	10/26/04
70030295	02	JP	Published	Physically Compact Device Package	P2004-172286	6/10/04	2005019985	1/20/05		
70030297	01	US	Pending	Opto-Electronic Housing And Optical Assembly	10/915202	8/9/04				
70030297	02	EP	Pending	Opto-Electronic Housing And Optical Assembly	05004566.5	3/2/05				
70030297	03	JP	Pending	Opto-Electronic Housing And Optical Assembly	P2005-225122	8/3/05				
70030297	04	TW	Pending	Opto-Electronic Housing And Optical Assembly	94105809	2/25/05				
70030419	01	US	Published	Optical Source Having Integral Diffractive Element	10/602374	6/23/03	0256628	10/23/04		
70030419	02	JP	Published	Optical Source Having Integral Diffractive Element	P2004-179370	6/17/04	2005019987	1/20/05		

70030426	01	US	Granted	High Resolution Optical Encoder With An Angular Collimated Light Beam	10/455641	6/4/03			6768101	7/27/04	
70030427	01	US	Published	Light-Emitting Diode Incorporating Gradient Index Element	10/649094	8/26/03	0045896	3/3/05			
70030429	01	US	Published	Reflective Imaging Encoder	10/696247	10/28/03	0087681	4/28/05			
70030429	02	JP	Published	Reflective Imaging Encoder	P2004-310542	10/26/04	2005134391	5/26/05			
70030429	03	CN	Published	Reflective Imaging Encoder	20041008098.9.8	10/26/04	CN 1661454A	8/31/05			
70030429	04	DE	Published	Reflective Imaging Encoder	10200404635.0.6	9/24/04	1020040463.50	6/16/05			
70030430	01	US	Published	Flexible Camera Lens Barrel	10/455283	6/4/03	0246370	12/9/04			
70030467	01	US	Granted	Phosphor Deposition Methods	10/804759	3/19/04			6924233	8/2/05	
70030467	02	JP	Pending	Phosphor Deposition Methods	P2005-077141	3/17/05					
70030473	01	US	Published	White Light Emitting Device	10/609160	6/27/03	0263073	12/30/04			
70030473	02	JP	Published	White Light Emitting Device	P2004-184395	6/23/04	2005019997	1/20/05			
70030473	03	DE	Published	White Light Emitting Device	10200040161.39.9	4/1/04	1020040161.39	1/20/05			
70030561	02	US	Pending	Illuminated Displays For Alphanumeric And Special Characters	10/820342	4/7/04					
70030579	01	US	Published	Homogeneous And Plain Surface Detection In Optical Navigation Systems	10/703310	11/7/03	0099410	5/12/05			
70030579	02	DE	Published	Homogeneous And Plain Surface Detection In Optical Navigation Systems	10200403316.3.4	7/8/04	1020040331.63	6/16/05			
70030579	03	GB	Published	Homogeneous And Plain Surface Detection In Optical Navigation Systems	0422404.4	10/8/04	2407867	5/11/05			
70030582	01	US	Published	Pointing Device With Adaptive Illumination Level	10/720465	11/21/03	0110776	5/26/05			
70030582	02	DE	Published	Pointing Device With Adaptive Illumination Level	10200404707.0.7	9/28/04	1020040470.70	6/30/05			
70030582	03	GB	Published	Pointing Device With Adaptive Illumination Level	0425547.7	11/19/04	2408325	5/25/05			
70030599	01	US	Published	Motion Detection Using Multi-Resolution Image Processing	10/670894	9/24/03	0063598	3/24/05			
70030599	02	DE	Published	Motion Detection Using Multi-Resolution Image Processing	10200403315.6.1	7/8/04	1020040331.56	6/9/05			
70030599	03	GB	Published	Motion Detection Using Multi-Resolution Image Processing	0417986.7	8/12/04	2406456	3/30/05			
70030618	01	US	Pending	Opto-Electronic Device Testing Apparatus And Method	10/857193	5/28/04					
70030619	01	US	Published	FIFO Module, Deskew Circuit And Rate Matching Circuit Having The Same	10/782613	2/19/04	0188146	8/25/05			
70030619	02	CN	Published	FIFO Module, Deskew Circuit And Rate Matching Circuit Having The Same	20051000735.2.0	2/4/05	1658596a	8/24/05			
70030623	01	US	Published	Optical Fibre Receptacle Adaptor, Optical Fiber Coupling System, And Method For Assembling The Optical Fiber Coupling System	10/782148	2/19/04	0185894	8/25/04			
70030658	01	US	Granted	Improved Interpolator	10/742007	12/18/03			6816091	11/9/04	
70030659	01	US	Published	Optical Game Controller	10/810154	3/25/04	0215320	9/29/05			
70030662	01	US	Pending	Integrated Ball Grid Array Optical Mouse Sensor Packaging	10/924474	8/24/04					
70030662	02	CN	Pending	Integrated Ball Grid Array Optical Mouse Sensor Packaging	20051007488.5.0	6/3/05					
70030662	03	TW	Pending	Integrated Ball Grid Array Optical Mouse Sensor Packaging	94106434	3/3/05					
70030663	01	US	Granted	Wire Bond Package And Packaging Method	10/725669	12/1/03			6858474	2/22/05	
70030665	01	US	Published	Die Attach For Light Emitting Diode	10/617626	7/10/03	0006755	1/13/05			
70030730	01	US	Published	Regulating A Light Source In An Optical Navigation Device	10/767508	1/28/04	0162375	7/28/05			
70030730	02	CN	Published	Regulating A Light Source In An Optical Navigation Device	20041009558.1.8	12/2/04	1652145A	8/10/05			
70030730	03	DE	Published	Regulating A Light Source In An Optical Navigation Device	10200405696.8.1	11/25/04	1020040569.68	8/25/05			
70030731	01	US	Published	Method And System For Power Management Of An Optical Mouse	10/803598	3/17/04	0206613	9/22/05			
70030732	01	US	Published	Optical Encoder Devices And Methods Using A Continuously Scaled Code Disk	10/762951	1/21/04	0156104	7/21/05			
70030733	01	US	Published	LED Display With Overlay	10/798477	3/11/04	0200269	9/15/05			
70030733	02	CN	Published	LED Display With Overlay	20051000185.1.9	1/18/05	CN1667671.A	9/14/05			
70030733	03	JP	Published	LED Display With Overlay	P2005-060196	3/4/05	2005260229	9/22/05			

70030735	01	US	Published	Ceramic Packaging For High Brightness Led Devices	10/669986	9/23/03	0063187	3/24/05		
70030735	02	JP	Published	Ceramic Packaging For High Brightness LED Devices	P2004-276471	9/24/04	2005101616	4/14/05		
70030735	03	DE	Published	Ceramic Packaging For High Brightness LED Devices	10200404121.1	8/25/04	102004041211	6/30/05		
70030735	04	GB	Published	Ceramic Packaging For High Brightness LED Devices	0420449.1	9/14/04	2406439	3/30/05		
70030841	01	US	Published	A Light Emission Device	10/755047	1/8/04	0151149	7/14/05		
70030842	01	US	Granted	Dual Edge Count Programmable Frequency Divider	10/758826	1/15/04	0156638	7/21/05	6967507	11/22/05
70030844	01	US	Published	LED Device And Method For Directing LED Light	10/789136	2/27/04	0190561	9/1/05		
70030844	02	CN	Published	A LED Device And Method For Directing LED Light	200510005212.X	2/1/05	CN1661824A	8/31/05		
70030844	03	JP	Published	LED Device And Method For Directing LED Light	P2005-043736	2/21/05	2005244222	9/8/05		
70030845	01	US	Published	Ceramic Packaging For High Brightness LED Devices	10/812526	3/29/04	0213334	9/29/05		
70030847	01	US	Published	Device And Method For Emitting Composite Output Light Using Multiple Wavelength-Conversion Mechanisms	10/803266	3/18/04	0206301	9/22/05		
70030847	02	JP	Published	Device And Method For Emitting Composite Output Light Using Multiple Wavelength-Conversion Mechanisms	P2005-068709	3/11/05	2005268786	9/29/05		
70030848	01	US	Pending	Light Emitting Diode Device With Resecurable Connection	10/892877	7/16/04				
70030873	01	US	Pending	Mold Compound With Fluorescent Mateial And A Light-Emitting Device Made Therefrom	10/852786	5/25/04				
70030873	02	JP	Pending	Mold Compound With Fluorescent Mateial And A Light-Emitting Device Made Therefrom	P2005-148537	5/19/05				
70030873	03	CN	Pending	Mold Compound With Fluorescent Mateial And A Light-Emitting Device Made Therefrom	200510072066.2	5/25/05				
70030900	01	US	Pending	Light Emitting Diode Display That Does Not Require Epoxy Encapsulation Of The Light Emitting Diode	10/886170	7/6/04				
70030948	01	US	Pending	A Method For Fabricating Light-Emitting Devices Utilizing A Photo-Curable Epoxy	11/075242	3/7/05				
70030949	01	US	Published	Polaroid Absolute Encoder	10/810173	3/26/04	0211886	9/29/05		
70030981	01	US	Published	White Light Emitting Device (laser)	10/609190	6/27/03	0263074	12/30/04		
70030981	02	JP	Published	White Light Emitting Device (laser)	P2004-188001	6/25/04	2005020010	1/20/05		
70030981	03	DE	Published	White Light Emitting Device (laser)	102004016232.8	4/1/04	102004016232	1/20/05		
70031059	01	US	Unfiled	Direct Control Of Extinction Ratio And Optical Modulation Amplitude For Fiber Transmitters						
70031105	01	US	Pending	Optical Intergrated Circuit Package	11/015900	12/16/04				
70031106	01	US	Published	Absolute Encoder	10/829494	4/21/04	0236560	10/27/05		
70031232	01	US	Pending	Method Of Applying Light-Converting Material And Device Thereof	10/841755	5/7/04				
70031234	01	US	Published	Optical Generic Switch Panel	10/810157	3/25/04	0212774	9/29/05		
70031235	01	US	Published	An Optical Encoder Providing A Wide Range Of Resolutions	10/831490	4/22/04	0238365	10/27/05		
70031236	01	US	Pending	A Finger Navigation Input Device	10/844021	5/12/04				
70031237	01	US	Pending	Arrangement Of Color Filters For Characterizing The Color Of An Aggregate Light	11/001523	12/1/04				
70031238	01	US	Published	Photodetector Array Arrangement For Optical Encoders	10/829565	4/22/04	0236561	10/27/05		
70031238	02	CN	Pending	Photodetector Array Arrangement For Optical Encoders	200510005324.5	1/31/05				
70031239	01	US	Published	An Image Control Accelerometer System And Method	10/803339	3/17/04	0206612	9/22/05		
70031240	01	US	Pending	PCB-Based Surface Mount LED Devices With Silicone-Based Encapsulation	10/870362	6/17/04				
70031257	02	US	Pending	Electro-Optical Subassembly	10/904224	10/29/04				
70031324	01	US	Published	A Light Emitting Diode Display Device	10/779116	2/13/04	0179376	8/18/05		
70031325	01	US	Pending	Improved Optical Mouse	11/224516	9/12/05				
70031326	01	US	Pending	Thermopile Temperature Sensing With Color Contouring	10/947926	9/23/04				
70031327	01	US	Granted	Pre-Configured Light Modules	10/740949	12/18/03	0134202	6/23/05	6967447	11/22/05
70031327	02	CN	Published	Pre-Configured Light Modules	200410086657.0	12/10/04	CN1629710A	6/22/05		
70031327	03	DE	Published	Pre-Configured Light Modules	102004056221.0	11/22/04	102004056221	7/21/05		

70031327	04	GB	Published	Pre-Configured Light Modules	0427393.4	12/14/04	2409260	6/22/05		
70031327	05	JP	Published	Pre-Configured Light Modules	P2004-353961	12/7/04	2005191004	7/14/05		
70031328	01	US	Granted	Luminary Control System	10/740947	12/18/03			6894442	5/17/05
70031328	02	CN	Published	Luminary Control System	200410101688.9	12/20/04	CN1630444A	6/22/05		
70031328	03	DE	Published	Luminary Control System	102004056979.7	11/25/04	102004056979	7/21/05		
70031328	04	GB	Published	Luminary Control System	0425364.7	11/17/04	2409292	6/22/05		
70031328	05	JP	Published	Luminary Control System	P2004-366264	12/17/04	2005183394	7/7/05		
70031328	06	US	Published	Luminary Control System	11/106910	4/14/05	0174068	8/11/05		
70031329	01	US	Published	Luminary Control System Adapted For Reproducing The Color Of A Known Light Source	10/741245	12/18/03	0134197	6/23/05		
70031329	02	CN	Published	Luminary Control System Adapted For Reproducing The Color Of A Known Light Source	200410096572.0	12/3/04	CN1629711A	6/22/05		
70031329	03	DE	Published	Luminary Control System Adapted For Reproducing The Color Of A Known Light Source	102004050889.5	10/19/04	102004050889	7/21/05		
70031329	04	GB	Published	Luminary Control System Adapted For Reproducing The Color Of A Known Light Source	0425363.9	11/17/04	2409291	6/22/05		
70031329	05	JP	Published	Luminary Control System Adapted For Reproducing The Color Of A Known Light Source	P2004-366256	12/17/04	2005183393	7/7/05		
70031330	01	US	Published	A Method And Apparatus For Producing Untainted White Light Using Off-White Light Emitting Diodes	10/742688	12/19/03	0135094	6/23/05		
70031330	02	CN	Published	Method And Apparatus For Producing Untainted White Light Using Off-White Light Emitting Diodes	200410101333.X	12/17/04	CN1629536A	6/22/05		
70031330	03	DE	Published	Method And Apparatus For Producing Untainted White Light Using Off-White Light Emitting Diodes	102004057499.5	11/29/04	102004057499	7/14/05		
70031330	04	JP	Published	Method And Apparatus For Producing Untainted White Light Using Off-White Light Emitting Diodes	P2004-365932	12/17/04	2005183986	7/7/05		
70031330	05	KR	Pending	A Method And Apparatus For Producing Untainted White Light Using Off-White Light Emitting Diodes	2004-0107927	12/17/04				
70031332	01	US	Published	An Illumination Panel With Reverse Mounting Solid-State Light Generating Source Array	10/833905	4/27/04	0237739	10/27/05		
70031333	01	US	Published	Image Acquisition Timing System And Method	10/754950	1/9/04	0151721	7/14/05		
70031334	01	US	Pending	An Illumination Unit With A Solid-State Light Generating Source, A Flexible Substrate, And A Flexible And Optically Transparent Encapsulant	10/760763	1/20/04				
70031336	01	US	Published	LED Illumination System Having An Intensity Monitoring System	10/742270	12/19/03	0135441	6/23/05		
70031336	02	CN	Published	LED Illumination System Having An Intensity Monitoring System	200410090831.9	11/15/04	1629698A	6/22/05		
70031336	03	DE	Published	LED Illumination System Having An Intensity Monitoring System	102004056978.9	11/25/04	102004056978	7/21/05		
70031336	04	GB	Published	LED Illumination System Having An Intensity Monitoring System	0427468.4	12/15/04	2409766	7/6/05		
70031336	05	JP	Published	LED Illumination System Having An Intensity Monitoring System	P2004-345416	11/30/04	2005183378	7/7/05		
70031336	06	KR	Pending	LED Illumination System Having An Intensity Monitoring System	2004-0107736	12/17/04				
70031336	07	TW	Published	LED Illumination System Having An Intensity Monitoring System	093135128	11/16/04	200527694	8/16/05		
70031338	01	US	Pending	Spectrum Matching	10/896255	7/21/04				
70031338	02	CN	Pending	Spectrum Matching	200510053635.9	3/9/05				
70031338	03	JP	Pending	Spectrum Matching	P2005-205788	7/14/05				
70031338	04	TW	Pending	Spectrum Matching	094104505	2/16/05				
70031402	02	US	Pending	Electro-Optical Subassemblies And Method For Assembly Thereof	10/904223	10/29/04				
70031402	03	JP	Pending	Electro-Optical Subassemblies And Method For Assembly Thereof	P2005-313019	10/27/05				
70031402	04	GB	Pending	Electro-Optical Subassemblies And Method For Assembly Thereof	0521431.7	10/20/05				
70031404	01	US	Pending	Stability Compensation For Adjustable Gain Amplifier	10/844220	5/12/04				
70031407	01	US	Pending	Method For Generation Of Even Numbered Reduced Gray Codes	10/929528	8/30/04				
70031407	02	JP	Pending	Method For Generation Of Even Numbered Reduced Gray Codes	P2005-236912	8/17/05				
70031407	03	CN	Pending	Method For Generation Of Even Numbered Reduced Gray Codes	200510075126.6	6/8/05				
70031570	01	US	Unfiled	High Speed Transimpedance Amplifier						

70040065	01	US	Published	Device And Method For Emitting Output Light Using Group IIB Element Selenide-Based Phosphor Material	10/761762	1/21/04	0167684	8/4/05		
70040066	01	US	Published	Device And Method For Emitting Output Light Using Group IIB Element Selenide-Based And Group IIA Element Gallium Sulfide-Based Phosphor Materials	10/761763	1/21/04	0156510	7/21/05		
70040075	01	US	Published	Rotary And Angular Position Sensing	10/819000	4/6/04	0218888	10/6/05		
70040075	02	CN	Pending	Rotary And Angular Position Sensing	20051000163 7.3	2/3/05				
70040076	01	US	Pending	Determination Of Navigation Window In An Optical Navigation System	10/870192	6/17/04				
70040078	01	US	Pending	Optical Encoder And Alignment Jig	10/843820	5/12/04				
70040078	02	JP	Pending	Optical Encoder And Alignment Jig	P2005- 139684	5/12/05				
70040078	03	DE	Pending	Optical Encoder And Alignment Jig	10200501603 4.4	4/7/05				
70040078	04	CN	Pending	Optical Encoder And Alignment Jig	20051006997 3.1	5/11/05				
70040079	01	US	Pending	Improved Studio Light	11/055739	2/10/05				
70040079	02	JP	Unfiled	Improved Studio Light						
70040079	03	DE	Unfiled	Improved Studio Light						
70040079	04	GB	Unfiled	Improved Studio Light						
70040079	05	KR	Unfiled	Improved Studio Light						
70040079	06	CN	Unfiled	Improved Studio Light						
70040079	07	TW	Pending	Improved Studio Light	94135689	10/13/05				
70040080	01	US	Published	Flash Lighting For Image Acquisition	10/742310	12/18/03	0134723	6/23/05		
70040080	02	JP	Published	Flash Lighting For Image Acquisition	P2004- 365931	12/17/04	2005204296	7/28/05		
70040080	03	DE	Published	Flash Lighting For Image Acquisition	10200403550 0.2	7/22/04	1020040355 00	7/21/05		
70040080	04	GB	Published	Flash Lighting For Image Acquisition	0427259.7	12/13/04	2409287	6/22/05		
70040080	05	CN	Published	Flash Lighting For Image Acquisition	20041007461 3.6	9/7/04	CN 1629716A	6/22/05		
70040080	06	KR	Pending	Flash Lighting For Image Acquisition	2004-0106732	12/16/04				
70040080	07	TW	Published	Flash Lighting For Image Acquisition	93115323	5/28/04	200528901	9/1/05		
70040088	01	US	Pending	Illumination Spot Alignment	10/827864	4/20/04				
70040088	02	CN	Pending	Method For Performing Illumination Spot Alignment And Pointing Device	20041014003. 6	12/9/04				
70040088	03	DE	Pending	Illumination Spot Alignment	10200500616 1.3	2/10/05				
70040088	04	JP	Pending	Illumination Spot Alignment	P2005- 118179	4/15/05				
70040088	05	TW	Pending	Illumination Spot Alignment	093139147	12/16/04				
70040110	01	US	Published	Using Multiple Types Of Phosphor In Combination With A Light Emitting Device	10/817359	4/2/04	0224282	10/13/05		
70040111	01	US	Published	Sampling For Color Control Feedback Using An Optical Cable	10/798130	3/11/04	0200315	9/15/05		
70040111	02	CN	Published	Sampling For Color Control Feedback Using An Optical Cable	20051000021 7.3	1/5/05	CN 1667454A	9/14/05		
70040111	03	JP	Published	Sampling For Color Control Feedback Using An Optical Cable	P2005- 069139	3/11/05	2005259704	9/22/05		
70040111	04	KR	Pending	Sampling For Color Control Feedback Using An Optical Cable Background	2005-0019965	3/10/05				
70040111	05	TW	Pending	Sampling For Color Control Feedback Using An Optical Cable	93136139	11/24/04				
70040113	01	US	Pending	Collimating Light From An Led Device	10/855304	5/27/04				
70040114	01	US	Published	An Led Device With A Vertical Leadframe That Is Configured For Surface Mounting	10/836470	4/30/04	0242708	11/13/05		
70040122	01	US	Pending	Calibrated LED Light Module	11/205580	8/15/05				
70040124	01	US	Published	Method And Apparatus For Controlling An Led Based Light System	10/799216	3/11/04	0200578	9/15/05		
70040124	02	CN	Pending	Method And Apparatus For Controlling An Led Based Light System	20041009717 3.6	12/13/04				
70040124	03	JP	Pending	Method And Apparatus For Controlling An Led Based Light System	P2005- 066679	3/10/05				
70040124	04	KR	Pending	Method And Apparatus For Controlling An Led Based Light System	2005-0020052	3/10/05				
70040124	05	TW	Published	Method And Apparatus For Controlling An Led Based Light System	093136605	11/26/04	200531002	9/16/05		
70040125	01	US	Pending	Regulating A Light Source Using A Light-To-Frequency Converter	10/854128	5/25/04				

70040126	01	US	Published	Light To PWM Converter	10/799126	3/11/04	0199784	9/15/05		
70040126	02	JP	Published	Light To PWM Converter	P2005-064004	3/8/05	2005260954	9/22/05		
70040126	03	DE	Published	Light To PWM Converter	1004059403.1	12/9/04	102004059403	10/6/05		
70040126	04	KR	Pending	Light To PWM Converter	2005-0019902	3/10/05				
70040126	05	CN	Pending	Light To PWM Converter	200410091157.6	11/22/04				
70040126	06	TW	Published	Light To PWM Converter	093135124	11/16/04	200531447	9/16/05		
70040128	01	US	Published	System And Method For Producing White Light Using Leds	10/798010	3/11/04	0200295	9/15/05		
70040128	02	JP	Published	System And Method For Producing White Light Using Leds	P2005-065950	3/9/05	2005259699	9/22/05		
70040128	03	CN	Published	System And Method For Producing White Light Using Leds	0510007288.6	2/6/05	CN1668158A	9/14/05		
70040128	04	DE	Published	System And Method For Producing White Light Using Leds	102005001685.5	1/13/05	102005001685.5	9/29/05		
70040130	01	US	Pending	Color Correction Of LCD Lighting For Ambient Illumination	10/941495	9/15/04				
70040131	01	US	Published	System And Method For Canceling Dark Photocurrent In A Color Sensor Circuit	10/801204	3/15/04	0200732	9/15/05		
70040131	02	CN	Pending	System And Method For Canceling Dark Photocurrent In A Color Sensor Circuit	200510001890.9	1/24/05				
70040131	03	JP	Published	System And Method For Canceling Dark Photocurrent In A Color Sensor Circuit	P2005-071948	3/14/05	2005265846	9/29/05		
70040132	01	US	Published	A Method And Apparatus For Automatic Modulation Of Photo-Emitter Brightness In An Optical Encoder	10/799850	3/12/04	0199777	9/15/05		
70040133	01	US	Published	Improved Color Photodector Array	10/804272	3/18/04	0205765	9/22/05		
70040133	02	CN	Pending	Improved Color Photodector Array	200510055467.7	3/18/05				
70040133	03	JP	Pending	Improved Color Photodector Array	P2005-076762	3/17/05				
70040134	01	US	Published	Color Filter And Method For Fabricating Same	10/804286	3/18/04	0207044	9/22/05		
70040134	02	CN	Pending	Color Filter And Method For Fabricating The Same	200510055468.1	3/18/05				
70040134	03	JP	Published	Color Filter And Method For Fabricating Same	P2005-076882	3/17/05	2005266811	9/29/05		
70040140	01	US	Published	Using A Separate Color Sensor For White Balance Calculation	10/797308	3/9/04	0200724	9/15/05		
70040162	01	US	Published	Segmented Sawtooth Generator	10/769270	1/30/04	0168177	8/4/05		
70040175	01	US	Pending	Optical Navigation Using One-Dimensional Correlation	10/870412	6/17/04				
70040177	01	US	Published	Light Emitting Diode Based Light System With A Redundant Light Source	10/836469	4/30/04	0242742	11/3/05		
70040215	01	US	Published	Color Sensor Circuit With Integrated Programmable Gain Selection	10/828707	4/21/04	0377401	10/27/05		
70040215	02	CN	Pending	Color Sensor Circuit With Integrated Programmable Gain Selection	200410102832.0	12/28/04				
70040215	03	DE	Pending	Color Sensor Circuit With Integrated Programmable Gain Selection	102005006645.3	2/14/05				
70040215	04	JP	Pending	Color Sensor Circuit With Integrated Programmable Gain Selection	P2005-122475	4/20/05				
70040215	05	KR	Pending	Color Sensor Circuit With Integrated Programmable Gain Selection	2005-0032948	4/21/05				
70040215	06	TW	Pending	Color Sensor Circuit With Integrated Programmable Gain Selection	093139425	12/17/04				
70040216	01	US	Pending	Photodetector Array And Codewheel Configuration For Flexible Optical Encoder Resolution	10/909482	8/2/04				
70040217	01	US	Published	Ink And Media Sensing With A Color Sensor	10/825765	4/16/04	0231584	10/20/05		
70040217	02	CN	Pending	Ink And Media Sensing With A Color Sensor	200510005330.0	1/31/05				
70040217	03	JP	Pending	Ink And Media Sensing With A Color Sensor	P2005-114342	4/12/05				
70040226	01	US	Pending	Mixed-Color Light Emitting Diode Apparatus, And Method For Making Same	10/918149	8/13/04				
70040226	02	JP	Pending	Mixed-Color Light Emitting Diode Apparatus, And Method For Making Same	P2005-235222	8/15/05				
70040227	01	US	Pending	Differential Color Sensor Without Filters	10/919593	8/16/04				
70040227	02	JP	Pending	Differential Color Sensor Without Filters	P2005-230656	8/9/05				

70040227	03	CN	Pending	Differential Color Sensor Without Filters	20051009033 6.2	8/12/05				
70040227	04	DE	Pending	Differential Color Sensor Without Filters	10200502639 3.3	6/8/05				
70040228	01	US	Pending	Feed-Forward Methods And Apparatus For Setting The Light Intensities Of One Or More LEDs	10/897892	7/23/04				
70040228	02	JP	Pending	Feed-Forward Methods And Apparatus For Setting The Light Intensities Of One Or More LEDs	P2005- 214541	7/25/05				
70040229	01	US	Pending	Optical Color Sensor Using Diffractive Elements	10/977687	10/29/04				
70040229	02	JP	Unfiled	Optical Color Sensor Using Diffractive Elements						
70040229	03	CN	Pending	Optical Color Sensor Using Diffractive Elements	20051009357 1.5	8/26/05				
70040229	04	DE	Pending	Optical Color Sensor Using Diffractive Elements		8/17/05				
70040258	01	US	Pending	Control Of Spectral Content Of A Laser Diode Light Source	10/854859	5/26/04				
70040258	02	JP	Pending	Control Of Spectral Content Of A Laser Diode Light Source	P2005- 154035	5/26/05				
70040258	03	CN	Pending	Control Of Spectral Content Of A Laser Diode Light Source	20051000246 7.0	1/21/05				
70040258	04	DE	Pending	Control Of Spectral Content Of A Laser Diode Light Source	10200500734 4.1	2/17/05				
70040258	05	KR	Pending	Control Of Spectral Content Of A Laser Diode Light Source	2005-0044008	5/25/05				
70040258	06	TW	Pending	Control Of Spectral Content Of A Laser Diode Light Source	094101205	1/14/05				
70040259	01	US	Pending	Method And Apparatus For Regulating The Drive Currents Of A Plurality Of Light Emitters	10/938998	9/10/04				
70040259	02	CN	Pending	Method And Apparatus For Regulating The Drive Currents Of A Plurality Of Light Emitters	20051007754 3.4	6/17/05				
70040259	03	EP	Pending	Method And Apparatus For Regulating The Drive Currents Of A Plurality Of Light Emitters	05013277.8	6/20/05				
70040259	04	JP	Pending	Method And Apparatus For Regulating The Drive Currents Of A Plurality Of Light Emitters	P2005- 263188	9/12/05				
70040259	05	KR	Unfiled	Method And Apparatus For Regulating The Drive Currents Of A Plurality Of Light Emitters						
70040259	06	TW	Pending	Method And Apparatus For Regulating The Drive Currents Of A Plurality Of Light Emitters		6/3/05				
70040265	01	US	Pending	Color Sensing Circuit Employing Charge Storage Device	10/877864	6/24/04				
70040265	02	CN	Pending	Color Sensing Circuit Employing Charge Storage Device	20051006935 9.5	5/13/05				
70040265	03	JP	Pending	Color Sensing Circuit Employing Charge Storage Device	P2005- 173404	6/16/05				
70040266	01	US	Pending	Method For Coating Package With A Filter Profile	10/902200	7/28/04				
70040267	01	US	Pending	Method And Apparatus For Detecting Gas/radiation That Employs Color Change Detection Mechanism	10/888325	7/9/04				
70040268	01	US	Pending	Dye Detection Method And Apparatus	10/888321	7/9/04				
70040268	02	JP	Pending	Dye Detection Method And Apparatus	P2005- 200222	7/8/05				
70040271	01	US	Pending	Color Filter Method And Apparatus	10/900759	7/27/04				
70040276	01	US	Pending	Scanner With Color Profile Matching Mechanism	10/902999	7/30/04				
70040279	01	US	Pending	Color Duplication Method And Apparatus	10/897879	7/22/04				
70040279	02	CN	Pending	Color Duplication Method And Apparatus	20051007669 9.0	6/13/05				
70040279	03	EP	Pending	Color Duplication Method And Apparatus	05010356.3	5/12/05				
70040279	06	JP	Pending	Color Duplication Method And Apparatus	P2005- 213032	7/22/05				
70040279	07	KR	Pending	Color Duplication Method And Apparatus	20050066521	7/22/05				
70040279	08	TW	Pending	Color Duplication Method And Apparatus	094115613	5/13/05				
70040284	01	US	Pending	Temperature Compensation Method And Apparatus For Color Sensors	10/903112	7/30/04				
70040284	02	JP	Pending	Temperature Compensation Method And Apparatus For Color Sensors	P2005- 221223	7/29/05				
70040287	01	US	Pending	Color Sensor System With Voltage Offset Correction	10/902674	7/29/04				
70040308	01	US	Pending	Chromatically Enhanced Display	10/941321	9/15/04				
70040314	01	US	Pending	Control Of Spectral Content In A Self Emissive Display	10/871969	6/18/04				
70040314	02	CN	Pending	Control Of Spectral Content In A Self Emissive Display	20051007180 1.8	5/20/05				
70040314	03	JP	Pending	Control Of Spectral Content In A Self Emissive Display	P2005- 177626	6/17/05				

70040314	04	KR	Pending	Control Of Spectral Content In A Self Emissive Display	2005-0051836	6/16/05				
70040325	01	US	Pending	Method And System Of Controlling Bicolor Luminary System	11/086138	3/22/05				
70040326	01	US	Published	Providing Optical Feedback On Light Color	10/912394	8/5/04	0030538	2/10/05		
70040326	02	CN	Pending	Providing Optical Feedback On Light Color	20051005885 9.9	3/30/05				
70040326	03	JP	Pending	Providing Optical Feedback On Light Color	P2005- 226367	8/4/05				
70040326	04	TW	Pending	Providing Optical Feedback On Light Color	094107870	3/15/05				
70040328	01	US	Pending	Method And Apparatus Using Liquid Crystal Light Valve To Filter Incident Light On A Photodector	10/961601	10/8/04				
70040329	01	US	Pending	Method And Apparatus For Adjusting A Mixed Light Produced By First And Second Light Sources Of First And Second Colors.	10/856509	5/27/04				
70040329	02	JP	Pending	Method And Apparatus For Adjusting A Mixed Light Produced By First And Second Light Sources Of First And Second Colors.	P2005- 139719	5/12/05				
70040329	03	CN	Pending	Method And Apparatus For Adjusting A Mixed Light Produced By First And Second Light Sources Of First And Second Colors.	20051006319 2.1	4/5/05				
70040329	04	DE	Pending	Method And Apparatus For Adjusting A Mixed Light Produced By First And Second Light Sources Of First And Second Colors.	10200500862 1.7	2/23/05				
70040330	01	US	Pending	Color Management System	11/020998	12/23/04				
70040340	01	US	Pending	Illumination Apparatus And Method	10/903147	7/30/04				
70040340	02	CN	Pending	Illumination Apparatus And Method	20051007180 5.6	5/20/05				
70040340	03	JP	Pending	Illumination Apparatus And Method	P2005- 221224	7/29/05				
70040342	01	US	Pending	Phosphor Converted Light Source	11/135712	5/23/05				
70040345	01	US	Pending	Light Source Utilizing An Infrared Sensor To Maintain Brightness And Color Of An LED Device	11/069315	2/28/05				
70040346	01	US	Pending	Method And Apparatus For Regulating Light Administered At A Patient Treatment Site	10/977925	10/29/04				
70040369	01	US	Pending	Method And Apparatus For Mixing Light Emitted By A Plurality Of Solid-State Light Emitters	10/971626	10/22/04				
70040369	02	CN	Pending	Method And Apparatus For Mixing Light Emitted By A Plurality Of Solid-State Light Emitters	20051010827 9.6	10/10/05				
70040369	03	JP	Pending	Method And Apparatus For Mixing Light Emitted By A Plurality Of Solid-State Light Emitters	P2005- 302809	10/18/05				
70040386	01	US	Pending	White LED Utilizing Organic Dyes	11/025450	12/27/04				
70040387	01	US	Pending	Light Emitting Device With Controlled Thickness Phosphor	10/959005	10/5/04				
70040388	01	US	Pending	Device And Method For Emitting Output Light Using Quantum Dots And Non-Quantum Fluorescent Material	10/966534	10/14/04				
70040388	02	CN	Pending	Device And Method For Emitting Output Light Using Quantum Dots And Non-Quantum Fluorescent Material	20051007697 1.5	6/9/05				
70040388	03	JP	Pending	Device And Method For Emitting Output Light Using Quantum Dots And Non-Quantum Fluorescent Material	P2005- 296064	10/11/05				
70040388	04	TW	Pending	Device And Method For Emitting Output Light Using Quantum Dots And Non-Quantum Fluorescent Material	094116371	5/19/05				
70040389	01	US	Pending	Light Emitting Device With Multiple Layers Of Quantum Dots And Method For Making The Device	10/999352	11/30/04				
70040396	01	US	Pending	Flash Module, Camera, And Method For Illuminating An Object During Flash Photography	10/941236	9/15/04				
70040396	02	CN	Pending	Flash Module, Camera, And Method For Illuminating An Object During Flash Photography	20051008739 5.4	7/29/05				
70040396	03	JP	Pending	Flash Module, Camera, And Method For Illuminating An Object During Flash Photography	P2005- 258950	9/7/05				
70040397	01	US	Pending	Light Source With Wavelength Converting Material	10/954399	9/30/04				
70040397	02	CN	Pending	Light Source With Wavelength Converting Material	20051008538 0.4	7/26/05				
70040397	03	JP	Pending	Light Source With Wavelength Converting Material	P2005- 269796	9/16/05				
70040398	01	US	Pending	Deep Ultraviolet Used To Produce White Light	10/889244	7/12/04				
70040398	02	CN	Pending	Deep Ultraviolet Used To Produce White Light	20051005989 3.8	4/1/05				

70040398	03	DE	Pending	Deep Ultraviolet Used To Produce White Light Background	10200501445 7.8	3/30/05				
70040398	04	JP	Pending	Deep Ultraviolet Used To Produce White Light	P2005- 198114	7/6/05				
70040402	01	US	Pending	Stacked Light Source	10/945734	9/21/04				
70040402	02	CN	Pending	Stacked Light Source	20051008044 8.X	7/1/05				
70040402	03	JP	Pending	Stacked Light Source	P2005- 239870	8/22/05				
70040407	01	US	Pending	Light Source Calibration	10/880949	6/30/04				
70040407	02	JP	Pending	Light Source Calibration	P2005- 177664	6/17/05				
70040408	01	US	Pending	Vertical Cavity Surface-Emitting Laser In Non-Hermetic Transistor Outline Package	11/088111	3/23/05				
70040413	01	US	Pending	Device And Method For Producing Output Light Having A Wavelength Spectrum In The Visible Range And The Infrared Range Using A Fluorescent Material	10/924556	8/23/04				
70040413	02	CN	Pending	Device And Method For Producing Output Light Having A Wavelength Spectrum In The Visible Range And The Infrared Range Using A Fluorescent Material	20051005895 8.7	3/25/05				
70040413	03	JP	Pending	Device And Method For Producing Output Light Having A Wavelength Spectrum In The Visible Range And The Infrared Range Using A Fluorescent Material	P2005- 241439	8/23/05				
70040413	04	TW	Pending	Device And Method For Producing Output Light Having A Wavelength Spectrum In The Visible Range And The Infrared Range Using A Fluorescent Material	094106983	3/8/05				
70040414	01	US	Pending	System, Method And Apparatus For Regulating The Light Emitted By A Light Source	10/959939	10/5/04				
70040414	02	CN	Pending	System, Method And Apparatus For Regulating The Light Emitted By A Light Source	20051009083 6.6	8/16/05				
70040414	03	JP	Pending	System, Method And Apparatus For Regulating The Light Emitted By A Light Source	P2005- 290985	10/4/05				
70040415	01	US	Pending	Device And Method For Providing Illuminating Light Using Quantum Dots	10/992142	11/18/04				
70040416	01	US	Pending	Optical Encoding That Utilizes Total Internal Reflection	10/926243	8/25/04				
70040416	02	CN	Pending	Optical Encoding That Utilizes Total Internal Reflection	20051007218 3.9	5/23/05				
70040420	01	US	Published	LED Illumination System Having An Intensity Monitoring System	10/979058	11/1/04	0133686	6/23/05		
70040420	02	CN	Pending	LED Illumination System Having An Intensity Monitoring System	20051010286 5.X	9/13/05				
70040420	03	JP	Pending	LED Illumination System Having An Intensity Monitoring System	P2005- 308202	10/24/05				
70040420	04	KR	Unfiled	LED Illumination System Having An Intensity Monitoring System						
70040495	01	US	Pending	UV Adjustable Optical Attenuator	11/186110	7/21/05				
70040498	01	US	Pending	Light-Emitting Diode Flash Module With Enhanced Spectral Emission	11/012761	12/15/04				
70040498	02	CN	Published	Light-Emitting Diode Flash Module With Enhanced Spectral Emission	94125101	7/25/05	2005101095 04.8	10/19/05		
70040498	03	DE	Pending	Light-Emitting Diode Flash Module With Enhanced Spectral Emission	10200504507 6.8	9/21/05				
70040498	04	JP	Unfiled	Light-Emitting Diode Flash Module With Enhanced Spectral Emission						
70040498	05	TW	Pending	Light-Emitting Diode Flash Module With Enhanced Spectral Emission	94125101	7/25/05				
70040547	01	US	Pending	Integrated Optical Module For Reflectance Sensing	11/113693	4/25/05				
70040547	02	JP	Unfiled	Integrated Optical Module For Reflectance Sensing						
70040547	03	GB	Unfiled	Integrated Optical Module For Reflectance Sensing						
70040619	01	US	Pending	Method And Apparatus For Setting The Color Point Of An Led Light Source	10/902409	7/28/04				
70040619	02	CN	Pending	Method And Apparatus For Setting The Color Point Of An Led Light Source	20051008559 0.3	7/25/05				
70040619	03	EP	Pending	Method And Apparatus For Setting The Color Point Of An Led Light Source	05011864.5	6/1/05				

70040619	04	JP	Pending	Method And Apparatus For Setting The Color Point Of An Led Light Source	P2005-211179	7/21/05				
70040619	05	KR	Pending	Method And Apparatus For Setting The Color Point Of An Led Light Source		7/27/05				
70040619	06	TW	Pending	Method And Apparatus For Setting The Color Point Of An Led Light Source		6/10/05				
70040621	01	US	Pending	Light-Emitting Diode Display With Compartment	11/010211	12/10/04				
70040621	02	CN	Unfiled	Light-Emitting Diode Display With Compartment						
70040621	03	DE	Pending	Light-Emitting Diode Display With Compartment	102005045104.7	9/21/05				
70040621	04	JP	Unfiled	Light-Emitting Diode Display With Compartment						
70040622	01	US	Pending	Variable Focus Optic Module And Optic System	10/939259	9/10/04				
70040622	02	CN	Pending	Variable Focus Optic Module And Optic System	200510085156.5	7/21/05				
70040622	03	JP	Pending	Variable Focus Optic Module And Optic System	P2005-254588	9/2/05				
70040627	01	US	Pending	Low Noise Amplifier With Low Noise High Isolation Bias Circuit	10/975758	10/28/04				
70040627	02	CN	Pending	Low Noise Amplifier With Low Noise High Isolation Bias Circuit	200510087397.3	7/29/05				
70040629	01	US	Pending	Solderable Structures And Methods For Soldering	10/934815	9/3/04				
70040630	01	US	Pending	Phosphor Mixture Of Orange/red Znse0.5s0.5:cu, Cl And Green Basrga4s7: Eu For White Phosphor-Converted LED	10/887598	7/9/04				
70040630	02	CN	Pending	Phosphor Mixture Of Orange/red Znse0.5s0.5:cu, Cl And Green Basrga4s7: Eu For White Phosphor-Converted LED	200510053709.9	3/10/05				
70040630	03	DE	Pending	Phosphor Mixture Of Orange/red Znse0.5s0.5:cu, Cl And Green Basrga4s7: Eu For White Phosphor-Converted LED	102005014453.5	3/30/05				
70040630	04	JP	Pending	Phosphor Mixture Of Orange/red Znse0.5s0.5:cu, Cl And Green Basrga4s7: Eu For White Phosphor-Converted LED	P2005-196194	7/5/05				
70040630	05	TW	Pending	Phosphor Mixture Of Orange/red Znse0.5s0.5:cu, Cl And Green Basrga4s7: Eu For White Phosphor-Converted LED	094104472	2/16/05				
70040640	01	US	Pending	Image Capture Device	10/934709	9/3/04				
70040640	02	CN	Pending	Image Capture Device	200510090658.7	8/18/05				
70040640	03	JP	Pending	Image Capture Device	P2005-236637	8/17/05				
70040646	01	US	Pending	Color Detection Using Grayscale And Position Information	11/007498	12/7/04				
70040818	01	US	Published	Flash Module With Quantum Dot Light Conversion	11/010206	12/10/04	0135079	6/23/05		
70040818	02	CN	Pending	Flash Module With Quantum Dot Light Conversion		9/21/05				
70040818	03	DE	Pending	Flash Module With Quantum Dot Light Conversion	102005045106.3	9/21/05				
70040818	04	JP	Pending	Flash Module With Quantum Dot Light Conversion	P2005-297300	10/12/05				
70040819	01	US	Pending	System And Method For Surface Mountable Display	11/084517	3/18/05				
70040850	01	US	Pending	Mixture Of Alkaline Earth Metal Thilogallate Green Phosphor And Sulfide Red Phosphor For Phosphor-Converted Led	10/966238	10/14/04				
70040851	01	US	Pending	Packaged Electronic Devices, And Method For Making Same	11/014646	12/16/04				
70040851	02	JP	Unfiled	Packaged Electronic Devices, And Method For Making Same						
70040852	01	US	Pending	LED Backlight	10/971627	10/22/04				
70040852	02	CN	Pending	LED Backlight	200510105866.X	9/29/05				
70040852	03	JP	Pending	LED Backlight	P2005-301816	10/17/05				
70040852	04	KR	Unfiled	LED Backlight						
70040857	01	US	Pending	Computer Pointing Device With Motion-Driven Electromagnetic Induction Module	10/955514	9/30/04				
70040857	02	CN	Pending	Computer Pointing Device With Motion-Driven Electromagnetic Induction Module	200510090659.1	8/18/05				
70040863	01	US	Pending	Systems And Methods For High Resolution Optical Touch Position Systems	11/013556	12/16/04				
70040863	02	GB	Unfiled	Systems And Methods For High Resolution Optical Touch Position Systems						

70040863	03	JP	Unfiled	Systems And Methods For High Resolution Optical Touch Position Systems						
70040864	01	US	Pending	Touch Input System Using Light Guides	11/000109	11/30/04				
70040864	02	GB	Unfiled	Touch Input System Using Light Guides						
70040864	03	JP	Unfiled	Touch Input System Using Light Guides						
70040904	01	US	Pending	Bi-Curvature Lens For Light Emitting Diodes And Photo Detectors	11/074883	3/7/05				
70040904	02	JP	Unfiled	Bi-Curvature Lens For Light Emitting Diodes And Photo Detectors						
70040904	03	CN	Unfiled	Bi-Curvature Lens For Light Emitting Diodes And Photo Detectors						
70040904	04	GB	Unfiled	Bi-Curvature Lens For Light Emitting Diodes And Photo Detectors						
70040905	01	US	Pending	Serial Signal Injection Using Capacitive And Transformer Couplings For Powerline Communications	10/934263	9/2/04				
70040905	02	CN	Pending	Serial Signal Injection Using Capacitive And Transformer Couplings For Powerline Communications	20051009389 3.X	8/31/05				
70040905	03	GB	Pending	Serial Signal Injection Using Capacitive And Transformer Couplings For Powerline Communications	0516519.6	8/11/05				
70040905	04	JP	Pending	Serial Signal Injection Using Capacitive And Transformer Couplings For Powerline Communications	P2005- 241238	8/23/05				
70040932	01	US	Pending	Use Of A Plurality Of Light Sensors To Regulate A Direct-Fining Backlight For A Display	10/935063	9/7/04				
70040932	02	CN	Pending	Use Of A Plurality Of Light Sensors To Regulate A Direct-Fining Backlight For A Display	20051009052 4.5	8/17/05				
70040936	01	US	Pending	Small Package High Efficiency Illuminator Design	10/975823	10/28/04				
70040942	01	US	Pending	Optical Transmitter Module With An Integrated Lens And Method For Making The Module	11/035770	1/14/05				
70040942	02	CN	Pending	Optical Transmitter Module With An Integrated Lens And Method For Making The Module	20051010818 3.X	10/9/05				
70040943	01	US	Pending	A Low Cost Method And Apparatus For Establishing Fiber Optic Connections	10/947428	9/21/04				
70040943	02	CN	Pending	A Low Cost Method And Apparatus For Establishing Fiber Optic Connections	20051010307 6.8	9/19/05				
70040944	01	US	Pending	Lens, Lens Array And Optical Receiver	10/983567	11/8/04				
70040944	02	GB	Pending	Lens, Lens Array And Optical Receiver	0520562.0	10/10/05				
70040944	03	JP	Unfiled	Lens, Lens Array And Optical Receiver						
70040948	01	US	Pending	Variable Noise Control For An Optical Transducer	10/968564	10/18/04				
70040948	02	GB	Pending	Variable Noise Control For An Optical Transducer	0520659.4	10/11/05				
70040948	03	JP	Unfiled	Variable Noise Control For An Optical Transducer						
70040953	01	US	Pending	Device And Method For Emitting Output Light Using Group IIB Element Selenide-Based Phosphor Material	10/920791	8/17/04				
70040953	02	CN	Pending	Device And Method For Emitting Output Light Using Group IIB Element Selenide-Based Phosphor Material	20051000257 8.1	1/21/05				
70040953	03	DE	Published	Device And Method For Emitting Output Light Using Group IIB Element Selenide-Based Phosphor Material	10200405359 4.9-33	11/5/04	1020040535 94	8/18/05		
70040953	04	GB	Published	Device And Method For Emitting Output Light Using Group IIB Element Selenide-Based Phosphor Material	0501208.3	1/20/05	2410833	8/10/05		
70040953	05	JP	Published	Device And Method For Emitting Output Light Using Group IIB Element Selenide-Based Phosphor Material	P2005- 008287	1/14/05	2005210116	8/4/05		
70040954	01	US	Published	Device And Method For Emitting Output Light Using Group IIB Element Selenide-Based Phosphor Material And/or Thiogallate-Based Phosphor Material	10/920496	8/17/04	0156511	7/21/05		
70040954	02	CN	Pending	Device And Method For Emitting Output Light Using Group IIB Element Selenide-Based Phosphor Material And/or Thiogallate-Based Phosphor Material	20051000257 6.2	1/21/05				
70040954	03	DE	Published	Device And Method For Emitting Output Light Using Group IIB Element Selenide-Based Phosphor Material And/or Thiogallate-Based Phosphor Material	10200405409 3.4	11/9/04	1020040540 93.4	9/8/05		

70040954	04	GB	Published	Device And Method For Emitting Output Light Using Group IIB Element Selenide-Based Phosphor Material And/or Thiogallate-Based Phosphor Material	0501209.1	1/20/05	2410612	8/3/05		
70040954	05	JP	Published	Device And Method For Emitting Output Light Using Group IIB Element Selenide-Based Phosphor Material And/or Thiogallate-Based Phosphor Material	P2005-008288	1/14/05	2005210117	8/4/05		
70040956	01	US	Pending	Device And Method For Emitting Output Light Using Group IIA/IIB Selenide Sulfur-Based Phosphor Material	10/920497	8/17/04				
70040956	02	CN	Pending	Device And Method For Emitting Output Light Using Group IIA/IIB Selenide Sulfur-Based Phosphor Material	20051005371 1.6	3/10/05				
70040956	03	DE	Pending	Device And Method For Emitting Output Light Using Group IIA/IIB Selenide Sulfur-Based Phosphor Material	10200501445 9.4	3/30/05				
70040956	04	JP	Pending	Device And Method For Emitting Output Light Using Group IIA/IIB Selenide Sulfur-Based Phosphor Material	P2005-196200	7/5/05				
70040956	05	TW	Pending	Device And Method For Emitting Output Light Using Group IIA/IIB Selenide Sulfur-Based Phosphor Material	094104473	2/16/05				
70040975	01	US	Pending	Lens Structure, Optical Transmitter, And Method For Producing Same	10/979687	11/1/04				
70040975	02	GB	Pending	Lens Structure, Optical Transmitter, And Method For Producing Same	0521293.1	10/19/05				
70040975	03	JP	Unfiled	Lens Structure, Optical Transmitter, And Method For Producing Same						
70040976	01	US	Pending	Portable Electronic Device With Activation Sensor	10/947088	9/22/04				
70040976	02	CN	Pending	Portable Electronic Device With Activation Sensor	20051010356 1.5	9/21/05				
70040976	03	GB	Pending	Portable Electronic Device With Activation Sensor	0519086.3	9/19/05				
70040976	04	JP	Pending	Portable Electronic Device With Activation Sensor	P2005-260956	9/8/05				
70040979	01	US	Pending	Light Emitting Device With Enhanced Encapsulant Adhesion Using Siloxane Material And Method For Fabricating The Device	11/064064	2/23/05				
70040980	01	US	Pending	Compact Light Emitting Device Package With Enhanced Heat Dissipation And Method For Making The Package	11/104282	4/12/05				
70040980	02	CN	Unfiled	Compact Light Emitting Device Package With Enhanced Heat Dissipation And Method For Making The Package						
70040980	03	TW	Pending	Compact Light Emitting Device Package With Enhanced Heat Dissipation And Method For Making The Package	94134955	10/6/05				
70040983	01	US	Pending	Enhanced Reflective Optical Encoder	10/985701	11/10/04				
70040983	02	CN	Pending	Enhanced Reflective Optical Encoder	20051010925 1.4	10/17/05				
70040991	01	US	Pending	Controller, System And Method For Identifying A Number Of Interactions With A Computer Input Area	11/096064	3/31/05				
70040991	02	JP	Unfiled	Controller, System And Method For Identifying A Number Of Interactions With A Computer Input Area						
70040991	03	CN	Unfiled	Controller, System And Method For Identifying A Number Of Interactions With A Computer Input Area						
70040991	04	GB	Unfiled	Controller, System And Method For Identifying A Number Of Interactions With A Computer Input Area						
70040992	01	US	Pending	System And Method To Prevent Cross-Talk Between A Transmitter And A Receiver	10/896829	7/22/04				
70040992	02	GB	Pending	System And Method To Prevent Cross-Talk Between A Transmitter And A Receiver	0514480.3	7/14/05				
70040992	03	JP	Pending	System And Method To Prevent Cross-Talk Between A Transmitter And A Receiver	P2005-203323	7/12/05				
70040995	01	US	Pending	Electric Device With Ambient Light Sensor	10/954405	9/30/04				
70040995	02	CN	Pending	Electric Device With Ambient Light Sensor	20051010511 2.4	9/22/05				
70040995	03	GB	Pending	Electric Device With Ambient Light Sensor	0519977.3	9/30/05				

70040995	04	JP	Pending	Electric Device With Ambient Light Sensor	P2005-283301	9/29/05				
70040996	01	US	Pending	Method And Apparatus For Identifying A Sensed Light Environment	10/977958	10/29/04				
70040996	02	CN	Pending	Method And Apparatus For Identifying A Sensed Light Environment	20051010958 3.2	10/26/05				
70040996	03	GB	Pending	Method And Apparatus For Identifying A Sensed Light Environment	0520374.0	10/6/05				
70040996	04	JP	Pending	Method And Apparatus For Identifying A Sensed Light Environment	P2005-308386	10/24/05				
70041073	01	US	Pending	Photodiode Circuit With Improved Response Time	11/084584	3/18/05				
70041074	01	US	Pending	Automatic Gain Control Circuit For Infrared Receiver	11/089835	3/24/05				
70041074	02	JP	Unfiled	Automatic Gain Control Circuit For Infrared Receiver						
70041096	01	US	Pending	Comparator With Hysteresis	11/057244	2/14/05				
70041096	02	JP	Unfiled	Comparator With Hysteresis						
70041098	01	US	Pending	System And Method For Constructing Optical Devices Using Fold-Up Portions Extended From A Substrate	11/098714	4/4/05				
70041098	02	JP	Unfiled	System And Method For Constructing Optical Devices Using Fold-Up Portions Extended From A Substrate						
70041098	03	GB	Unfiled	System And Method For Constructing Optical Devices Using Fold-Up Portions Extended From A Substrate						
70041103	01	US	Pending	System, Method And Apparatus Using Addressable Light Sensors	10/979650	11/2/04				
70041103	02	CN	Pending	System, Method And Apparatus Using Addressable Light Sensors	20051008416 7.1	7/14/05				
70041103	03	GB	Pending	System, Method And Apparatus Using Addressable Light Sensors	0522392.0	11/2/05				
70041103	04	IN	Unfiled	System, Method And Apparatus Using Addressable Light Sensors						
70041103	05	JP	Unfiled	System, Method And Apparatus Using Addressable Light Sensors						
70041103	06	KR	Unfiled	System, Method And Apparatus Using Addressable Light Sensors						
70041103	07	TW	Pending	System, Method And Apparatus Using Addressable Light Sensors	094119696	6/14/05				
70041105	01	US	Pending	Optical Mouse With Barcode Reading Function	11/066836	2/25/05				
70041105	02	CN	Pending	Optical Mouse With Barcode Reading Function		11/17/05				
70041106	01	US	Pending	Low Cost Absolute Linear Optical Encoder	10/979280	11/1/04				
70041107	01	US	Pending	Optical Navigation System Having A Ring Pixel Array	11/013982	12/15/04				
70041107	02	CN	Pending	Optical Navigation System Having A Ring Pixel Array	20051010929 6.1	10/20/05				
70041107	03	TW	Pending	Optical Navigation System Having A Ring Pixel Array	94125232	7/26/05				
70041114	01	US	Pending	Proximity Sensor For A Graphical User Interface Navigation Button	11/215336	8/30/05				
70041118	01	US	Pending	Temperature Compensated Laser System	11/046363	1/27/05				
70041119	01	US	Pending	Method For Controlling Illumination Employed By A Computer Pointing Peripheral And Computer Pointing Peripheral	10/942653	9/14/04				
70041119	02	CN	Pending	Method For Controlling Illumination Employed By A Computer Pointing Peripheral And Computer Pointing Peripheral	20051007962 5.2	6/23/05				
70041119	03	TW	Pending	Method For Controlling Illumination Employed By A Computer Pointing Peripheral And Computer Pointing Peripheral		6/3/05				
70041120	01	US	Pending	Side Emitting LED Device And Method Of Fabrication	10/981042	11/4/04				
70041120	02	DE	Pending	Side Emitting LED Device And Method Of Fabrication	10200503519 2.1	7/27/05				
70041120	03	JP	Unfiled	Side Emitting LED Device And Method Of Fabrication						
70041121	01	US	Pending	System And Method For Increasing Data Communication Bandwidth In A Light Communication System	10/954925	9/30/04				
70041121	02	CN	Pending	System And Method For Increasing Data Communication Bandwidth In A Light Communication System	20051009369 6.3	8/31/05				

70041121	03	DE	Pending	System And Method For Increasing Data Communication Bandwidth In A Light Communication System	10200503324 5.5	7/15/05				
70041121	04	JP	Pending	System And Method For Increasing Data Communication Bandwidth In A Light Communication System	P2005- 283302	9/29/05				
70041123	01	US	Pending	Field Sequential Color Display With Feedback Control	10/970911	10/22/04				
70041123	02	DE	Pending	Field Sequential Color Display With Feedback Control	10200503229 6.4	7/11/05				
70041123	03	JP	Pending	Field Sequential Color Display With Feedback Control	P2005- 302811	10/18/05				
70041124	01	US	Pending	Color Measurements Of Ambient Light	11/029613	1/4/05				
70041124	02	DE	Pending	Color Measurements Of Ambient Light		9/28/05				
70041124	03	JP	Unfiled	Color Measurements Of Ambient Light						
70041125	01	US	Pending	Light Emitting Device Having A Layer Of Photonic Crystals With Embedded Photoluminescent Material And Method For Fabricating Device	11/069922	2/28/05				
70041125	02	JP	Unfiled	Light Emitting Device Having A Layer Of Photonic Crystals With Embedded Photoluminescent Material And Method For Fabricating Device						
70041125	03	CN	Unfiled	Light Emitting Device Having A Layer Of Photonic Crystals With Embedded Photoluminescent Material And Method For Fabricating Device						
70041125	04	DE	Pending	Light Emitting Device Having A Layer Of Photonic Crystals With Embedded Photoluminescent Material And Method For Fabricating Device	10200505031 7.9	10/20/05				
70041267	01	US	Pending	Method And Apparatus For Concurrently Transmitting A Digital Control Signal And An Analog Signal From A Sending Circuit To A Receiving Circuit	11/062158	2/18/05				
70041267	02	JP	Unfiled	Method And Apparatus For Concurrently Transmitting A Digital Control Signal And An Analog Signal From A Sending Circuit To A Receiving Circuit						
70041267	03	CN	Unfiled	Method And Apparatus For Concurrently Transmitting A Digital Control Signal And An Analog Signal From A Sending Circuit To A Receiving Circuit						
70041267	04	GB	Unfiled	Method And Apparatus For Concurrently Transmitting A Digital Control Signal And An Analog Signal From A Sending Circuit To A Receiving Circuit						
70041269	01	US	Pending	Construction And Use Of Preamps Having Discrete Gain States	11/077045	3/10/05				
70041270	01	US	Unfiled	PVT Independent Clock Edge Generator Using Duty Cycle Feedback						
70041273	01	US	Pending	Apparatus And Method For Generating An Output Signal That Tracks The Temperature Coefficient Of A Light Source	11/070951	3/2/05				
70041273	02	JP	Unfiled	Apparatus And Method For Generating An Output Signal That Tracks The Temperature Coefficient Of A Light Source						
70041273	03	CN	Unfiled	Apparatus And Method For Generating An Output Signal That Tracks The Temperature Coefficient Of A Light Source						
70041273	04	GB	Unfiled	Apparatus And Method For Generating An Output Signal That Tracks The Temperature Coefficient Of A Light Source						
70041278	01	US	Pending	Methods And Apparatus For Reducing Output Current Oscillations Of A Driver Provided With Circuitry That Senses And Responds To Excessive Current Draws Of An Output Stage Of The Driver	11/147795	6/6/05				
70041286	01	US	Pending	Switches Having Wettable Surfaces Comprising A Material That Does Not Form Alloys With A Switching Fluid, And Method Of Making Same	11/086874	3/21/05				
70041286	02	JP	Unfiled	Switches Having Wettable Surfaces Comprising A Material That Does Not Form Alloys With A Switching Fluid, And Method Of Making Same						
70041286	03	CN	Unfiled	Switches Having Wettable Surfaces Comprising A Material That Does Not Form Alloys With A Switching Fluid, And Method Of Making Same						

70041286	04	GB	Unfiled	Switches Having Wetttable Surfaces Comprising A Material That Does Not Form Alloys With A Switching Fluid, And Method Of Making Same					
70041290	01	US	Pending	Double Mold Optocoupler	11/216863	8/31/05			
70041291	01	US	Pending	Double Mold Widebody Optocoupler	11/205730	8/17/05			
70041297	01	US	Pending	Light Emitting Diode With At Least Two Light Emitting Zones And Method For Manufacture	11/180939	7/13/05			
70041298	01	US	Pending	Fluid-Based Switch, And Method Of Making Same	11/195047	8/1/05			
70041345	01	US	Pending	Electronic Flash, Imaging Device And Method For Producing A Flash Of Light Having A Wavelength Spectrum In The Visible Range And The Infrared Range Using A Fluorescent Material	10/966057	10/14/04			
70041345	02	GB	Pending	Electronic Flash, Imaging Device And Method For Producing A Flash Of Light Having A Wavelength Spectrum In The Visible Range And The Infrared Range Using A Fluorescent Material	0520259.3	10/5/05			
70041345	03	JP	Pending	Electronic Flash, Imaging Device And Method For Producing A Flash Of Light Having A Wavelength Spectrum In The Visible Range And The Infrared Range Using A Fluorescent Material	P2005-298560	10/13/05			
70041345	04	KR	Unfiled	Electronic Flash, Imaging Device And Method For Producing A Flash Of Light Having A Wavelength Spectrum In The Visible Range And The Infrared Range Using A Fluorescent Material					
70041346	01	US	Pending	Color Sensor Counterfeit Ink Detection	10/977574	10/29/04			
70041346	02	JP	Pending	Color Sensor Counterfeit Ink Detection	P2005-311481	10/26/05			
70041347	01	US	Pending	True-Color Computer Monitor Preview Of A Color Print	10/974205	10/27/04			
70041347	02	JP	Pending	True-Color Computer Monitor Preview Of A Color Print	P2005-305424	10/20/05			
70041396	01	US	Pending	Heat Actuated Magnetic Latching Microswitch	11/227756	9/15/05			
70041398	01	US	Pending	Transimpedance Amplifier With Signal Amplification Circuit That Perfoms Power Signal Regulation	11/078539	3/12/05			
70041398	02	JP	Unfiled	Transimpedance Amplifier With Signal Amplification Circuit That Perfoms Power Signal Regulation					
70041398	03	CN	Unfiled	Transimpedance Amplifier With Signal Amplification Circuit That Perfoms Power Signal Regulation					
70041398	04	GB	Unfiled	Transimpedance Amplifier With Signal Amplification Circuit That Perfoms Power Signal Regulation					
70041410	01	US	Unfiled	Optical Touch System With Polar Coordinate Approach					
70041433	01	US	Pending	Photographic Light System, Imaging Device And Method For Providing Different Types Of Photographic Light Usung A Single Multifunctional Light Module	11/125681	5/10/05			
70041434	01	US	Pending	Apparatus And System For Characterizing A Target	11/182440	7/15/05			
70041435	01	US	Pending	Light Emitting Panel	11/103172	4/11/05			
70041435	02	JP	Unfiled	Light Emitting Panel					
70041435	03	CN	Unfiled	Light Emitting Panel					
70041435	04	DE	Unfiled	Light Emitting Panel					
70041435	05	GB	Unfiled	Light Emitting Panel					
70041435	06	IN	Pending	Light Emitting Panel	2688//DEL/2005	10/6/05			
70041435	07	KR	Unfiled	Light Emitting Panel					
70041435	08	TW	Pending	Light Emitting Panel	94134950	10/6/05			
70041437	01	US	Pending	Transmissive Optical Encoder	11/226684	9/14/05			
70041438	01	US	Pending	Safe Eye Detection	11/095959	3/31/05			
70041438	02	JP	Unfiled	Safe Eye Detection					
70041438	03	KR	Unfiled	Safe Eye Detection					
70041439	01	US	Pending	Methods For Packaging An Image Sensor And A Packaged Sensor	11/140157	5/27/05			
70041440	01	US	Pending	System And Method For Increasing The Surface Mounting Stability Of A Lamp	11/052385	2/7/05			
70041440	02	JP	Unfiled	System And Method For Increasing The Surface Mounting Stability Of A Lamp					
70041441	01	US	Pending	LED Mounting Having Increased Heat Dissipation	11/075094	3/8/05			
70041441	02	JP	Unfiled	LED Mounting Having Increased Heat Dissipation					

70041441	03	CN	Unfiled	LED Mounting Having Increased Heat Dissipation					
70041441	04	DE	Unfiled	LED Mounting Having Increased Heat Dissipation					
70041441	05	GB	Unfiled	LED Mounting Having Increased Heat Dissipation					
70041441	06	IN	Pending	LED Mounting Having Increased Heat Dissipation	2593/DEL/2005	9/27/05			
70041441	07	KR	Unfiled	LED Mounting Having Increased Heat Dissipation					
70041441	08	TW	Pending	LED Mounting Having Increased Heat Dissipation	94134249	9/30/05			
70041444	01	US	Pending	Scalable Controller For A Computer Input Area	11/216860	8/31/05			
70041460	01	US	Pending	System And Method For Mounting Electrical Devices	11/030022	1/6/05			
70041460	02	CN	Pending	System And Method For Mounting Electrical Devices	200510090335.8	8/12/05			
70041460	03	TW	Pending	System And Method For Mounting Electrical Devices	94125590	7/28/05			
70041476	01	US	Pending	Methods And Apparatus For Operating Optical Sensors	11/141919	6/1/05			
70041510	01	US	Pending	Electrostatic Discharge Protection Circuit And Method	11/166176	6/27/05			
70041511	01	US	Pending	Bandgap Reference Circuit	11/204352	8/16/05			
70041582	01	US	Pending	Light-Emitting Apparatus Having A Plurality Of Adjacent, Overlapping Light-Guide Plates	11/096950	4/1/05			
70041582	02	JP	Unfiled	Light-Emitting Apparatus Having A Plurality Of Adjacent, Overlapping Light-Guide Plates					
70041582	03	CN	Unfiled	Light-Emitting Apparatus Having A Plurality Of Adjacent, Overlapping Light-Guide Plates					
70041582	04	DE	Unfiled	Light-Emitting Apparatus Having A Plurality Of Adjacent, Overlapping Light-Guide Plates					
70041582	05	GB	Unfiled	Light-Emitting Apparatus Having A Plurality Of Adjacent, Overlapping Light-Guide Plates					
70041582	06	KR	Unfiled	Light-Emitting Apparatus Having A Plurality Of Adjacent, Overlapping Light-Guide Plates					
70041582	07	TW	Pending	Light-Emitting Apparatus Having A Plurality Of Adjacent, Overlapping Light-Guide Plates	94134542	10/4/05			
70041638	01	US	Pending	Meter For Measuring The Turbidity Of Fluids Using Reflective Light	11/216476	8/31/05			
70041639	01	US	Pending	Optical Encoder	11/031280	1/7/05			
70041639	02	CN	Pending	Optical Encoder	200510105167.5	9/28/05			
70041639	03	GB	Unfiled	Optical Encoder					
70041639	04	IN	Pending	Optical Encoder	2128/DEL/2005	8/11/05			
70041639	05	JP	Unfiled	Optical Encoder					
70041639	06	TW	Pending	Optical Encoder	94127170	8/10/05			
70041640	01	US	Pending	Optical Encoder With Integrated Monitor	11/066919	2/25/05			
70041641	01	US	Pending	Distributed Autonomous Control System For Multi-Axis Motion Control	11/248855	10/12/05			
70041642	01	US	Pending	Position Encoding Using Impedance Comparison	11/060450	2/17/05			
70041642	02	JP	Unfiled	Position Encoding Using Impedance Comparison					
70041642	03	TW	Pending	Position Encoding Using Impedance Comparison	94135533	10/12/05			
70041651	01	US	Unfiled	Method Of Combining IR Flash Imaging And RGB Color Filter Array To Improve Night View Image Quality					
70041652	01	US	Pending	Light System With An Attachment Structure That Is Insert Molded To A Light Guide	11/111023	4/21/05			
70041652	02	JP	Unfiled	Light System With An Attachment Structure That Is Insert Molded To A Light Guide					
70041652	03	CN	Unfiled	Light System With An Attachment Structure That Is Insert Molded To A Light Guide					
70041652	04	TW	Pending	Light System With An Attachment Structure That Is Insert Molded To A Light Guide	94134641	10/4/05			
70041654	01	US	Pending	System And Method For A Color Sensor	11/190329	7/27/05			
70041671	01	US	Pending	System, Display Apparatus And Method For Providing Controlled Illumination Using Internal Reflection	11/173208	7/1/05			
70041672	01	US	Pending	Isolated Stable Bias Circuit	11/208978	8/19/05			
70041673	01	US	Pending	Optical Navigation Method And Apparatus	11/140281	5/27/05			
70050104	01	US	Pending	Light Emitting Device Having A Layer Of Photonic Crystals And A Region Of Diffusing Material And Method For Fabricating The Device	11/140167	5/27/05			
70050105	01	US	Pending	Media Recognition Using A Single Light Detector	11/102411	4/8/05			
70050105	02	JP	Unfiled	Media Recognition Using A Single Light Detector					

70050107	01	US	Pending	Light Emitting Apparatus Having A Plurality Of Overlapping Panels Forming Recesses From Which Light Is Emitted	11/097397	4/1/05				
70050107	02	JP	Unfiled	Light Emitting Apparatus Having A Plurality Of Overlapping Panels Forming Recesses From Which Light Is Emitted						
70050107	03	CN	Unfiled	Light Emitting Apparatus Having A Plurality Of Overlapping Panels Forming Recesses From Which Light Is Emitted						
70050107	04	DE	Unfiled	Light Emitting Apparatus Having A Plurality Of Overlapping Panels Forming Recesses From Which Light Is Emitted						
70050107	05	GB	Unfiled	Light Emitting Apparatus Having A Plurality Of Overlapping Panels Forming Recesses From Which Light Is Emitted						
70050107	06	KR	Unfiled	Light Emitting Apparatus Having A Plurality Of Overlapping Panels Forming Recesses From Which Light Is Emitted						
70050107	07	TW	Pending	Light Emitting Apparatus Having A Plurality Of Overlapping Panels Forming Recesses From Which Light Is Emitted	94134779	10/5/05				
70050108	01	US	Pending	Use Of Wavelength Converting Material To Project An Image Or Backlighting Through A Display Panel, And Backlight For Exciting Same	11/109247	4/18/05				
70050109	01	US	Pending	Low Profile Light Source Utilizing A Flexible Circuit Carrier	11/223743	9/8/05				
70050110	01	US	Pending	Eliminating Mechanical Spring With Magnetic Forces	11/136883	5/25/05				
70050111	01	US	Pending	Imaging Device And Method For Producing An Infrared Filtered Digital Image	11/134208	5/18/05				
70050135	01	US	Pending	Semiconductor Light-Emitting Device And Method Of Manufacture	11/068645	2/22/05				
70050135	02	JP	Unfiled	Semiconductor Light-Emitting Device And Method Of Manufacture						
70050135	03	CN	Unfiled	Semiconductor Light-Emitting Device And Method Of Manufacture						
70050135	04	DE	Pending	Semiconductor Light-Emitting Device And Method Of Manufacture		11/4/05				
70050135	05	KR	Unfiled	Semiconductor Light-Emitting Device And Method Of Manufacture						
70050135	06	TW	Pending	Semiconductor Light-Emitting Device And Method Of Manufacture	94135166	10/7/05				
70050139	01	US	Pending	Apparatus, Device And Method For Emitting Output Light Using Group IIB Element Selenide-Based Phosphor Material And/or Thiogallate-Based Phosphor Material	11/205620	8/15/05				
70050140	01	US	Pending	Increased Light Output Light Emitting Device Using Multiple Phosphors	11/100021	4/6/05				
70050141	01	US	Pending	Device And Method For Emitting Output Light Using Multiple Light Sources With Photoluminescent Material	11/186221	7/21/05				
70050301	01	US	Pending	Device And Method For Producing Output Light Having A Wavelength Spectrum In The Infrared Wavelength Range And The Visible Wavelength Range	11/177878	7/8/05				
70050302	01	US	Pending	Portable Fluorescence Detection Unit Adapted For Eye Protection	11/080965	3/14/05				
70050302	02	JP	Unfiled	Portable Fluorescence Detection Unit Adapted For Eye Protection						
70050302	03	CN	Pending	Portable Fluorescence Detection Unit Adapted For Eye Protection		11/10/05				
70050302	04	DE	Unfiled	Portable Fluorescence Detection Unit Adapted For Eye Protection						
70050302	05	KR	Unfiled	Portable Fluorescence Detection Unit Adapted For Eye Protection						
70050302	06	TW	Pending	Portable Fluorescence Detection Unit Adapted For Eye Protection	94134250	9/30/05				
70050303	01	US	Pending	Phosphor Based On A Combination Of Quantum Dot And Conventional Phosphors	11/195199	8/1/05				
70050304	01	US	Pending	Light Source Adapted For LCD Back-Lit Displays	11/136170	5/23/05				
70050305	01	US	Pending	Light Source Utilizing A Flexible Circuit Carrier	11/140865	5/31/05				
70050306	01	US	Pending	PLCC Package With Intergrated Lens And Method For Making The Package	11/201503	8/11/05				

70050307	01	US	Pending	Light Sources With Improved Life	11/145140	6/3/05				
70050313	01	US	Pending	Method And Apparatus For Providing A Visual Indication Of A Position Of A Steerable Wheel, And Components Thereof	11/198421	8/5/05				
70050315	01	US	Pending	Method Of Monitoring And Controlling A Laser Diode	11/223520	9/9/05				
70050336	01	US	Pending	System And Method For Fault Detection And Recovery For An Optical Input Area	11/195249	8/1/05				
70050337	01	US	Pending	Optical Receiver With Matched Photodetector Capacitance		10/13/05				
70050341	01	US	Pending	Multi-Stage Light Emitting Diode Driver Circuit	11/186753	7/22/05				
70050376	01	US	Unfiled	Method For Integrating Pulsating Light Source						
70050380	01	US	Pending	Improved Optical Generic Switch Panel	11/215180	8/29/05				
70050381	01	US	Pending	A Light Source For LCD Back-Lit Displays	11/119206	4/28/05				
70050381	02	JP	Unfiled	A Light Source For LCD Back-Lit Displays						
70050381	03	CN	Unfiled	A Light Source For LCD Back-Lit Displays						
70050381	04	TW	Pending	A Light Source For LCD Back-Lit Displays	94134645	10/4/05				
70050382	01	US	Pending	Method For Attaching An Optical Filter To An Encapsulated Package	11/232308	9/20/05				
70050383	01	US	Pending	Transmitter Optical Sub-Assembly Receptacle With Thicker Split Sleeve	11/225476	9/13/05				
70050386	01	US	Pending	Method For Controlling Attenuation Of An Optical Element	11/166623	6/23/05				
70050496	01	US	Pending	Electro-Optical Subassembly	11/082623	3/17/05				
70050496	02	JP	Pending	Electro-Optical Subassembly	P2005-313029	10/27/05				
70050496	03	GB	Pending	Electro-Optical Subassembly	0513872.2	7/6/05				
70050569	01	US	Unfiled	Self Compensating Circuit						
70050604	01	US	Pending	Integrated Infrared Transceiver	11/174151	6/30/05				
70050605	01	US	Pending	System And Method For Measuring And Correcting Data Lane Skews	11/249210	10/13/05				
70050680	01	US	Pending	System And Method For Optical Encoding On Two Opposed Surfaces Of A Pattern Medium	11/155961	6/17/05				
70050681	01	US	Unfiled	Optical Projecting Encoder						
70050682	01	US	Pending	Reflective Encoders With Various Emitter-Detector Configurations	11/259419	10/26/05				
70050683	01	US	Unfiled	Two-Dimensional Encoder With Single Photo-Detector Array						
70050686	01	US	Unfiled	Placement Arrangement Of Dice To Ease Dome Design						
70050689	01	US	Unfiled	Joystick/joypad Application Using Encoder						
70050691	01	US	Pending	Reflective Optical Encoder	11/226681	9/14/05				
70050696	01	US	Pending	Imaging Device And Method For Producing A Flash Of Light With Pulsing	11/215609	8/29/05				
70050697	01	US	Pending	LED Device With Enhanced Light Output	11/229900	9/19/05				
70050698	01	US	Pending	Compact LED Package With Reduced Field Angle	11/153706	6/15/05				
70050699	01	US	Pending	System And Method For Emitting And Detecting Light Using Light Emitting Diode	11/230708	9/19/05				
70050700	01	US	Pending	Virtual Display With Motion Synchronization	11/225928	9/13/05				
70050701	01	US	Pending	Light Source With UV LED Reflector	11/210714	8/23/05				
70050702	01	US	Pending	Methods To Improve Light Distribution Uniformity Of Phosphor-Converted LED	11/202440	8/12/05				
70050703	01	US	Pending	Light Emitting Device With Adjustable Reflector Cup	11/255544	10/21/05				
70050704	01	US	Pending	Light Source Having A Variable Focal Length	11/223636	9/9/05				
70050706	01	US	Pending	Light-Emitting Diode Module For Flash And Auto-Focus Application	11/199509	8/8/05				
70050707	01	US	Pending	Electronic Flash, Imaging Device And Method For Producing A Flash Of Light Having A Rectangular Radiation Pattern	11/207385	8/19/05				
70050708	01	US	Pending	Camera Flash With Improved Color Balance	11/248795	10/10/05				
70050793	01	US	Unfiled	High Impedance Current Mirror Using Feedback Technique To Track Vds For Low Voltage/high Speed Applications						
70050795	01	US	Pending	Method And Apparatus For Generating An Optimized Reference Current Threshold		11/10/05				
70050813	01	US	Pending	Electroluminescent Device Having A Plurality Of Light Emitting Diodes	11/252655	10/18/05				
70050815	01	US	Pending	Opto-Electronic Package, And Methods And Systems For Making And Using Same	11/208834	8/22/05				
70050816	01	US	Pending	Two-Terminal LED Device With Tunable Color	11/147056	6/7/05				
70050821	01	US	Pending	Method And Apparatus For Communication Using Pulse-Width Modulated Visible Light	11/194956	8/1/05				

70050920	01	US	Unfiled	Digital Automatic Gain Control For Optical Transceiver IC					
70050921	01	US	Pending	System And Method For Demodulating Amplitude Modulated Signals	11/266916	11/4/05			
70050952	01	US	Pending	Optical Encoder With Integrated Index Channel	11/218225	8/31/05			
70050953	01	US	Unfiled	Agilent Quadrature Encoder Alignment Tool					
70050954	01	US	Unfiled	Organometallic Colloids As A Material For Filtering IR Emission That Can Be Directly Coated Onto Epoxy Encapsulated Package					
70050955	01	US	Unfiled	Metallic Colloids As On-Chip Tunable RGB Color Filters					
70050956	01	US	Pending	Method And System For Testing Eccentricity And Up/down Movement Of A Code Wheel Of An Optical Encoder Set	11/240934	9/30/05			
70050959	01	US	Unfiled	Dual-Sensor Surface Detection Switching Mechanism For Glass Navigation					
70050963	01	US	Unfiled	Dynamic Threshold Adjustment For Enhanced Tracking On Low Contrast Surface					
70050964	01	US	Pending	Method And Apparatus For Selectively Blocking Radio Frequency (RF) Signals In A Radio Frequency (rf) Switching Circuit	11/190611	7/27/05			
70050968	01	US	Unfiled	Light Emitting Diode Encapsulation With Nanoparticles To Inhibit UV Light Produced					
70051002	01	US	Pending	Surface Mounted LED Package And Method For Making The Same	11/166033	6/23/05			
70051015	01	US	Unfiled	An Integrated Lens Piece Enables Low Cost, Small Form And High-Efficiency Beam Shaping For Optical Navigation Devices					
70051016	01	US	Unfiled	A Cost-Effective Way Of Improving Responsivity Of Navigation Sensors In Optical Mouse Using Anti-Reflection Coating (ARC)					
70051017	01	US	Unfiled	High Performance Reflective Optical Encoder					
70051018	01	US	Unfiled	A Positional 6-Channel Encoder With Minimized Number Of Tracks					
70051046	01	US	Unfiled	Channel-Length Modulation Compensation For The Current Source					
70051051	01	US	Pending	Current Transfer Ratio Temperature Coefficient Compensation Method And Apparatus		11/15/05			
70051052	01	US	Pending	Use Of A Wavelength Converting Material To Project An Image Or Backlighting Through A Display Panel, And Backlight For Exciting Same	11/139389	5/27/05			
70051052	02	JP	Unfiled	Use Of A Wavelength Converting Material To Project An Image Or Backlighting Through A Display Panel, And Backlight For Exciting Same					
70051052	03	CN	Unfiled	Use Of A Wavelength Converting Material To Project An Image Or Backlighting Through A Display Panel, And Backlight For Exciting Same					
70051052	04	GB	Unfiled	Use Of A Wavelength Converting Material To Project An Image Or Backlighting Through A Display Panel, And Backlight For Exciting Same					
70051052	05	KR	Unfiled	Use Of A Wavelength Converting Material To Project An Image Or Backlighting Through A Display Panel, And Backlight For Exciting Same					
70051052	06	TW	Pending	Use Of A Wavelength Converting Material To Project An Image Or Backlighting Through A Display Panel, And Backlight For Exciting Same	94135337	10/11/05			
70051071	01	US	Pending	Operational Amplifier	11/267422	11/4/05			
70051121	01	US	Pending	System And Method For Forming A Back-Lighted Array Using An Omni-Directional Light Source	11/234509	9/23/05			
70051122	01	US	Pending	Lens In Light Emitting Device		11/7/05			
70051123	01	US	Unfiled	LED Package With Direct Leadframe Heat Dissipation					
70051129	01	US	Pending	LCD Display Utilizing Light Emitters with A Variable Light Output	11/262110	10/27/05			
70051132	01	US	Unfiled	A Navigation Sensor That Detects Motion Of Different Surfaces By Multiplexing The Image Processing Routine					
70051133	01	US	Pending	Optical Navigation Device Having A Variable Depth Of Field	11/254625	10/20/05			
70051134	01	US	Pending	Method And Apparatus For Detecting Motion Of An Apparatus And For Controlling The Operations Of The Apparatus In Accordance With The Detected Motion	11/247387	10/11/05			

70051138	01	US	Unfiled	A Method Of Reducing Visible Motion Artifact In LCD Display By Correlating The Instant Of Data Update Of A Pixel With The Illumination Of The Subject					
70051142	01	US	Pending	Illumination Device And Method For Producing A Spatial Pattern Of Light At Different Wavelengths		10/31/05			
70051143	01	US	Pending	System And Method For Constructing A Backlighted Display Using Dynamically Optimized Light Source		11/10/05			
70051145	01	US	Unfiled	A Method For Only Using Narrow Band Of Diffraction Grating To Discriminate Wavelength And Brightness Changes Of An RGB LED					
70051146	01	US	Unfiled	A Method Of Improving Wavelength Discrimination In The Red Region By Either Adding Yellow Band Channe Or To Replacing The Red With The Yellow To The Red RGB Sensor					
70051148	01	US	Unfiled	An Optical Feedback System For LCD Display Using Dummy LCD Pixels					
70051150	01	US	Pending	System And Method For Obtaining Multi-Color Optical Intensity Feedback	11/264474	11/1/05			
70051194	01	US	Unfiled	Optical Touch Sensor					
70051195	01	US	Unfiled	Integrated Specular/diffuse Optical Sensor					
70051197	01	US	Pending	Bandgap Reference Voltage Circuit	11/244840	10/6/05			
70051198	01	US	Unfiled	Method And Apparatus For Optical Wireless Charging					
70051247	01	US	Unfiled	Collapsible Opto-Mechanical Structure For Optical Navigation Systems					
70051249	01	US	Unfiled	Power Saving Algorithm For Navigation Sensor Based On SQUAL Number					
70051250	01	US	Unfiled	Sinusoidal Electrical Signal From Photodetector					
70051286	01	US	Pending	A Light Source For LCD Back-Lit Displays	11/195200	8/1/05			
70051302	01	US	Unfiled	Plug And Play Bootstrap RC Apparatus					
70051303	01	US	Unfiled	Navigation Sensor With Selectable Z-Height Operation					
70051304	01	US	Unfiled	A Self Calibration Method For Laser Mouse System					
70051307	01	US	Pending	System And Method For LED Manufacturing	11/265335	11/2/05			
70051308	01	US	Unfiled	Thermal Management And Light Extraction Methodology For Leds Back Light Unit Using Flex Pcb					
70051309	01	US	Unfiled	Ultra Low Profile Solderable Die Back Package					
70051314	01	US	Unfiled	Shaped Light Profile For Accurate Placement Detection					
70051316	01	US	Unfiled	Intelligent Optical Encoder Solving Ink Aerosol Contamination Problem					
70051355	01	US	Unfiled	Kick-Start Initialization Driving Circuits					
70051396	01	US	Unfiled	Compact LED Package With Heat Sink Solution					
70051397	01	US	Unfiled	Method Of Manipulating Light Emitting Device Luminous Intensity					
70051430	01	US	Unfiled	Heat Reduction In Transformer Based Chargers					
70051517	01	US	Unfiled	Ring Photodiode					
70051518	01	US	Unfiled	Reflective Encoder Module					
70051519	01	US	Unfiled	A Method To Detect Lift For Optical Navigation On Glass Surface					
70051521	01	US	Unfiled	A Bubbles Layer For A Light Source Having A Light Mixer Built Within Using An Encapsulant					
70051522	01	US	Unfiled	A LED Module For Optimizing Color Mixing Between 2 Light Sources By Eliminating The Pitch Between 2 Leds					
70051524	01	US	Unfiled	A Substrate Design Incorporating Microchannels That Can Have Forced Air/liquid Air Flow As A Means Of Forced Corrective Heat Dissipation					
70051526	01	US	Unfiled	A Light Source Device With LED Attached To A Surface Of Substrate Perpendicular To The Light Exit Surface Having Thermal Path For Conducting Heat Away From The Leds Into The Light Guide Plate And/or Metal Casing					
70051528	01	US	Unfiled	Indirect LED Light Source With Direct Heat Sink Coupled Into Light Guide					
70051531	01	US	Unfiled	A Transparent Soft Complying Material On Top Of A LED Which Will Be Attached To A Light Guide Panel To Eliminate Air Gap Area					

70051533	01	US	Unfiled	A Light Source Consists Of RGB LED With Selective Reflective Film															
70051535	01	US	Unfiled	A LED Light Source With Special Features In Encapsulation Layers For Better Color Mixing															
70051538	01	US	Unfiled	A Method Of Having Multiple Die Being Picked And Places In A Gang Manner As A Mean To Minimize The Dice Pitch For Better Color Coding															
70051541	01	US	Unfiled	A " Flat Wheel " Directional Input Device With Collapsible Knob To Enable Wheel Game On Small Console Or Handset With Optional Sensor															
70051548	01	US	Unfiled	Panoramic Image Construction Using Small Sensor Array															
70051549	01	US	Unfiled	A Mean Of Absolute X, Y Tracking And Relative & Tracking On A Monitor Using An Electronic Maker And Sensor(s) On The Input Device															
70051552	01	US	Unfiled	A Method Of Resolving Sensor Flickering Problem By Synchronising With The TV Refresh Rate															
70051557	01	US	Unfiled	Far Field Image Absolute Navigation Sensor															
70051558	01	US	Unfiled	A Method To Detect User's Reflex/response Time By Using Wavelet Technology															
70051563	01	US	Unfiled	A Reflective Encoder Design Whereby The Lens Or Dome Is Coupled With The Code-Disk To Improve Stray Light Effect															
70051564	01	US	Unfiled	A Design/method To Achieve Flexible Resolution For Reflective Encoder															
70051566	01	US	Unfiled	Motion Detection On Shaft Topology With Line Array Photosensor															
70051567	01	US	Unfiled	Cross-Talk Reduction Between Reflective Encoders By Using Reflective Encoders Operating At Different Wavelengths															
70051570	01	US	Unfiled	A Single Dome Reflective Encoder With Reduced Stray Light By Employing A Polarizer															
70051572	01	US	Unfiled	Matrix Array PDA Configuration For Optical Encoder															
70051576	01	US	Unfiled	A Flat Top Encoder Packaging Method For Encapsulation Process By Replacing Dome Design With Angled Flat Surface															
70051577	01	US	Unfiled	A Method Of Combining The LED And Detector Separately To Gain Flexibility In Terms Of Resolution															
70051578	01	US	Unfiled	Increase In Encoding Signal Through Alternative PDA Configuration															
70051579	01	US	Unfiled	Encoder Flexible Resolution By Laser Etched Pattern On Reticle Or Metal Layer On IC															
70051594	01	US	Unfiled	Means Of Providing Real Time Feedback To Influence The Game Action During Video Gaming By Physiological Monitoring, Using Imagers And/or Other Sensors															
70051595	01	US	Unfiled	A Free-Standing "steering Wheel" Input Device For Video Gaming Using A Retroreflector/camera System Or "flying Mouse Sensor															
70051600	01	US	Unfiled	An Assembly Enhancement Method For Gap Control In Reflective Encoder-Pattern Medium Assembly															
70051601	01	US	Unfiled	3-Dimensional Surface Pattern-Coded Medium For Positional Transducer Design Without Optically Assisted Features On Detector And Light Emitter															
70051633	01	US	Unfiled	A Reflective Encoder Device To Achieve Better Resolution By Using A New Method Employing A Phosphor Deposited Code Wheel, A Light Source To Activate Phosphor And A Color Detector															
70051652	01	US	Unfiled	Backlight Display Panel With Luminescent Material Coated Or Embedded Within The Reflective Surface And/or Above The Transmitted Light For Non-Emissive Displays															
70051657	01	US	Unfiled	A Process To Inhibit UV From Sunlight That Causes Degradation To Encapsulation Material By Depositing SOG On Surface Of It															
70051658	01	US	Unfiled	A Method Making An LED With Changeable Color On Demand Capability By Using Multi-Chop And Multi-Phosphor System															

70051659	01	US	Unfiled	A Device With High Refractive Index, UV Resistant And High Heat Dissipation Properties Through Conformal Coating															
70051660	01	US	Unfiled	A Device Utilising A Metal Can To Package To Solve Heat Dissipation And Mismatched CTE Exmpansion Of Encapsulated Material That Result In Device Failure															
70051661	01	US	Unfiled	Thermally Efficient Thin LED Device Using Flexible Circuit As Substrate															
70051662	01	US	Unfiled	An SMT LED With High Light Output For High Power Applications Using A Polished Optically Shaped Cup, Flat Top Or Light-Shaping Dome And Epoxy Encapsulated For High Light Extraction And Passing MSL1															
70051667	01	US	Unfiled	A Method To Improve The Reliability And Thermal Performance Of Silicone Flex LED															
70051668	01	US	Unfiled	A SMT Glass Lamp To Enhance The Light Produced By Creating A Thin Film Of Phosphor Embedded In Glass-Ceramic That Sits On An Optical Gel That Surrounds The Diode															
70051670	01	US	Unfiled	An LED Light Source Which Gives Omni-Directional Beam Pattern By Using Hemetic Glass Packaging															
70051671	01	US	Unfiled	A High Power LED Device/array With Hermetic Sealing Using A Ceramic Substrate And Optically Clear Glass Window															
70051672	01	US	Unfiled	An LED Device With High Heat Dissipation Using Transparent Element With Solder Bumps Interconnect And Conductive Trace Connected Via The LED Top Surface Pad															
70051673	01	US	Unfiled	A Method To Enhance The Light From LED Package Using Photonic Crystals On Surface Of Encapsulation Material															
70051674	01	US	Unfiled	A Method Of Making Cheap And Long Life LED By Snapping Pre-Cured Silicone Protected Die-Wire Module Into Preform Optical Shells															
70051676	01	US	Unfiled	A Device Forhigh Power LED Package Using Flexible Liquid Encap LED Having Internal Channles Or Groove To Enable Expansion Or Shrinkage Of Flexible Liquid															
70051677	01	US	Unfiled	A Device That Allows For 360degree Illumination Sphere Of Light By Being LED Mounted Externally Or A Pre-Formed Glass Bulb															
70051679	01	US	Unfiled	An LED Device Mounted In Singular Or Multiple Arrays On A Glass/ceramic Substrate That Has Pre-Plated Interconnects On Either Surface Utilizing Thru Hole And Plated Vias															
70051681	01	US	Unfiled	A Device For High Power Blue LED Package To Resolve The Epoxy Degradation Produced By Diode By Incorporating Blue Phosphor Within															
70051682	01	US	Unfiled	An LED Device With Improved Life Performance Using A Pre-Compressed Encapsulation Layer															
70051684	01	US	Unfiled	An LED Device Conformally Coated With A Hot-Melt Polymeric Composite Material And A Method Of Making It															
70051686	01	US	Unfiled	A Method To Improve The Dimensional Stability Flex LED															
70051693	01	US	Unfiled	Bendable Light Strip With Light Source For Fun Lgih Application															
70051703	01	US	Unfiled	Rotation Detection Of Mouse By Using Dual Sensors															
70051712	01	US	Unfiled	A Method That Allows User To Change Resolution Using Mechanical Adjustable Knob With Indication															
70051715	01	US	Unfiled	Active Referencing With Interleave Pattern Frame															
70051716	01	US	Unfiled	Dynamic Self-Switchable CPI															
70051720	01	US	Unfiled	Laser Pulse Train Fault Detection For Eye-Safety In Optical Navigation System															
70980032	02	US	Granted	Integrated Circuit Package	09/686490	10/10/00													
70980035	02	US	Granted	Method And Apparatus For Low-power Charge Transition In An I/O System Of An Integrated Circuit	09/492511	1/27/00													

70980035	03	JP	Pending	Method And Apparatus For Low-power Charge Transition In An I/O System Of An Integrated Circuit	P2000-194090	6/28/00				
70980061	02	US	Pending	Light Emitting Device	09/924653	8/8/01	02-0021085	2/21/02		
70980061	03	EP	Published	Light Emitting Devices	01306793.9	8/8/01	1179858	7/30/03		
70990025	01	US	Granted	Method Of Interconnecting An Electronic Device	09/343329	6/30/99			6242280	6/5/01
70990025	02	JP	Pending	Method of interconnecting an electronic device	P2000-193357	6/27/00				
70990046	02	US	Granted	Circuit Board Assembly	09/585261	6/2/00			6717820	4/6/04
70990046	03	EP	Published	Circuit Board Assembly	01301160.6	2/9/01	1128714	8/29/01		
70990046	04	JP	Pending	Circuit Board Assembly	P2001-037118	2/14/01				
70990051	02	JP	Pending	Light Source	P2001-188140	6/21/01	2002-06422	2/28/02		
70990051	03	US	Granted	Light Source	09/888857	6/25/01	02-0047130	4/25/02	6806583	10/19/04
70990051	04	EP	Pending	Light Source	01305515.7	6/26/01	1168461	1/2/02		
70990052	03	US	Published	Optical Encoder Module	10/344836	6/13/03	0068773	3/31/05		
70990052	04	JP	Published	Optical Encoder Module	P2002-519880	8/15/01	2004506884	3/4/04		
70990052	05	GB	Granted	Optical Encoder Module	0303463.4	8/15/01	2386683	9/24/03	2386683	3/2/05
70990052	06	DE	Published	Optical Encoder Module	10196480.3	1/30/03	10196580	6/18/03		
75050870	01	KR	Pending	Intelligent Switching Mode Power Amplifying Apparatus	10-2001-0003587	1/22/01				
75050870	02	WO	Pending	Intelligent Switching Mode Power Amplifying Apparatus	KR02/000105	1/22/02				
75050871	01	KR	Pending	Power Amplifying Apparatus Of Portable Terminal	10-2002-0005919	2/1/02				
75050871	02	WO	Pending	Power Amplifying Apparatus Of Portable Terminal	KR02/000162	2/4/02				
75050876	01	US	Published	High Linearity Doherty Communication Amplifier With Bias Control	10/690923	10/21/03	0119533	6/24/04		
75050876	02	WO	Pending	High Linearity Doherty Communication Amplifier With Bias Control	US2004/034797	10/19/04				
75050877	01	US	Published	High Linearity Doherty Communication Amplifier With Phase Control	10/737364	12/15/03	0012547	1/20/05		
75050878	01	US	Published	High Linearity Doherty Communication Amplifier With Integrated Output Matching Unit	10/737476	12/15/03	0145416	7/29/04		
75050879	01	KR	Pending	Apparatus For Pre-Distorter With Electronic Tuning (diode)	10-2002-0031628	6/5/02				
75050880	01	KR	Pending	Apparatus For Pre-Distorter With Electronic Tuning(fet)	10-2002-0031630	6/5/02				
75050884	01	KR	Pending	RF IC Package For Improving Heat Transfer Rate And For Reducing Height And Size Of Package And Assembly Method Thereof	10-2004-0020075	3/24/04				
75050885	01	KR	Pending	Power Amplifier Having Optimized Power Added Efficiency (PAE)	10-2004-0045280	6/18/04				
75050886	01	KR	Pending	Temperature-Compensated Circuit For Power Amplifier Using Diode Voltage Control	10-2004-0073492	9/14/04				
75050886	02	WO	Pending	Temperature-Compensated Circuit For Power Amplifier Using Diode Voltage Control	KR04/003148	12/2/04				
75050887	01	KR	Pending	Temperature-Compensated Bias Circuit For Power Amplifier	10-2004-0080840	10/11/04				
75050887	02	WO	Pending	Temperature-Compensated Bias Circuit For Power Amplifier	KR2004/003148	12/2/04				
75050887	03	US	Pending	Temperate-Compensated Circuit For Power Amplifier Using Diode Voltage Control	10/905659	1/14/05				
75050887	04	US	Pending	Temperate-Compensated Circuit For Power Amplifier	10/905660	1/14/05				
75050888	01	KR	Pending	Doherty Amplifier Using Active Phase Splitter	10-2004-0080841	10/11/04				
75050888	02	WO	Pending	Doherty Amplifier Using Active Phase Splitter	KR2004/003146	12/2/04				
75050889	01	KR	Pending	Multiple Power Mode Amplifier Without Bypass Switches	10-2004-0015107	3/5/04				
75050890	01	KR	Pending	High Efficiency Bypass Switching Power Amplification Apparatus With Multiple Power Modes By Using Selective Bias Control	10-2004-0015109	3/5/04				
75050892	01	US	Pending	Integrated Circuit Module Package And Assembly Method Thereof	10/932409	9/1/04				
75050893	01	US	Pending	Multilayer Integrated Circuit For RF Communication And Method For Assembly Thereof	10/933912	9/1/04				
75050894	01	KR	Pending	A Series-Type Doherty Amplifier Without Hybrid Coupler	10-04-0097460	11/25/04				

75050894	02	US	Pending	A Series-Type Doherty Amplifier Without Hybrid Coupler	10/905661	1/14/05					
8301112	01	US	Granted	Optical Isolator Fabricated Upon A Lead Frame	06/748520	6/25/85			4694183	9/15/87	
8301112	02	JP	Granted	Optical Isolator Fabricated Upon A Lead Frame	PS61-149299	6/25/86			P2108193	11/6/96	
8301112	04	US	Granted	Optical Isolator Fabricated Upon A Lead Frame	07/076094	7/21/87			4863806	9/5/89	
8301112	05	US	Granted	Optical Isolator	07/365148	6/9/89			5049527	9/17/91	
8301112	06	US	Granted	Optical Isolator Fabricated Upon A Lead Frame	07/721069	6/26/91			5148243	9/15/92	
8301112	08	DE	Granted	Optical Isolator Fabricated Upon A Lead Frame	86108623.9	6/25/86	0206325		P3684519.1	3/25/92	
8401367	02	JP	Granted	Optical Positional Encoder Comprising Immediately Adjacent Detectors	PS61-138002	6/13/86			P2108192	11/6/96	
8401367	10	DE	Granted	Optical Positional Encoder Comprising Immediately Adjacent Detectors	86304499.6	6/12/86	0206656		0206656	12/29/93	
8401367	11	GB	Granted	Optical Positional Encoder Comprising Immediately Adjacent Detectors	86304499.6	6/12/86	0206656		0206656	12/29/93	
8401367	13	HK	Registered	Optical Positional Encoder Comprising Immediately Adjacent Detectors	1492.94	6/12/86			0206656	12/30/94	
8419276	01	US	Granted	Pyrolysis Coated Optical Fiber Splices: Apparatus And Metho	07/022858	5/4/87			4727237	2/23/88	
8419276	04	FR	Granted	Splicing Optical Fibers	88304020.6	5/4/88	0292146	11/23/88	0292146	10/21/92	
8419276	05	DE	Granted	Splicing Optical Fibers	88304020.6	5/4/88	0292146	11/23/88	P3875378.2	10/21/92	
8419276	06	GB	Granted	Splicing Optical Fibers	88304020.6	5/4/88	0292146	11/23/88	0292146	10/21/92	
8501053	01	US	Granted	High Efficiency Reflector Cup For LED Lamp With Controlled Beam Angle	07/254349	10/5/88			5001609	3/19/91	
8519032	01	US	Granted	Apparatus For Automated Cassette Handling	06/759013	7/24/85			4705444	11/10/87	
8519032	04	US	Granted	Apparatus For Automated Cassette Handling	07/072181	7/9/87			4923353	5/8/90	
8519032	08	US	Granted	Apparatus For Automated Cassette Handling	07/119356	11/10/87			4875825	10/24/89	
8550240	04	CA	Granted	Split Phase Loop	515562	8/8/86			1257341	5/2/89	
991012	01	US	Granted	Low Noise Frequency Synthesizer	07/234324	8/18/88			4851787	7/25/89	
991013	01	US	Granted	Current Source As A Microwave Biasing Element	07/356889	5/24/89			4912430	3/27/90	
991016	02	US	Granted	Frequency Divider With Darlington Transistors	07/086712	8/18/87			4769621	9/6/88	
991017	01	US	Granted	Interleaved Time-Division Multiplexor With Phase-Compensated Frequency Doublers	07/572854	8/25/90			5111455	5/5/92	
991022	03	US	Granted	Device & Method For Producing A Fully Walled Emitter-Base Structure In A Bipolar Transistor	07/982226	11/25/92			5306649	4/26/94	
991022	04	US	Granted	Fully Walled Emitter-Be In A Bipolar Transistor	08/297634	8/29/94			5614758	3/25/97	