

PATENT ASSIGNMENT COVER SHEET

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Stylesheet Version v1.2

EPAS ID: PAT5966321

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
INTELLECTUAL VENTURES I LLC	11/26/2019

RECEIVING PARTY DATA

Name:	INTELLECTUAL VENTURES ASSETS 161 LLC
Street Address:	251 LITTLE FALLS DRIVE
City:	WILMINGTON
State/Country:	DELAWARE
Postal Code:	19808

PROPERTY NUMBERS Total: 480

Property Type	Number
Patent Number:	5972231
Patent Number:	6181567
Patent Number:	6421391
Patent Number:	6278481
Patent Number:	7023467
Patent Number:	5943216
Patent Number:	5768613
Patent Number:	5802463
Patent Number:	5918073
Patent Number:	6026130
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Patent Number:	6128307
Patent Number:	6151366
Patent Number:	6246754
Patent Number:	6263311
Patent Number:	6320943
Patent Number:	6356765
Patent Number:	6377666

PATENT

Property Type	Number
Patent Number:	6426941
Patent Number:	6357040
Patent Number:	6163811
Patent Number:	6476827
Patent Number:	5787457
Patent Number:	5901100
Patent Number:	6072741
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Application Number:	11367052
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Application Number:	60083177
Application Number:	09352464
Application Number:	09368708
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Application Number:	60063536
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Application Number:	60074527
Application Number:	10373276

Property Type	Number
Application Number:	60104150
Application Number:	60025823
Application Number:	08920742
Application Number:	60071659

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	11206-001GEN
NAME OF SUBMITTER:	LAWRENCE A. AARONSON
SIGNATURE:	/Lawrence A. Aaronson/
DATE SIGNED:	02/17/2020

Total Attachments: 119

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ASSIGNMENT OF RIGHTS IN CERTAIN ASSETS

For good and valuable consideration, the receipt of which is hereby acknowledged, Intellectual Ventures I LLC, a Delaware limited liability company, having an address at 251 Little Falls Drive, Wilmington, DE 19808 (“**Assignor**”), does hereby sell, assign, transfer, and convey unto Intellectual Ventures Assets 161 LLC, a Delaware limited liability company, having an address at 251 Little Falls Drive, Wilmington, DE 19808 (“**Assignee**”), or its designees, the right, title, and interest in and to any and all of the following provisional patent applications, patent applications, patents, and other governmental grants or issuances of any kind (the “**Certain Assets**”):

<u>Patent or Application No.</u>	<u>Country</u>	<u>Grant Date Filing Date</u>	<u>Title of Patent and First Named Inventor</u>
5972231 (08/962065)	US	10/26/1999 (10/31/1997)	Imbedded Pcb Ac Coupling Capacitors For High Data Rate Signal Transfer Dibene, Joseph T. II
6181567 (08/869033)	US	1/30/2001 (6/4/1997)	Method And Apparatus For Securing An Electronic Package To A Circuit Board Roemer, Robert W.
6421391 (08/935909)	US	7/16/2002 (9/22/1997)	Transmission Line For High-Frequency Clock Mellitz, Richard I.
6278481 (08/723623)	US	8/21/2001 (10/3/1996)	Photocard That Is Inserted Into A Non-Digital Camera To Enable The Non-Digital Camera To Take Digital Photographic Images Schmidt, Dominik J.
7023467 (09/930816)	US	4/4/2006 (8/15/2001)	Photocard That Is Inserted Into A Non-Digital Camera To Enable The Non-Digital Camera To Take Digital Photographic Images Schmidt, Dominik J.
5943216 (08/868365)	US	8/24/1999 (6/3/1997)	Apparatus For Providing A Two-Sided, Cavity, Inverted-Mounted Component Circuit Board Schmidt, Dominik J.
5768613 (08/255566)	US	6/16/1998 (6/8/1994)	Computing Apparatus Configured For Partitioned Processing Asghar, Safdar M.

<u>Patent or Application No.</u>	<u>Country</u>	<u>Grant Date Filing Date</u>	<u>Title of Patent and First Named Inventor</u>
DE69701635.8 (DE69701635.8)	DE	4/5/2000 (8/18/1997)	Apparatus And Method For Receiving A Modulated Radio Frequency Signal H., Zuckerman
EP0920729 (EP97940564.4)	EP	4/5/2000 (8/18/1997)	Apparatus And Method For Receiving A Modulated Radio Frequency Signal H., Zuckerman
GB0920729 (GB97940564.4)	GB	4/5/2000 (8/18/1997)	Apparatus And Method For Receiving A Modulated Radio Frequency Signal H., Zuckerman
IT0920729 (IT97940564.4)	IT	4/5/2000 (8/18/1997)	Apparatus And Method For Receiving A Modulated Radio Frequency Signal H., Zuckerman
5802463 (08/699991)	US	9/1/1998 (8/20/1996)	Apparatus And Method For Receiving A Modulated Radio Frequency Signal By Converting The Radio Frequency Signal To A Very Low Intermediate Frequency Signal H., Zuckerman
(PCT/US1997/014472)	WO	(8/18/1997)	Apparatus And Method For Receiving A Modulated Radio Frequency Signal H., Zuckerman
5918073 (08/884432)	US	6/29/1999 (6/27/1997)	System And Method For Equalizing Data Buffer Storage And Fetch Rates Of Peripheral Devices Hewitt, Larry D.
6026130 (08/853430)	US	2/15/2000 (5/9/1997)	System And Method For Estimating A Set Of Parameters For A Transmission Channel In A Communication System Rahmatullah, Muhammad M.
6035434 (08/873941)	US	3/7/2000 (6/12/1997)	System And Method For Bit Interleaving Of Half- Rate Speech Data Sazzad, Sharif M.

<u>Patent or Application No.</u>	<u>Country</u>	<u>Grant Date Filing Date</u>	<u>Title of Patent and First Named Inventor</u>
6061410 (08/810338)	US	5/9/2000 (2/27/1997)	Frequency Ratio Estimation Arrangement And Method Thereof Linz, Alfredo R.
6067515 (08/957903)	US	5/23/2000 (10/27/1997)	Split Matrix Quantization With Split Vector Quantization Error Compensation And Selective Enhanced Processing For Robust Speech Recognition Cong, Lin
6128307 (08/980583)	US	10/3/2000 (12/1/1997)	Programmable Data Flow Processor For Performing Data Transfers W., Brown
6151366 (09/062253)	US	11/21/2000 (4/17/1998)	Method And Apparatus For Modulating Signals Chu, Philip
6246754 (09/094015)	US	6/12/2001 (6/9/1998)	Mechanism For Changing A Modem's Connection Rate Within A Family Of Interoperable Modems Lynn, Cole
6263311 (09/228475)	US	7/17/2001 (1/11/1999)	Method And System For Providing Security Using Voice Recognition Dildy, Robert
6320943 (08/874004)	US	11/20/2001 (6/12/1997)	Electronic Directory System And Method Borland, David J.
6356765 (09/360953)	US	3/12/2002 (7/27/1999)	METHOD AND APPARATUS FOR TRACKING SIGNALS Mccrank, Christopher L.
6377666 (09/181557)	US	4/23/2002 (10/29/1998)	Apparatus And Method For A Phy Transmitter With Programmable Power Mode Control In Cmos Cheng, Yi

<u>Patent or Application No.</u>	<u>Country</u>	<u>Grant Date Filing Date</u>	<u>Title of Patent and First Named Inventor</u>
(EP99922990.9)	EP	(5/12/1999)	Cmos Transmitter With Programmable Power Yi, Cheng
(PCT/US1999/010495)	WO	(5/12/1999)	Cmos Transmitter With Programmable Power Yi, Cheng
6426941 (09/249001)	US	7/30/2002 (2/12/1999)	Hitless Atm Cell Transport For Reliable Multi- Service Provisioning Vaman, Dhadesugoor R.
(PCT/US2000/003641)	WO	(2/11/2000)	Hitless Atm Cell Transport For Reliable Multi- Service Provisioning Vaman, Dhadesugoor R.
(EP99955134.4)	EP	(10/21/1999)	Usage Characteristic Based Software Customization Porter, Swain W.
6357040 (09/176692)	US	3/12/2002 (10/21/1998)	Usage Characteristic Based Software Customization Porter, Swain W.
(PCT/US1999/024761)	WO	(10/21/1999)	Usage Characteristic Based Software Customization Porter, Swain W.
(EP99960147.9)	EP	(10/21/1999)	Token Based Source File Compression/Decompression And Its Application Porter, Swain W.
6163811 (09/177444)	US	12/19/2000 (10/21/1998)	Token Based Source File Compression/Decompression And Its Application Porter, Swain W.
(PCT/US1999/024919)	WO	(10/21/1999)	Token Based Source File Compression/Decompression And Its Application Porter, Swain W.

<u>Patent or Application No.</u>	<u>Country</u>	<u>Grant Date Filing Date</u>	<u>Title of Patent and First Named Inventor</u>
6476827 (09/387080)	US	11/5/2002 (8/31/1999)	Method And Apparatus For Creating And Maintaining A Scrapbook Of Information Pages Porter, Swain W.
(PCT/US2000/040801)	WO	(8/31/2000)	Method And Apparatus For Creating And Maintaining A Scrapbook Of Information Pages Porter, Swain W.
JP3398583 (JP09-280391)	JP	2/14/2003 (10/14/1997)	Cache Synchronous Dram Architecture Enabling Parallel Dram Operation Paul, Miller Christopher
5787457 (08/731790)	US	7/28/1998 (10/18/1996)	Cached Synchronous Dram Architecture Allowing Concurrent Dram Operations Paul, Miller Christopher
KR10-0257430 (KR10-1997-0037911)	KR	2/29/2000 (8/8/1997)	Cached Synchronous Dram Architecture Allowing Concurrent Dram Operations Paul, Miller Christopher
5901100 (08/840118)	US	5/4/1999 (4/1/1997)	First-In, First-Out Integrated Circuit, Memory Device, Utilizing A Dynamic Random Access Memory Array For Data Storage Implemented In Conjunction With An Associated Static Random Access Memory Cache Craig, Taylor
6072741 (09/266472)	US	6/6/2000 (3/11/1999)	First-In, First-Out Integrated Circuit, Memory Device Incorporating A Retransmit Function Craig, Taylor
6172927 (09/536072)	US	1/9/2001 (3/24/2000)	First-In, First-Out Integrated Circuit, Memory Device Incorporating A Retransmit Function Taylor, Craig
5991851 (08/850802)	US	11/23/1999 (5/2/1997)	Enhanced Signal Processing Random Access Memory Device Utilizing A Dram Memory Array Integrated With An Associated Sram Cache And Internal Refresh Control

<u>Patent or Application No.</u>	<u>Country</u>	<u>Grant Date Filing Date</u>	<u>Title of Patent and First Named Inventor</u>
			Alwais, Michael
6141281 (09/069468)	US	10/31/2000 (4/29/1998)	Technique For Reducing Element Disable Fuse Pitch Requirements In An Integrated Circuit Device Incorporating Replaceable Circuit Elements Mobley, Kenneth J.
6064620 (09/111822)	US	5/16/2000 (7/8/1998)	Multi-Array Memory Device, And Associated Method, Having Shared Decoder Circuitry Mobley, Kenneth J.
6278646 (09/533923)	US	8/21/2001 (3/23/2000)	Multi-Array Memory Device, And Associated Method, Having Shared Decoder Circuitry Mobley, Kenneth J.
6055192 (09/146726)	US	4/25/2000 (9/3/1998)	Dynamic Random Access Memory Word Line Boost Technique Employing A Boost-On-Writes Policy Mobley, Kenneth J.
6249840 (09/178298)	US	6/19/2001 (10/23/1998)	Multi-Bank Esdram With Cross-Coupled Sram Cache Registers Peters, Michael
6330636 (09/236804)	US	12/11/2001 (1/29/1999)	Double Data Rate Synchronous Dynamic Random Access Memory Device Incorporating A Static Ram Cache Per Memory Bank Bondurant, David W.
JP3335298 (JP09-280777)	JP	8/2/2002 (10/14/1997)	Cache Sdram Device Lewis, Rogers Jim
6289413 (09/360373)	US	9/11/2001 (10/15/1999)	Cached Synchronous Dram Architecture Having A Mode Register Programmable Cache Policy Lewis, Rogers Jim
KR10-0260683 (KR10-1997-0037912)	KR	4/11/2000 (8/8/1997)	Cached Synchronous Dram Architecture Having A Mode Register Programmable Cache Policy

<u>Patent or Application No.</u>	<u>Country</u>	<u>Grant Date Filing Date</u>	<u>Title of Patent and First Named Inventor</u>
			Lewis, Rogers Jim
SG70607 (SG9703013-4)	SG	5/22/2001 (8/21/1997)	Cached Synchronous Dram Architecture Having A Mode Register Programmable Cache Policy Lewis, Rogers Jim
(08/733841)	US	(10/18/1996)	Cached Synchronous Dram Architecture Having A Mode Register Programmable Cache Policy Lewis, Rogers Jim
JP4734580 (JP2001-052888)	JP	5/13/2011 (2/27/2001)	Enhanced Bus Turnaround Integrated Circuit Dynamic Random Access Memory Device W., Bondurant David
6151236 (09/515007)	US	11/21/2000 (2/29/2000)	Enhanced Bus Turnaround Integrated Circuit Dynamic Random Access Memory Device Bondurant, David
6301183 (09/626623)	US	10/9/2001 (7/27/2000)	Enhanced Bus Turnaround Integrated Circuit Dynamic Random Access Memory Device Bondurant, David
6373751 (09/571135)	US	4/16/2002 (5/15/2000)	Packet-Based Integrated Circuit Dynamic Random Access Memory Device Incorporating An On- Chip Row Register Cache To Reduce Data Access Latencies Bondurant, David W.
6549472 (10/080399)	US	4/15/2003 (2/21/2002)	Packet-Based Integrated Circuit Dynamic Random Access Memory Device Incorporating An On- Chip Row Register Cache To Reduce Data Access Latencies W., Bondurant David
6646928 (10/346330)	US	11/11/2003 (1/16/2003)	Packet-Based Integrated Circuit Dynamic Random Access Memory Device Incorporating An On- Chip Row Register Cache To Reduce Data Access Latencies Bondurant, David W.

<u>Patent or Application No.</u>	<u>Country</u>	<u>Grant Date Filing Date</u>	<u>Title of Patent and First Named Inventor</u>
6501698 (09/703765)	US	12/31/2002 (11/1/2000)	Structure And Method For Hiding Dram Cycle Time Behind A Burst Access Mobley, Kenneth J.
5953254 (08/926576)	US	9/14/1999 (9/4/1997)	Serial Flash Memory Pourkeramati, Ali
(60/025698)	US	(9/9/1996)	Serial Flash Memory Pourkeramati, Ali
6058045 (09/318200)	US	5/2/2000 (5/25/1999)	Serial Flash Memory Pourkeramati, Ali
(14/923358)	US	(10/26/2015)	Virtual Reality Camera Chen, Shenchang Eric
(11/468828)	US	(8/31/2006)	Virtual Reality Camera Chen, Shenchang Eric
(13/562220)	US	(7/30/2012)	Virtual Reality Camera Chen, Shenchang Eric
RE45785 (13/846801)	US	10/27/2015 (3/18/2013)	Virtual Reality Camera Chen, Shenchang Eric
(CA2296062)	CA	(6/25/1998)	Electronic Camera For Virtual Reality Imaging Eric, Chen Shenchang
(JP2000-514469)	JP	(6/25/1998)	Virtual Reality Camera Eric, Chen Shenchang
6552744 (08/938366)	US	4/22/2003 (9/26/1997)	Virtual Reality Camera Chen, Shenchang Eric
RE43700 (11/113455)	US	10/2/2012 (4/22/2005)	Virtual Reality Camera Chen, Shenchang Eric

<u>Patent or Application No.</u>	<u>Country</u>	<u>Grant Date Filing Date</u>	<u>Title of Patent and First Named Inventor</u>
6195101 (09/056577)	US	2/27/2001 (4/6/1998)	METHOD AND SYSTEM FOR IMAGE TEMPLATES Unable To Verify
7180528 (11/109841)	US	2/20/2007 (4/18/2005)	METHOD AND SYSTEM FOR IMAGE TEMPLATES Unable To Verify
6906730 (09/764029)	US	6/14/2005 (1/16/2001)	Method And System For Image Templates Ghislain, Philippe Joseph
7265763 (11/515222)	US	9/4/2007 (8/31/2006)	Method And System For Image Templates Ghislain, Bossut
7683916 (11/837238)	US	3/23/2010 (8/10/2007)	Method And System For Image Templates Ghislain, Bossut
6239807 (09/039059)	US	5/29/2001 (3/13/1998)	Method And System For Multi-Resolution Texture Mapping Unable To Verify
GB2328598 (GB9824342.1)	GB	10/30/2000 (5/7/1997)	Rendering Perspective Views Of A Scene Using A Scanline-Coherent Look-Up Table Chen, Shenchang E.
5748194 (08/647018)	US	5/5/1998 (5/8/1996)	Rendering Perspective Views Of A Scene Using A Scanline-Coherent Look-Up Table Chen, Shenchang Eric
6232977 (09/009652)	US	5/15/2001 (1/20/1998)	Rendering Perspective Views Of A Scene Using A Scanline-Coherent Look-Up Table Chen, Shenchang Eric
(PCT/US1997/007895)	WO	(5/7/1997)	Rendering Perspective Views Of A Scene Using A Scanline-Coherent Look-Up Table Chen, Shenchang E.

<u>Patent or Application No.</u>	<u>Country</u>	<u>Grant Date Filing Date</u>	<u>Title of Patent and First Named Inventor</u>
TWI105496 (TW086106118)	TW	6/21/1999 (5/8/1997)	Rendering Perspective Views Of A Scene Using A Scanline-Coherent Look-Up Table Al., Chen Et
(AU199730624)	AU	(5/7/1997)	Rendering Perspective Views Of A Scene Using A Scanline-Coherent Look-Up Table Chen, Shenchang E.
6064399 (09/055038)	US	5/16/2000 (4/3/1998)	Method And System For Panel Alignment In Panoramas Teo, Patrick Cheng-San
6356283 (09/095459)	US	3/12/2002 (6/10/1998)	Method And System For Html-Driven Interactive Image Client Guedalia, Joshua S.
6121970 (08/979220)	US	9/19/2000 (11/26/1997)	Method And System For Html-Driven Interactive Image Client Guedalia, Joshua S.
IL125326 (IL125326)	IL	9/12/2002 (7/13/1998)	Method And System For Html-Driven Interactive Image Client Guedalia, Joshua S.
RE42881 (11/521620)	US	11/1/2011 (9/13/2006)	Method And System For Scanning Images In A Photo Kiosk Vallmajo, Patrice
6750988 (09/151437)	US	6/15/2004 (9/11/1998)	METHOD AND SYSTEM FOR SCANNING IMAGES IN A PHOTO KIOSK Unable To Verify
6791723 (09/271030)	US	9/14/2004 (3/17/1999)	Method And System For Scanning Images In A Photo Kiosk Vallmajo, Patrice
6148333 (09/078441)	US	11/14/2000 (5/13/1998)	Method And System For Server Access Control And Tracking

<u>Patent or Application No.</u>	<u>Country</u>	<u>Grant Date Filing Date</u>	<u>Title of Patent and First Named Inventor</u>
			Guedalia, Isaac David
6192393 (09/057013)	US	2/20/2001 (4/7/1998)	Method And System For Panorama Viewing Tarantino, Paul
RE41527 (11/468927)	US	8/17/2010 (8/31/2006)	Method For Performing A Color Space Transformation Delean, Bruno
(EP95923993.0)	EP	(6/20/1995)	Method For Performing A Color Space Transformation Tarantino, Paul
6301025 (08/267140)	US	10/9/2001 (6/24/1994)	Method For Performing A Color Space Transformation Tarantino, Paul
6621604 (09/860151)	US	9/16/2003 (5/16/2001)	Method For Performing A Color Space Transformation Tarantino, Paul
RE40637 (11/229449)	US	2/17/2009 (9/16/2005)	Method For Performing A Color Space Transformation Delean, Bruno
(PCT/US1995/007806)	WO	(6/20/1995)	Method For Performing A Color Space Transformation Delean, Bruno
IL114293 (IL114293)	IL	10/17/2000 (6/23/1995)	Method Of Performing A Color Space Transformation Tarantino, Paul
(ZA95/5233)	ZA	(6/23/1995)	Method Of Performing A Color Space Transformation Tarantino, Paul

<u>Patent or Application No.</u>	<u>Country</u>	<u>Grant Date Filing Date</u>	<u>Title of Patent and First Named Inventor</u>
6300955 (08/922578)	US	10/9/2001 (9/3/1997)	A Method And System For Mask Generation Zamir, Haim
5963213 (08/852496)	US	10/5/1999 (5/7/1997)	Method And System For Accelerating Warping Guedalia, Isaac David
6215494 (08/992994)	US	4/10/2001 (12/18/1997)	Method And System For Centering Image Objects Teo, Patrick Cheng-San
6128108 (08/922732)	US	10/3/2000 (9/3/1997)	Method And System For Compositing Images Teo, Patrick
6385349 (09/542495)	US	5/7/2002 (4/3/2000)	Method And System For Compositing Images Teo, Patrick
6349153 (09/542149)	US	2/19/2002 (4/4/2000)	Method And System For Composition Images Teo, Patrick
6246413 (09/136108)	US	6/12/2001 (8/17/1998)	Method And System For Creating Panoramas Teo, Patrick Cheng-San
(AU199737062)	AU	(8/6/1997)	Method And System For Encoding Movies, Panoramas And Large Images For On-Line Interactive Viewing And Gazing Guedalia, Isaac David
GB2348074 (GB0008742.9)	GB	10/3/2000 (8/6/1997)	Method And System For Encoding Movies, Panoramas And Large Images For On-Line Interactive Viewing And Gazing Guedalia, Isaac David
6721952 (08/813181)	US	4/13/2004 (3/7/1997)	Method And System For Encoding Movies, Panoramas, And Large Images For On-Line Interactive Viewing And Gazing Guedalia, Jacob Leon
(PCT/IL1997/000268)	WO	(8/6/1997)	Method And System For Encoding Movies, Panoramas And Large Images For On-Line

<u>Patent or Application No.</u>	<u>Country</u>	<u>Grant Date Filing Date</u>	<u>Title of Patent and First Named Inventor</u>
			Interactive Viewing And Gazing Guedalia, Isaac David
(IL119654)	IL	(11/20/1996)	Method And System For Encoding Movies, Panoramas And Large Images For On-Line Interactive Viewing And Gazing David, Guedalia Isaac
IL119021 (IL119021)	IL	6/14/2001 (8/6/1996)	Method And System For Encoding Movies, Panoramas And Large Images For On-Line Interactive Viewing And Gazing David, Guedalia Isaac
GB2330978 (GB9902441.6)	GB	10/3/2000 (8/6/1997)	Method And System For Encoding Movies, Panoramas And Large Images For On-Line Interactive Viewing And Gazing Guedalia, Isaac David
RE41211 (11/203653)	US	4/6/2010 (8/12/2005)	System At Telecommunications Network Tegler, Susanne
6606481 (09/424856)	US	8/12/2003 (5/26/1998)	System At Telecommunications Network Tegler, Susanne
5960392 (08/911923)	US	9/28/1999 (8/15/1997)	Method And Arrangement For Adaptation Of Data Models Sundberg, Erik
(60/024039)	US	(8/15/1996)	Method And Arrangement For Adaptation Of Data Models Sundberg, Erik
6047185 (08/858502)	US	4/4/2000 (5/19/1997)	Method For Testing Handover In Mobile Telephone Networks Sanden, Magnus
(08/381878)	US	(6/24/1993)	Method For Testing Handover In Mobile Telephone Networks Sanden, Magnus

<u>Patent or Application No.</u>	<u>Country</u>	<u>Grant Date Filing Date</u>	<u>Title of Patent and First Named Inventor</u>
6112178 (09/147466)	US	8/29/2000 (6/9/1997)	Voiceless Consonant Synthesis By Palindromic Copying Of Selected Parts Of Diphones Or Polyphones Kaja, Jaan
6188873 (09/328799)	US	2/13/2001 (6/9/1999)	Broadband Radio Access Method, Device And System Wickman, Johan
6239388 (09/147524)	US	5/29/2001 (7/3/1997)	Splicing Device For Reducing The Time Required For Performing Measurements On A Cable Karlstrom, Bo
6285791 (08/987360)	US	9/4/2001 (12/9/1997)	Transmission Method For Video Or Moving Pictures By Compressing Block Differences Bjorklund, Dan
6301348 (09/117652)	US	10/9/2001 (1/31/1997)	Method And System For Changing A Direction Of Establishing A Telecommunication Connection Romo, Jorma
6385580 (09/381630)	US	5/7/2002 (3/20/1998)	Method Of Speech Synthesis Lyberg, Bertil
6389396 (09/381632)	US	5/14/2002 (3/20/1998)	Device And Method For Prosody Generation At Visual Synthesis Lyberg, Bertil
6456616 (09/125157)	US	9/24/2002 (2/20/1997)	System And Method Transmitting Data Rantanen, Kari
(07/961706)	US	(1/11/1993)	Arrangement For Acquisition Of Services Via A Telephone Set Anvret, Lena
6466657 (08/330216)	US	10/15/2002 (10/27/1994)	Arrangement For Acquisition Of Services Via A Telephone Set Anvret, Lena

<u>Patent or Application No.</u>	<u>Country</u>	<u>Grant Date Filing Date</u>	<u>Title of Patent and First Named Inventor</u>
6498788 (09/147433)	US	12/24/2002 (5/27/1997)	Method And A Radio Terminal For Interaction With A Service Provider Emilsson, Stellan
6516190 (09/466497)	US	2/4/2003 (12/17/1999)	Method And Apparatus For Calculating Call Charge Rates In A Mobile Telecommunication System Linkola, Janne
RE40986 (11/193994)	US	11/17/2009 (7/29/2005)	Channel Simulator For Mobile Systems Widell, Svante
6600926 (09/509570)	US	7/29/2003 (10/16/1998)	Channel Simulator For Mobile Systems Widell, Svante
6628951 (09/597886)	US	9/30/2003 (6/20/2000)	Procedure And System For The Transmission Of Information And Establishment Of A Telecommunication Connection Grohn, Tuomo
RE43065 (11/241902)	US	1/3/2012 (9/30/2005)	Procedure And System For The Transmission Of Information And Establishment Of A Telecommunication Connection Grohn, Tuomo
RE43368 (11/274716)	US	5/8/2012 (11/14/2005)	Methods And System For Remote Access To And Payment For Products Delivered From Automated Apparatus Stewen, Teemu
6647256 (09/559286)	US	11/11/2003 (4/27/2000)	Methods And System For Remote Access To And Payment For Products Delivered From Automated Apparatus Stewen, Teemu
(PCT/FI1998/000843)	WO	(10/29/1998)	Procedure And System For Providing A Service Stewen, Teemu

<u>Patent or Application No.</u>	<u>Country</u>	<u>Grant Date Filing Date</u>	<u>Title of Patent and First Named Inventor</u>
(FIU970473)	FI	(10/29/1997)	Methods And System For Remote Access To And Payment For Products Delivered From Automated Apparatus Stewen, Teemu
6668171 (09/582170)	US	12/23/2003 (12/17/1998)	Procedure And System For Position Management In A Mobile Telephone System Ayoub, Souhad
RE42411 (11/316599)	US	5/31/2011 (12/21/2005)	Procedure And System For Position Management In A Mobile Telephone System Ayoub, Souhad
6671513 (09/623599)	US	12/30/2003 (2/25/1999)	Procedure In A Mobile Telephone System To Transmit Position Specifications Frank, Robert
(11/318389)	US	(12/23/2005)	Procedure In A Mobile Telephone System To Transmit Position Specifications Frank, Robert
6678736 (09/530579)	US	1/13/2004 (10/30/1998)	Resource Optimization Function In A Data And Telecommunications System Malmkvist, Jonas
RE40333 (11/325695)	US	5/20/2008 (1/3/2006)	Resource Optimization Function In A Data And Telecommunications System Malmkvist, Jonas
RE44363 (11/347783)	US	7/9/2013 (2/3/2006)	Arrangement For Load Sharing In Computer Networks Kavak, Nail
6687731 (09/424872)	US	2/3/2004 (6/8/1998)	Arrangement For Load Sharing In Computer Networks Kavak, Nail

<u>Patent or Application No.</u>	<u>Country</u>	<u>Grant Date Filing Date</u>	<u>Title of Patent and First Named Inventor</u>
6600578 (09/468528)	US	7/29/2003 (12/21/1999)	Bi-Directional Transmission Mechanism And Method For An Image Scanner Huang, Yin-Chun
(11/193993)	US	(7/29/2005)	Bi-Directional Transmission Mechanism And Method For An Image Scanner Huang, Yin-Chun
6252684 (09/191528)	US	6/26/2001 (11/13/1998)	AUTOMATIC PAPER FEEDER INCLUDING AN UPPER LIGHT SOURCE Lin, Chin-I
6263117 (09/170224)	US	7/17/2001 (10/13/1998)	Automatic Image Calibration Method For A Contact Type Scanner Lee, Chen-Ho
(AU56357/98)	AU	(2/27/1998)	A Device For Controlling A Rotation Of A Lens In A Digital Camera Kou-Lung, Tseng
GB2335050 (GB9804223.7)	GB	2/2/2000 (3/2/1998)	A Device For Controlling A Rotation Of A Lens In Digital Camera Kou-Lung, Tseng
6266090 (09/002506)	US	7/24/2001 (1/2/1998)	Device For Controlling A Rotation Of A Lens In A Digital Camera Tseng, Kou-Lung
6404938 (09/233214)	US	6/11/2002 (1/20/1999)	Dummy Clock Control Method And Apparatus For A Sequential I/O Device Chien, Chun-Tsai
TWI126710 (TW088100223)	TW	2/1/2001 (1/8/1999)	Method Of Scanning Images And Correcting Colors For A Scanner Lee, Chen-Ho
6417938 (09/303679)	US	7/9/2002 (5/3/1999)	Color Image Scanning Method Of A Color Image Scanner

<u>Patent or Application No.</u>	<u>Country</u>	<u>Grant Date Filing Date</u>	<u>Title of Patent and First Named Inventor</u>
			Hsu, Chuan-Yu
5793482 (08/796390)	US	8/11/1998 (2/4/1997)	Multiple Optical Lens System With Auto-Focus Calibration Tseng, Wen-Tso
6433826 (09/048959)	US	8/13/2002 (3/26/1998)	Adjusting Mechanism For The Lens Set Of An Imaging System Tseng, Kou-Long
(AU43700/97)	AU	(11/3/1997)	Method And Apparatus For Forming High Contrast Image In Image System Chuan-Yu, Hsu
6452631 (08/962989)	US	9/17/2002 (10/31/1997)	Method And Apparatus For Forming High Contrast Image In Imaging System Hsu, Chuan-Yu
5815759 (09/048956)	US	9/29/1998 (3/26/1998)	Extended Adjusting Mechanism For The Lens Set Of An Imaging System Tseng, Kou-Long
AU694384 (AU10154/97)	AU	7/16/1998 (1/14/1997)	Apparatus For Digital Correction In An Image System Chuan-Yu, Hsu
5818973 (08/584532)	US	10/6/1998 (1/11/1996)	Apparatus For Digital Correction In An Image System Hsu, Chuan Yu
6507416 (09/299088)	US	1/14/2003 (4/26/1999)	Brightness Adjustable Chassis For A Scanner Tang, Ricke
6532084 (09/358679)	US	3/11/2003 (7/22/1999)	Method For Detecting The Relative Location Of An Image Reading Head And A Light Source Chiu, Chui-Kuei

<u>Patent or Application No.</u>	<u>Country</u>	<u>Grant Date Filing Date</u>	<u>Title of Patent and First Named Inventor</u>
6535649 (09/309550)	US	3/18/2003 (5/11/1999)	Dynamic Calibration Method Chiu, Chui-Kuei
5903364 (08/902076)	US	5/11/1999 (7/29/1997)	Sheet-Fed Scanner With Selectively Variable Document Feed-In And Feed-Out Positions Shih-Min, Lo
5907730 (09/017119)	US	5/25/1999 (1/31/1998)	Moveable Lens Apparatus For Digital Camera Tseng, Kou-Long
6041105 (09/144438)	US	3/21/2000 (9/1/1998)	Adapter Circuitry For Computers To Support Computer Telephony Wu, Chung-Yu
(AU62825/98)	AU	(4/21/1998)	Device For Holding And Moving A Contact Image Sensor Yao-Wen, Chang
6091516 (09/067171)	US	7/18/2000 (4/27/1998)	Device For Holding And Moving A Contact Image Sensor Chang, Yao-Wen
(TW087201821)	TW	(2/7/1998)	TOUCHABLE OPTICAL SCANNER Unable To Verify
5912711 (08/853689)	US	6/15/1999 (5/9/1997)	Apparatus For Converting And Scaling Non-Interlaced Vga Signal To Interlaced Tv Signal Lin, Lie-Der
5917618 (08/870174)	US	6/29/1999 (6/6/1997)	Document Moving Transmission System For An Optical Scanner Peng, Henry
6002508 (09/191537)	US	12/14/1999 (11/13/1998)	Optical Scanner Mai, Che-Kuei

<u>Patent or Application No.</u>	<u>Country</u>	<u>Grant Date Filing Date</u>	<u>Title of Patent and First Named Inventor</u>
5988627 (09/055233)	US	11/23/1999 (4/6/1998)	Paper-Feeding Apparatus Lin, Chin-I
6765615 (09/440472)	US	7/20/2004 (11/15/1999)	Apparatus For Reducing Exposing Time Of An Image Processing System Chen, Shih-Huang
RE40628 (11/490506)	US	1/27/2009 (7/19/2006)	Apparatus For Reducing Exposing Time Of An Image Processing System Chen, Shih-Huang
AU691139 (AU12506/97)	AU	5/7/1998 (2/4/1997)	Apparatus And Method For Improving Memory Usage Of Look-Up Table Mapping Chuan-Yu, Hsu
5937088 (08/671185)	US	8/10/1999 (6/27/1996)	Apparatus And Method For Improving Memory Usage Of Look-Up Table Mapping Hsu, Chuan-Yu
GB2314718 (GB9702645.4)	GB	7/22/1998 (2/10/1997)	Apparatus And Method For Improving Memory Usage Of Look-Up Table Mapping Chuan-Yu, Hsu
CNZL97101840.5 (CN97101840.5)	CN	11/7/2001 (2/14/1997)	IMPROVED DEVICE AND METHOD FOR CHECKING TABLE MAPPING IN MEMORY Unable To Verify
5945800 (09/013227)	US	8/31/1999 (1/26/1998)	Apparatus And Method For Controlling A Stepping Motor Chen, Tsu-Hsing
(AU23622/97)	AU	(5/26/1997)	Method For Dynamically Scanning An Image Chun-Tsai, Chien
5956436 (08/862971)	US	9/21/1999 (5/23/1997)	Method For Dynamically Scanning An Image Chien, Chun-Tsai

<u>Patent or Application No.</u>	<u>Country</u>	<u>Grant Date Filing Date</u>	<u>Title of Patent and First Named Inventor</u>
5954327 (09/055234)	US	9/21/1999 (4/6/1998)	Paper-Feeding Apparatus Lin, Chin-I
(09/243802)	US	(2/3/1999)	Optical Reflection Panel Tang, Ricke
6217179 (09/619756)	US	4/17/2001 (7/19/2000)	Optical Reflection Panel Tang, Ricke
5970262 (09/040227)	US	10/19/1999 (3/13/1998)	Spring-Free Type Focusing And Defocusing Mechanism For A Digital Camera Tseng, Kou-Lung
6227449 (09/413863)	US	5/8/2001 (10/7/1999)	Optical Path Folding Apparatus For Optical Scanner Huang, Yin-Chun
6302597 (09/461348)	US	10/16/2001 (12/15/1999)	Hidden Viewfinder For Camera Chang, Guang-Shang
6304343 (09/243125)	US	10/16/2001 (2/3/1999)	Dust-Proof Mechanism For Optical Reflection Module Of Image Scanner Chuan-Yu, Hsu
5912667 (08/926736)	US	6/15/1999 (9/10/1997)	Cursor Control System For Controlling A Pop-Up Menu Chang, Ming-Chih
(DE19816228.8)	DE	(4/9/1998)	Display Control System Having A Window Interface For Organizing Program And Directory Icons Heng-Chun, Ho
6020888 (09/034169)	US	2/1/2000 (3/2/1998)	Display Control System Having A Window Interface For Organizing Program And Directory Icons Ho, Heng-Chun

<u>Patent or Application No.</u>	<u>Country</u>	<u>Grant Date Filing Date</u>	<u>Title of Patent and First Named Inventor</u>
6046449 (09/078363)	US	4/4/2000 (5/13/1998)	Transparent Planar Board Of A Flatbed Scanner Affixed By Clasps Chien, Chuwn-Jen
DE19913337 (DE19913337.9)	DE	7/26/2001 (3/24/1999)	Quadrature Coding Circuit For A Computer Mouse Shu-Ming, Liu
6097319 (09/123006)	US	8/1/2000 (7/27/1998)	Quadrature Encoding Device With Slope- Triggered Digitizing Circuit Liu, Shu-Ming
TWI111777 (TW087107653)	TW	2/11/2000 (5/18/1998)	Quadrature Encoding Device With Slope- Triggered Digitizing Circuit Lin, Shu-Ming
DE29810117.3 (DE29810117.3)	DE	8/27/1998 (6/5/1998)	Scanner Housing Chiang, Te-Ming
6124951 (09/080146)	US	9/26/2000 (5/18/1998)	Scanner Upper Housing Chiang, Te-Ming
TWI116535 (TW087104240)	TW	6/21/2000 (3/21/1998)	Image Scanning Method Yeh, Pao-Yuan
6130761 (09/073512)	US	10/10/2000 (5/6/1998)	Image Scanning Method Yeh, Pao-Yuan
6131134 (09/123569)	US	10/10/2000 (7/27/1998)	Hot Plug-And-Play Converter Of A Universal Serial Bus Interface Huang, Yi-Chen
TWI136913 (TW087107279)	TW	7/1/2001 (5/12/1998)	Hot Plug And Play Universal Serial Bus Switch Device And Control Method Huang, Yi-Cheng

<u>Patent or Application No.</u>	<u>Country</u>	<u>Grant Date Filing Date</u>	<u>Title of Patent and First Named Inventor</u>
6181327 (09/129937)	US	1/30/2001 (8/4/1998)	Computer Joystick Lin, Shu-Ming
6204838 (09/082757)	US	3/20/2001 (5/21/1998)	Pointing Device With Both Vertical And Horizontal Sensors Wang, Han Che
DE29814241 (DE29814241.4)	DE	10/1/1998 (8/7/1998)	Document Pressing Structure In Scanning Device Chiang, Te-Ming
6335806 (09/121529)	US	1/1/2002 (7/24/1998)	Document Pressing Structure In Scanning Device Chiang, Te-Ming
TWM152394 (TW087209672)	TW	9/11/1999 (6/17/1998)	Document Pressing Structure In Scanning Device Chiang, Te-Ming
DE29804810.8 (DE29804810.8)	DE	5/14/1998 (3/17/1998)	Flatbed Scanner With A Self-Driven Scanning Module Chiang, Te-Ming
6330084 (09/033780)	US	12/11/2001 (3/2/1998)	Flatbed Scanner With A Self-Driven Scanning Module Chiang, Te-Ming
6040821 (08/006139)	US	3/21/2000 (1/19/1993)	Cursor Tracking Franz, Patrick J.
(CA2042377)	CA	(4/2/1990)	Integrated Keyboard And Pointing Device System J, Franz Patrick
EP0445237 (EP90906605.2)	EP	12/11/1996 (4/2/1990)	Integrated Keyboard And Pointing Device System J, Franz Patrick
EP0540662 (EP91914888.2)	EP	10/9/1996 (7/18/1991)	Keyswitch-Integrated Pointing Assembly L, Brandenburg Eric

<u>Patent or Application No.</u>	<u>Country</u>	<u>Grant Date Filing Date</u>	<u>Title of Patent and First Named Inventor</u>
EP0580800 (EP92917287.2)	EP	7/23/1997 (4/17/1992)	Cursor Tracking Franz, Patrick J.
(EP92300579.7)	EP	(1/23/1992)	Integrated Keyboard And Pointing Device System With Automatic Mode Change J, Franz Patrick
(JP02-506251)	JP	(4/2/1990)	Integrated Keyboard And Pointing Device System Franz, Patrick J.
(JP03-514089)	JP	(7/18/1991)	Keyswitch-Integrated Pointing Assembly Brandenburg, Eric L.
5231386 (07/557546)	US	7/27/1993 (7/24/1990)	Keyswitch-Integrated Pointing Assembly Brandenburg, Eric L.
5124689 (07/412680)	US	6/23/1992 (9/26/1989)	Integrated Keyboard And Pointing Device System Franz, Patrick J.
5499041 (08/322956)	US	3/12/1996 (10/13/1994)	Keyboard Integrated Pointing Device Brandenburg, Eric L.
5889507 (08/685486)	US	3/30/1999 (7/24/1996)	Miniature Isometric Joystick Engle, T. Scott
5541622 (08/104777)	US	7/30/1996 (8/9/1993)	Miniature Isometric Joystick Engle, T. Scott
5407285 (08/275946)	US	4/18/1995 (7/14/1994)	Pointing Stick In A Computer Keyboard For Cursor Control Franz, Patrick J.
5252971 (07/672641)	US	10/12/1993 (3/18/1991)	Data Acquisition In A Multi-Function Keyboard System Which Corrects For Preloading Of Force Sensors Franz, Patrick J.

<u>Patent or Application No.</u>	<u>Country</u>	<u>Grant Date Filing Date</u>	<u>Title of Patent and First Named Inventor</u>
5189403 (07/649711)	US	2/23/1993 (2/1/1991)	Integrated Keyboard And Pointing Device System With Automatic Mode Change Franz, Patrick J.
5701142 (08/480163)	US	12/23/1997 (6/7/1995)	Pointing Stick With Tripod Actuator For Cursor Control In A Computer Keyboard Brown, Daniel R.
5245321 (07/855531)	US	9/14/1993 (3/20/1992)	Integrated Keyboard System With Typing And Pointing Modes Of Operation Franz, Patrick J.
6107996 (07/981750)	US	8/22/2000 (11/24/1992)	Integrated Keyboard And Pointing Device System With Automatic Mode Change Franz, Patrick J.
5568987 (08/410348)	US	10/29/1996 (3/24/1995)	Pointing Stick In A Computer Keyboard For Cursor Control Franz, Patrick J.
(PCT/US1991/005077)	WO	(7/18/1991)	Keyswitch-Integrated Pointing Assembly Eric, Brandenburg
(PCT/US1992/003194)	WO	(4/17/1992)	Cursor Tracking Patrick, Franz
FR0445237 (FR90906605.2)	FR	12/11/1996 (4/2/1990)	Integrated Keyboard And Pointing Device System J, Franz Patrick
KR10-0081024 (KR10-1991-0700532)	KR	1/4/1995 (4/2/1990)	INTEGRATED KEYBOARD AND POINTING DEVICE SYSTEM Unable To Verify
GB0445237 (GB90906605.2)	GB	12/11/1996 (4/2/1990)	INTEGRATED KEYBOARD AND POINTING DEVICE SYSTEM Unable To Verify

<u>Patent or Application No.</u>	<u>Country</u>	<u>Grant Date Filing Date</u>	<u>Title of Patent and First Named Inventor</u>
(PCT/US1990/001789)	WO	(4/2/1990)	Integrated Keyboard And Pointing Device System Franz, Patrick J.
JP2648066 (JP04-015060)	JP	5/9/1997 (1/30/1992)	Integrated Keyboard And Pointing Device System With Automatic Mode Change Franz, Patrick J.
DE69122619.9 (DE69122619.9)	DE	10/9/1996 (7/18/1991)	Keyswitch-Integrated Pointing Assembly J, Franz Patrick
FR0540662 (FR91914888.2)	FR	10/9/1996 (7/18/1991)	Keyswitch-Integrated Pointing Assembly L, Brandenburg Eric
GB0580800 (GB92917287.2)	GB	7/23/1997 (4/17/1992)	Cursor Tracking Franz, Patrick J.
GB0540662 (GB91914888.2)	GB	10/9/1996 (7/18/1991)	KEYSWITCH-INTEGRATED POINTING ASSEMBLY Unable To Verify
(07/688921)	US	(4/19/1991)	Cursor Tracking Franz, Patrick J.
(08/096485)	US	(7/22/1993)	Keyswitch-Integrated Pointing Assembly Brandenburg, Eric L.
DE69029383.6 (DE69029383.6)	DE	12/11/1996 (4/2/1990)	Integrated Keyboard And Pointing Device System Franz, Patrick J.
6388778 (09/293969)	US	5/14/2002 (4/19/1999)	Image Scanner Using One Scanning Pass To Perform A Preview Scan And A Formal Scan Ko-Chien, Chuang
TWI112992 (TW087121960)	TW	3/11/2000 (12/31/1998)	Image Scanner Having Two Correction Areas Zhuang, KE-Gan

<u>Patent or Application No.</u>	<u>Country</u>	<u>Grant Date Filing Date</u>	<u>Title of Patent and First Named Inventor</u>
DE19710686 (DE19710686.2)	DE	12/4/2003 (3/14/1997)	Pointing Method Of Window Frame, Icon Of Window Interface In Computer Heng-Chun, Ho
5739821 (08/791276)	US	4/14/1998 (1/30/1997)	Method For Pointing A Window Frame Or An Icon Of A Window Interface Ho, Heng Chun
5808568 (08/823134)	US	9/15/1998 (3/25/1997)	Finger Operated Module For Generating Encoding Signals Wu, Chih-Hsiung
6292113 (09/152668)	US	9/18/2001 (9/14/1998)	Finger Operated Module For Generating Encoding Signals Wu, Chih-Hsiung
6400284 (09/865595)	US	6/4/2002 (5/29/2001)	Finger Operated Module For Generating Encoding Signals Wu, Chih-Hsiung
5939713 (08/963478)	US	8/17/1999 (11/3/1997)	Optical Sensing System Using Two Sensors To Generate Position Signals Liu, Shu-Ming
5959614 (08/940836)	US	9/28/1999 (9/30/1997)	Pointing Control System For Controlling Rotations Of An Object Within A Three Dimensional View Ho, Heng-Chun
5969245 (09/071898)	US	10/19/1999 (5/5/1998)	Scanner Casing Chiang, Te-Ming
5971808 (09/048377)	US	10/26/1999 (3/26/1998)	Double-Sided Multi-Socket Adapter Panel Chiang, Yi-Te
TWM158086 (TW086220960)	TW	4/11/2000 (12/17/1997)	Two-Sided Receptacle With Multiple Outlets Yi-De, Jiang

<u>Patent or Application No.</u>	<u>Country</u>	<u>Grant Date Filing Date</u>	<u>Title of Patent and First Named Inventor</u>
DE29715675.6 (DE29715675.6)	DE	10/23/1997 (9/1/1997)	Game Apparatus, In Particular Computer Heng-Chuen, Ho
5984784 (08/926977)	US	11/16/1999 (9/10/1997)	Game Apparatus With Fast-Access Keys Ho, Heng-Chun
TWM156280 (TW086211266)	TW	2/21/2000 (7/8/1997)	Game Device With Prompt Starting Key Heng-Chuen, Ho
5995684 (09/069883)	US	11/30/1999 (4/29/1998)	Using Clasps To Fix A Transparent Glass In A Housing Of A Flatbed Scanner Beng, Lim Wei
5999391 (09/063921)	US	12/7/1999 (4/21/1998)	Outage Device And Surge Protection Using The Same Lou, Chin-Kuan
TWI106019 (TW087103704)	TW	8/11/1999 (3/13/1998)	Outage Device And Surge Protection Using The Same Lou, Chin-Kuan
DE29722189.2 (DE29722189.2)	DE	2/19/1998 (12/16/1997)	Scanner Chiang, Te Ming
6011632 (08/984648)	US	1/4/2000 (12/3/1997)	Platform Arrangement Of A Desktop Scanning Device Chiang, Te-Ming
TWM144406 (TW086217955)	TW	1/11/1999 (10/23/1997)	Scanning Platform For Platform Type Scanner Chiang, Te Ming
DE29809562.9 (DE29809562.9)	DE	8/20/1998 (5/27/1998)	Computer Mouse Chung, Yung-Chou
6014130 (09/058723)	US	1/11/2000 (4/10/1998)	Mouse Encoding Device Yung-Chou, Chung

<u>Patent or Application No.</u>	<u>Country</u>	<u>Grant Date Filing Date</u>	<u>Title of Patent and First Named Inventor</u>
TWM181518 (TW087200987)	TW	10/21/2001 (1/20/1998)	Mouse Encoding Apparatus Yung-Jou, Juang
JP3052035 (JP10-001186)	JP	6/24/1998 (3/5/1998)	Computer Mouse Chung, Yung-Chou
6015971 (08/984376)	US	1/18/2000 (12/3/1997)	Optical Sensing System Using Positioning Holes For Encoding Liu, Shu-Ming
6023031 (09/182291)	US	2/8/2000 (10/27/1998)	Computer Power Center Lou, Chin-Kuan
6023370 (09/087325)	US	2/8/2000 (5/29/1998)	Light Polarizing Device For Generating A Polarized Light With Different Polarizations Lin, Shang-Yi
DE29805432.9 (DE29805432.9)	DE	6/25/1998 (3/25/1998)	Z Axis Device Of A Computer Mouse Chung, Yung-Chou
6046729 (09/046597)	US	4/4/2000 (3/24/1998)	Z Axis Device Of A Computer Mouse Chung, Yung-Chou
DE19744861 (DE19744861.5)	DE	5/27/1999 (10/10/1997)	Computer Control Method Using 3-Dimensional Mouse Ming-Chih, Chang
6075533 (08/941068)	US	6/13/2000 (9/30/1997)	Method Of Utilizing A Three-Dimensional Mouse In The Windows Operating Systems Chang, Ming-Chih
TWI143982 (TW086110246)	TW	11/1/2001 (7/19/1997)	Method Of Utilizing A Three-Dimensional Mouse In The Windows Operating Systems Chang, Ming-Chih
EP0961501 (EP99100372.4)	EP	8/11/2004 (1/15/1999)	Color Imaging Projecting Device Shnag-Yi, Lin

<u>Patent or Application No.</u>	<u>Country</u>	<u>Grant Date Filing Date</u>	<u>Title of Patent and First Named Inventor</u>
JP3055683 (JP11-018746)	JP	4/14/2000 (1/27/1999)	Electronic Picture Display Projection Device Shan-Yui, Rin
6089719 (09/087324)	US	7/18/2000 (5/29/1998)	Projecting Device For Displaying Electrical Images Lin, Shang-Yi
TWI122157 (TW087107446)	TW	10/1/2000 (5/14/1998)	The Projective Display Apparatus Used To Show The Image SHAN-YUI, RIN
GB0961501 (GB99100372.4)	GB	8/11/2004 (1/15/1999)	Color Imaging Projecting Device Shnag-Yi, Lin
FR0961501 (FR99100372.4)	FR	8/11/2004 (1/15/1999)	Color Imaging Projecting Device Shnag-Yi, Lin
DE69919270.6 (DE69919270.6)	DE	8/11/2004 (1/15/1999)	Projecting Device For Displaying Electrical Images Shnag-Yi, Lin
6100822 (09/034170)	US	8/8/2000 (3/2/1998)	Optical Sensing System Using Multiple Detectors At Various Positions For Generating Position Signals Liu, Shu-Ming
6115149 (09/062273)	US	9/5/2000 (4/17/1998)	Motor-Speed Control Apparatus For Scanners With A Movable Scan Head Lai, Jiunn-Yiing
TWI105541 (TW087103038)	TW	7/11/1999 (3/3/1998)	A Motor Speed Control Device For Scanner Lai, Jiunn-Yiing
6121868 (09/275085)	US	9/19/2000 (3/24/1999)	Electric Switch Device Which Can Prevent Damage To It And Devices Connected To It Chiang, Yi-Te

<u>Patent or Application No.</u>	<u>Country</u>	<u>Grant Date Filing Date</u>	<u>Title of Patent and First Named Inventor</u>
TWI115025 (TW087121613)	TW	5/11/2000 (12/24/1998)	Electric Switch Device Which Can Prevent Damage To It And Devices Connected To It Chiang, Yi-Te
6121955 (08/984371)	US	9/19/2000 (12/3/1997)	Computer Joystick Having Two Optical Sensors For Generating Vector Signal Liu, Shu-Ming
TWI116088 (TW087119946)	TW	6/1/2000 (12/2/1998)	Computer Joystick Having Two Optical Sensors For Generating Vector Signal Liu, Shu-Ming
6135820 (09/035195)	US	10/24/2000 (3/5/1998)	Conductive Electrode Structure For Double-Sided Multi-Socket Adapter Panel Chiang, Yi-Te
TWM156548 (TW086220959)	TW	3/1/2000 (12/17/1997)	Conductive Electrode Structure For Double-Sided Multi-Socket Adapter Panel Yi-De, Jiang
DE29808076.1 (DE29808076.1)	DE	8/27/1998 (5/5/1998)	Scanner For Detecting Data Chiang, Te Ming
6147780 (09/062543)	US	11/14/2000 (4/17/1998)	Scanner Which Takes Samples From Different Positions Of A Document To Increase Its Resolution Chiang, Te-Ming
6160537 (09/122200)	US	12/12/2000 (7/23/1998)	Computer Joystick For Moving An Object In Three Dimensions Liu, Shu-Ming
6168104 (09/182292)	US	1/2/2001 (10/27/1998)	Shredding Module Used In A Paper Shredder Lin, Shin-Fu
(TW087115928)	TW	(9/25/1998)	Knife Set Of Disintegrating Paper Machine Lin, Shin-Fu

<u>Patent or Application No.</u>	<u>Country</u>	<u>Grant Date Filing Date</u>	<u>Title of Patent and First Named Inventor</u>
6226381 (09/250025)	US	5/1/2001 (2/11/1999)	Telephone Line Box That Prevents Tangles Of The Extension And Retraction Of A Cable Huang, Wei-Chen
GB2339486 (GB9816437.9)	GB	4/9/2003 (7/28/1998)	Initialization For One-Way Communications Shu-Ming, Liu
6243079 (09/110651)	US	6/5/2001 (7/7/1998)	Initialization Method For One-Way Communications And Apparatus For Use Therewith Liu, Shu-Ming
6473071 (09/814844)	US	10/29/2002 (3/23/2001)	Initialization Method For One-Way Communications And Apparatus For Use Therewith Liu, Shu-Ming
TWI130273 (TW088104395)	TW	4/11/2001 (3/19/1999)	Initialization For One-Way Communications And Device Of The Same Liu, Shu-Ming
CNZL99120738.6 (CN99120738.6)	CN	11/19/2003 (9/22/1999)	Projective Display For Electronic Image Lin, Shang-Yi
(EP00103306.7)	EP	(2/18/2000)	Projecting Device For Displaying Electronic Images Lin, Shang-Yi
(JP2000-055725)	JP	(3/1/2000)	Projector For Display Of Electronic Picture Lin, Shang-Yi
TWI113994 (TW088115259)	TW	4/1/2000 (9/3/1999)	Projecting Device For Displaying Electronic Images Lin, Shang-Yi
6247814 (09/421246)	US	6/19/2001 (10/20/1999)	Projecting Device For Displaying Electronic Images Lin, Shang-Yi

<u>Patent or Application No.</u>	<u>Country</u>	<u>Grant Date Filing Date</u>	<u>Title of Patent and First Named Inventor</u>
DE29901851.2 (DE29901851.2)	DE	4/8/1999 (2/3/1999)	Pointing Device With A Datachable Yoller Ball Module Yu-Chih, Cheng
6262714 (09/231703)	US	7/17/2001 (1/13/1999)	Pointing Device With A Detachable Roller Ball Module Yu-Chih, Cheng
(TW087121240)	TW	(12/18/1998)	Cursor Control Device For Computer Yu-Chih, Cheng
6266164 (09/013815)	US	7/24/2001 (1/27/1998)	Scanning Device Having Two Parallel Wheel Sets For Maintaining Scanning Direction Chiang, Te Ming
TWM147035 (TW086217196)	TW	4/21/1999 (10/9/1997)	Scanning Apparatus With Two Roller Sets Which Can Slide In Parallel Chiang, Te Ming
6269721 (09/201317)	US	8/7/2001 (11/27/1998)	Electric Paper Punch Tseng, Tzu-Feng
DE19905076 (DE19905076.7)	DE	6/20/2002 (2/8/1999)	Voice Control Module For Controlling Computer Game Etc. Activates Command Mode Speech Recognition Device After Continuous Speech Recognition Device Converts A Switch Command Jong-Ding, Wang
6456977 (09/231711)	US	9/24/2002 (1/13/1999)	Voice Control Module For Controlling A Game Controller Wang, Jong-Ding
(10/063784)	US	(5/13/2002)	Voice Control Module For Controlling A Game Controller Wang, Jong-Ding
TWI161306 (TW087117150)	TW	7/21/2002 (10/15/1998)	Voice Control Module For Control Of Game Controller

<u>Patent or Application No.</u>	<u>Country</u>	<u>Grant Date Filing Date</u>	<u>Title of Patent and First Named Inventor</u>
			JONG-DING, WANG
DE19912420.5 (DE19912420.5)	DE	4/17/2003 (3/19/1999)	Computer Joystick For Detecting And Converting Positional Changes Of Control Stick Into Digital Signals Shu-Ming, Liu
6597453 (09/143451)	US	7/22/2003 (8/28/1998)	Computer Joystick Shu-Ming, Liu
TWI141965 (TW087110821)	TW	8/21/2001 (7/3/1998)	Computer Joystick Shu-Ming, Liu
6665099 (09/060873)	US	12/16/2003 (4/15/1998)	Device And Method For Controlling Light Exposure Lai, Jiunn-Yiing
TWI106754 (TW087103177)	TW	8/21/1999 (3/5/1998)	Exposure Control Device And Method Lai, Jiunn-Yiing
6732359 (09/468446)	US	5/4/2004 (12/21/1999)	Application Process Monitor Darin J. Marrow
(11/417277)	US	(5/4/2006)	Application Process Monitor Unable To Verify
RE41488 (11/723812)	US	8/10/2010 (3/22/2007)	Methods And Systems For Using The Public Switched Telephone Network To Conduct A Transaction Between Customer Accounts Malik, Dale W.
6873691 (09/287023)	US	3/29/2005 (4/6/1999)	Methods And Systems For Using The Public Switched Telephone Network To Conduct A Transaction Between Customer Accounts Unable To Verify
(PCT/US2000/009132)	WO	(4/6/2000)	Methods And Systems For Using The Public Switched Telephone Network To Conduct A Transaction Between Customer Accounts

<u>Patent or Application No.</u>	<u>Country</u>	<u>Grant Date Filing Date</u>	<u>Title of Patent and First Named Inventor</u>
			Unable To Verify
6236983 (09/017112)	US	5/22/2001 (1/31/1998)	Method And Apparatus For Collecting Information Regarding A Device Or A User Of A Device Hofmann, William D.
6519581 (09/844858)	US	2/11/2003 (4/27/2001)	Collection Of Information Regarding A Device Or A User Of A Device Across A Communication Link Hofmann, William D.
(PCT/US1999/001792)	WO	(1/27/1999)	Information Collecting Agents And Rules Hofmann, William D.
(JP2006-026916)	JP	(2/3/2006)	Inputting Device For Handwritten Character Sakai, Yoshifumi
(JP04-300568)	JP	(10/14/1992)	Operation Of Blast Furnace Kazuyoshi, Yamaguchi
6596590 (09/679649)	US	7/22/2003 (10/5/2000)	Method Of Making Multi-Level Type Non- Volatile Semiconductor Memory Device Miura, Hirotomo
6469343 (09/679650)	US	10/22/2002 (10/5/2000)	Multi-Level Type Nonvolatile Semiconductor Memory Device Miura, Hirotomo
6285596 (09/679651)	US	9/4/2001 (10/5/2000)	Multi-Level Type Nonvolatile Semiconductor Memory Device Miura, Hirotomo
6649542 (10/146949)	US	11/18/2003 (5/17/2002)	Multi-Level Type Nonvolatile Semiconductor Memory Device Miura, Hirotomo

<u>Patent or Application No.</u>	<u>Country</u>	<u>Grant Date Filing Date</u>	<u>Title of Patent and First Named Inventor</u>
6605839 (10/303726)	US	8/12/2003 (11/26/2002)	Multi-Level Type Nonvolatile Semiconductor Memory Device Miura, Hirotomo
(JP07-086823)	JP	(4/12/1995)	Inputting Device For Handwritten Character Sakai, Yoshifumi
5812697 (08/800374)	US	9/22/1998 (2/14/1997)	Method And Apparatus For Recognizing Hand- Written Characters Using A Weighting Dictionary Miura, Hiromoto
(08/468309)	US	(6/6/1995)	Method Of Recognizing Hand-Written Characters And An Apparatus For Recognizing The Same Sakai, Yoshifumi
(09/053492)	US	(4/2/1998)	Nonvolatile Semiconductor Memory Device Having A Multi-Layer Electric Charge-Capturing Film Miura, Hiromoto
(11/812223)	US	(6/13/2007)	Multi-Level Type Nonvolatile Semiconductor Memory Device Miura, Hiromoto
JP4057081 (JP08-272961)	JP	12/21/2007 (9/24/1996)	Semiconductor Device And Manufacture Thereof HAZAMA, Katsuki
JP5099983 (JP2005-165727)	JP	10/5/2012 (9/24/1996)	Semiconductor Device And Manufacturing The Same Hazama, Katsuki
(JP07-276292)	JP	(9/29/1995)	Semiconductor Device And Method Of Manufacturing The Same Hazama, Katsuki
5925907 (08/720014)	US	7/20/1999 (9/27/1996)	Semiconductor Device Including Transistor With Composite Gate Structure And Transistor With Single Gate Structure

<u>Patent or Application No.</u>	<u>Country</u>	<u>Grant Date Filing Date</u>	<u>Title of Patent and First Named Inventor</u>
			Hazama, Katsuki
(09/317255)	US	(5/24/1999)	Semiconductor Device Including Transistor With Composite Gate Structure And Transistor With Single Gate Structure, And Method For Manufacturing The Same Hazama, Katsuki
6787844 (10/118039)	US	9/7/2004 (4/9/2002)	Semiconductor Device Including Transistor With Composite Gate Structure And Transistor With Single Gate Structure, And Method For Manufacturing The Same Hazama, Katsuki
7312496 (10/725318)	US	12/25/2007 (12/2/2003)	Semiconductor Device Including Transistor With Composite Gate Structure And Transistor With Single Gate Structure, And Method For Manufacturing The Same Hazama, Katsuki
6525370 (09/706810)	US	2/25/2003 (11/7/2000)	Semiconductor Device Including Transistor With Composite Gate Structure And Transistor With Single Gate Structure And Method For Manufacturing The Same Hazama, Katsuki
6913973 (10/653237)	US	7/5/2005 (9/3/2003)	Semiconductor Device Including Transistor With Composite Gate Structure And Transistor With Single Gate Structure, And Method For Manufacturing The Same Hazama, Katsuki
7683423 (11/494261)	US	3/23/2010 (7/27/2006)	Semiconductor Device Including Transistor With Composite Gate Structure And Transistor With Single Gate Structure, And Method For Manufacturing The Same Hazama, Katsuki
7439573 (11/494296)	US	10/21/2008 (7/27/2006)	Semiconductor Device Including Transistor With Composite Gate Structure And Transistor With Single Gate Structure, And Method For Manufacturing The Same

<u>Patent or Application No.</u>	<u>Country</u>	<u>Grant Date Filing Date</u>	<u>Title of Patent and First Named Inventor</u>
			Hazama, Katsuki
7452774 (11/958708)	US	11/18/2008 (12/18/2007)	Semiconductor Device Including Transistor With Composite Gate Structure And Transistor With Single Gate Structure, And Method For Manufacturing The Same Hazama, Katsuki
7759195 (12/254683)	US	7/20/2010 (10/20/2008)	Semiconductor Device Including Transistor With Composite Gate Structure And Transistor With Single Gate Structure, And Method For Manufacturing The Same Hazama, Katsuki
(JP09-055535)	JP	(2/24/1997)	Semiconductor Device And Manufacture Thereof And Non-Volatile Semiconductor Memory And Manufacture Thereof Hazama, Katsuki
5856691 (08/802354)	US	1/5/1999 (2/21/1997)	Element-To-Element Interconnection In Semiconductor Device Hazama, Katsuki
(JP08-061864)	JP	(2/23/1996)	Semiconductor Device And Manufacture Thereof And Non-Volatile Semiconductor Memory And Manufacture Thereof Unable To Verify
JP3887443 (JP09-055536)	JP	12/1/2006 (2/24/1997)	Nonvolatile Semiconductor Memory Device Hazama, Katsuki
5780894 (08/802946)	US	7/14/1998 (2/21/1997)	Nonvolatile Semiconductor Memory Device Having Stacked-Gate Type Transistor Hazama, Katsuki
(JP08-061866)	JP	(2/23/1996)	Nonvolatile Semiconductor Memory Device Having Stacked-Gate Type Transistor Unable To Verify

<u>Patent or Application No.</u>	<u>Country</u>	<u>Grant Date Filing Date</u>	<u>Title of Patent and First Named Inventor</u>
6032150 (08/918094)	US	2/29/2000 (8/25/1997)	Secure Graphical Objects In Web Documents With A Program Applet Placed To Present Further Information Upon Selected Conditions Nguyen, Julien T.
6542923 (08/918698)	US	4/1/2003 (8/21/1997)	Active Electronic Mail Nguyen, Julien T.
7251677 (10/187053)	US	7/31/2007 (6/28/2002)	Active Electronic Mail Nguyen, Julien T.
7251679 (10/405029)	US	7/31/2007 (3/31/2003)	Active Electronic Mail Nguyen, Julien T.
JP3290600 (JP08-303729)	JP	3/22/2002 (10/29/1996)	Method For Reading Image Data And Device Therefor And Network System Unable To Verify
JP3439610 (JP08-307213)	JP	6/13/2003 (11/1/1996)	Method And Device For Storing Image Data, And Image Data Writing And Reading System Using The Same Kaizuka, Hiroshi
(JP08-307214)	JP	(11/1/1996)	Data Reading Method And Its Device Hiroshi, Kaizuka
6396507 (08/928642)	US	5/28/2002 (9/12/1997)	Data Storage/Access Network System For Zooming Image And Method Of The Storage/Access Kaizuka, Hiroshi
JP3684048 (JP09-270643)	JP	6/3/2005 (9/17/1997)	Semiconductor Device And Its Manufacture Sato, Yasuo
5900661 (08/931517)	US	5/4/1999 (9/16/1997)	Eeprom With Bit Line Below Word Lines Sato, Yasuo

<u>Patent or Application No.</u>	<u>Country</u>	<u>Grant Date Filing Date</u>	<u>Title of Patent and First Named Inventor</u>
(JP08-267843)	JP	(9/18/1996)	Semiconductor Device And Its Manufacture Unable To Verify
RE42004 (11/655744)	US	12/21/2010 (1/18/2007)	Method For Fabricating A Semiconductor Storage Device Having An Increased Dielectric Film Area Sugaya, Fumitaka
(JP10-109179)	JP	(4/20/1998)	Semiconductor Device And Manufacture Thereof Sugaya, Fumitaka
JP4352011 (JP2005-036324)	JP	7/31/2009 (4/20/1998)	Semiconductor Device And Method Of Manufacturing It Sugaya, Fumitaka
JP4901147 (JP2005-202177)	JP	1/13/2012 (4/20/1998)	Manufacturing Method Of Semiconductor Device Sugaya, Fumitaka
6288423 (09/059590)	US	9/11/2001 (4/14/1998)	Composite Gate Structure Memory Cell Having Increased Capacitance Sugaya, Fumitaka
6844268 (09/387857)	US	1/18/2005 (9/1/1999)	Method For Fabricating A Semiconductor Storage Device Having An Increased Dielectric Film Area Sugaya, Fumitaka
(JP09-116322)	JP	(4/18/1997)	Semiconductor Device And Manufacture Thereof Unable To Verify
TWI110318 (TW087105623)	TW	12/11/1999 (4/14/1998)	A Semiconductor Device And Thereof Sugaya, Fumitaka
(JP2008-064132)	JP	(4/20/1998)	Semiconductor Device And Manufacture Thereof Sugaya, Fumitaka
JP3605266 (JP09-230273)	JP	10/8/2004 (8/12/1997)	Semiconductor Storage Device And Readout Method Therefor And Storage Medium Stored With The Method

<u>Patent or Application No.</u>	<u>Country</u>	<u>Grant Date Filing Date</u>	<u>Title of Patent and First Named Inventor</u>
			Nakajima, Tatsuo
JP3581548 (JP09-356229)	JP	7/30/2004 (12/9/1997)	Semiconductor Storage Device And Using Method As Well As Storage Medium With Stored Usage Method Nakajima, Tatsuo
JP3581549 (JP09-356230)	JP	7/30/2004 (12/9/1997)	Semiconductor Storage Device And Usage Method As Well As Storage Medium With Stored Usage Method Nakajima, Tatsuo
JP3513379 (JP09-356232)	JP	1/16/2004 (12/9/1997)	Semiconductor Storage Device And Usage Method As Well As Storage Medium With Stored Usage Method Nakajima, Tatsuo
6088261 (09/132502)	US	7/11/2000 (8/11/1998)	Semiconductor Storage Device Nakajima, Tatsuo
(JP10-305167)	JP	(10/27/1998)	Method For Time Base Scroll Display, Scroll Display Controller And Storage Medium Mizuno, Shinya
6380953 (09/179424)	US	4/30/2002 (10/27/1998)	Method Of Display Scrolling Along A Timebase And An Apparatus For Performing The Method Mizuno, Shinya
(JP09-311346)	JP	(10/28/1997)	Method For Time Base Scroll Display, Scroll Display Controller And Storage Medium Unable To Verify
6211879 (09/229288)	US	4/3/2001 (1/13/1999)	System And Method For Navigating In Multiple Windows Soohoo, Kenneth
(PCT/US2000/000783)	WO	(1/12/2000)	System And Method For Navigating In Multiple Windows Soohoo, Kenneth

<u>Patent or Application No.</u>	<u>Country</u>	<u>Grant Date Filing Date</u>	<u>Title of Patent and First Named Inventor</u>
(11/367052)	US	(3/2/2006)	Method, Apparatus, And Computer Program Product For Automatic Page Suppression In Forms Weber, Jay C.
(EP00952156.8)	EP	(7/28/2000)	Method, Apparatus, And Computer Program Product For Deferred Completion Of Multi-Step User Transaction Applications Weber, Jay C.
(EP00955246.4)	EP	(7/28/2000)	Method, Apparatus, And Computer Program Product For Automatic Page Suppression In Forms Weber, Jay C.
6701486 (09/363978)	US	3/2/2004 (7/29/1999)	Method, Apparatus, And Computer Program Product For Automatic Page Suppression In Forms Weber, Jay C.
6971105 (09/364170)	US	11/29/2005 (7/29/1999)	Method, Apparatus, And Computer Program Product For Deferred Completion Of Multi-Step User Transaction Applications Weber, Jay C.
8171490 (11/264456)	US	5/1/2012 (11/1/2005)	Method, Apparatus, And Computer Program Product For Deferred Completion Of Multi-Step Network User Transaction Applications Weber, Jay C.
(PCT/US2000/019552)	WO	(7/28/2000)	Method, Apparatus, And Computer Program Product For Deferred Completion Of Multi-Step User Transaction Applications Weber, Jay C.
(PCT/US2000/019553)	WO	(7/28/2000)	Method, Apparatus, And Computer Program Product For Automatic Page Suppression In Forms Weber, Jay C.

<u>Patent or Application No.</u>	<u>Country</u>	<u>Grant Date Filing Date</u>	<u>Title of Patent and First Named Inventor</u>
JP3675511 (JP07-083664)	JP	5/13/2005 (4/10/1995)	Method And Device For Handwritten Character Recognition Unable To Verify
(JP06-234652)	JP	(9/29/1994)	Method And Device For Handwritten Character Recognition Unable To Verify
(JP10-108123)	JP	(4/17/1998)	Nonvolatile Semiconductor Device, Its Manufacturing Method, Its Writing Method, Its Reading Method, Storage Medium And Semiconductor Device Sato, Hirotomo Miura
(JP09-123058)	JP	(4/25/1997)	Nonvolatile Semiconductor Device, Its Manufacturing Method, Its Writing Method, Its Reading Method, Storage Medium And Semiconductor Device Unable To Verify
JP4615456 (JP2006-034476)	JP	10/29/2010 (4/17/1998)	Nonvolatile Semiconductor Device, Its Manufacturing Method, Its Writing Method, Storage Medium And Semiconductor Device Sato, Hirotomo Miura
(JP2010-195627)	JP	(4/17/1998)	Nonvolatile Semiconductor Device, Its Manufacturing Method, Its Writing Method, Storage Medium And Semiconductor Device Sato, Hirotomo Miura
JP4435879 (JP09-269391)	JP	1/8/2010 (9/16/1997)	Method And Device For Zooming Image And Its Recording Medium Kaizuka, Hiroshi
(JP08-265583)	JP	(9/13/1996)	Method And Device For Zooming Image And Its Recording Medium Unable To Verify

<u>Patent or Application No.</u>	<u>Country</u>	<u>Grant Date Filing Date</u>	<u>Title of Patent and First Named Inventor</u>
AU687717 (AU24725/97)	AU	2/26/1998 (6/4/1996)	Document Moving Transmission System For An Optical Scanner Henry, Peng
AU690512 (AU52903/98)	AU	4/23/1998 (2/3/1998)	Moveable Lens Apparatus For Digital Camera Kou-Long, Tseng
(GB9801818.7)	GB	(1/28/1998)	Moveable Lens Apparatus For Digital Camera Kou-Long, Tseng
AU691157 (AU59416/98)	AU	5/7/1998 (3/19/1998)	Paper-Feeding Mechanism For A Document Duplicating Machine Chin-I, Lin
AU691158 (AU59418/98)	AU	5/7/1998 (3/19/1998)	Paper-Loading Mechanism For A Document Duplicating Machine Chin-I, Lin
AU696473 (AU59419/98)	AU	9/10/1998 (3/19/1998)	Extended Adjusting Mechanism For The Lens Set Of An Imaging System Kou-Long, Tseng
AU703614 (AU12505/97)	AU	3/25/1999 (2/4/1997)	Multiple Optical Lens System With Auto-Focus Calibration Wen-Tso, Tseng
AU743178 (AU60704/98)	AU	1/17/2002 (4/7/1998)	Paper-Feeding Apparatus Chin-I, Lin
AU747948 (AU45089/97)	AU	5/30/2002 (11/10/1997)	Method For Fetching Identification Of Scsi Equipment Yin-Chun, Huang
AU750155 (AU52754/98)	AU	7/11/2002 (1/27/1998)	Apparatus And Method For Controlling A Stepping Motor Tsu-Hsing, Chen

<u>Patent or Application No.</u>	<u>Country</u>	<u>Grant Date Filing Date</u>	<u>Title of Patent and First Named Inventor</u>
GB2330971 (GB9723228.4)	GB	3/8/2000 (11/3/1997)	Method And Apparatus For Forming High Contrast Image In Imaging System Chuan-Yu, Hsu
GB2331167 (GB9723725.9)	GB	9/22/1999 (11/10/1997)	Method For Fetching Identification Of Scsi Equipment Yin-Chun, Huang
GB2335418 (GB9806033.8)	GB	6/14/2000 (3/20/1998)	Sheet Feeding Chin-I, Lin
GB2335419 (GB9806041.1)	GB	6/14/2000 (3/20/1998)	Sheet Feeding Chin-I, Lin
6052741 (08/967977)	US	4/18/2000 (11/12/1997)	Method For Accurately Fetching A Scsi Device Id By Sampling The Device To Obtain Sampling Values And Choosing A Sampling Value That Appears Most Frequently Huang, Yin-Chun
6073923 (09/048957)	US	6/13/2000 (3/26/1998)	Paper-Feeding Mechanism For A Document Duplicating Machine Lin, Chin-I
6073924 (09/048958)	US	6/13/2000 (3/26/1998)	Paper-Loading Mechanism For A Document Duplicating Machine Lin, Chin-I
6135447 (09/191536)	US	10/24/2000 (11/13/1998)	Apparatus For Skew Correction In Cut-Sheet Paper Feeding Lin, Chin-I
(DE29809379.0)	DE	(5/25/1998)	Imaging Cartridge For A Computer System Wen-Tso, Tseng
6141119 (09/063549)	US	10/31/2000 (4/20/1998)	Imaging Cartridge For A Computer System Tseng, Wen-Tso

<u>Patent or Application No.</u>	<u>Country</u>	<u>Grant Date Filing Date</u>	<u>Title of Patent and First Named Inventor</u>
(GB9711653.7)	GB	(6/5/1997)	Document Window Movement Transmission System For An Optical Scanner HENRY, PENG
(GB9709211.8)	GB	(5/7/1997)	Converting And Scaling Non-Interlaced Vga Signals To Interlaced Tv Signals Lie-Der, Lin
(GB9711105.8)	GB	(5/29/1997)	Method For Dynamically Scanning An Image Chun-Tsai, Chien
(GB9716019.6)	GB	(7/29/1997)	Sheet-Fed Scanner With Selectively Variable Document Feed-In And Feed-Out Positions Shih-Min, Lo
(GB9805566.8)	GB	(3/16/1998)	A Spring-Free Type Focusing And Defocusing Mechanism For A Digital Camera Kou-Lung, Tseng
(GB9806036.1)	GB	(3/20/1998)	Lens Adjusting Mechanism Kou-Lung, Tseng
(GB9807468.5)	GB	(4/7/1998)	Paper-Feeding Apparatus I, Lin Chin
(GB9807469.3)	GB	(4/7/1998)	Paper-Feeding Apparatus Chin-I, Lin
(GB9806028.8)	GB	(3/20/1998)	Adjusting Mechanism For The Lens Set Of An Imaging System Kou-Lung, Tseng
(AU33225/97)	AU	(8/7/1997)	Sheet-Fed Scanner With Selectively Variable Document Feed-In And Feed-Out Positions Lo, Shih-Min

<u>Patent or Application No.</u>	<u>Country</u>	<u>Grant Date Filing Date</u>	<u>Title of Patent and First Named Inventor</u>
TWM142648 (TW086210433)	TW	1/11/1999 (6/24/1997)	Paper Feed Type Scanning Device Capable Of Changing Paper Feed Direction Unable To Verify
D413584 (29/091786)	US	9/7/1999 (8/4/1998)	Scanner Wu, Jesse
TWD067040 (TW087305283)	TW	2/21/2000 (7/21/1998)	SCANNER(DX-800) Unable To Verify
5883718 (08/984446)	US	3/16/1999 (12/3/1997)	Optical Sensing System For Detecting Displacements Of A Slidable Frame Along An Elongated Plate Ming, Liu Shu
TWI117953 (TW087119945)	TW	7/1/2000 (12/2/1998)	Linear Light Curtain System Liu
DE29706237.9 (DE29706237.9)	DE	6/5/1997 (4/8/1997)	Module For Creating Coded Signals, Which Is Manually Operable Wu, Chih-Hsiung
(TW086203169)	TW	(2/27/1997)	Finger Operated Module For Generating Encoding Signals Wu, Chih-Hsiung
6147675 (08/984449)	US	11/14/2000 (12/3/1997)	Input Device For Transmitting Variable Input Signals To A Computer Game Port Liu, Shu-Ming
(JP09-358387)	JP	(12/25/1997)	Optical Detection System Using Two Sensors To Generate Positional Signal Shuu-Min, Riu
(DE19755157.2)	DE	(12/11/1997)	Optical Rotation Position Detector Shu-Ming, Liu

<u>Patent or Application No.</u>	<u>Country</u>	<u>Grant Date Filing Date</u>	<u>Title of Patent and First Named Inventor</u>
TWI123230 (TW086114883)	TW	11/11/2000 (10/9/1997)	Optical Sensing System Using Positioning Holes For Encoding Shu-Ming, Liu
D360200 (29/011676)	US	7/11/1995 (8/9/1993)	Computer Keyboard Spacebar With Integrated Pointing Stick For Typing And Pointing Operations Franz, Patrick J.
D360630 (29/030307)	US	7/25/1995 (10/26/1994)	Keycap Assembly With Extended Operations In A Computer Keyboard Franz, Patrick J.
D358385 (29/030317)	US	5/16/1995 (10/26/1994)	Keycap Assembly With Corner Integrated Pointing Stick For Typing And Pointing Operations In A Computer Keyboard Franz, Patrick J.
D359956 (29/030310)	US	7/4/1995 (10/26/1994)	Key Cap Assembly With Extended Sidewall Integrated Pointing Stick For Typing And Pointing Operations In A Computer Keyboard Franz, Patrick J.
JP0956242 (JP06-002394)	JP	3/26/1996 (2/3/1994)	Key For Computer Keyboard Franz, Patrick J.
DE29804707.1 (DE29804707.1)	DE	7/2/1998 (3/16/1998)	Device For Controlling A Motor Speed Of A Scanner With A Movable Sensing Head Lai, Jiunn-Yiing
CNZL98107911.3 (CN98107911.3)	CN	10/8/2003 (4/30/1998)	Image Scanning Method For Scanner Yeh, Pao-Yuan
(JP06-214251)	JP	(8/15/1994)	Composite Key For Computer Keyboard Provided With Pointing Stick For Cursor Control Furantsu, Patoritsgbu Jiei

<u>Patent or Application No.</u>	<u>Country</u>	<u>Grant Date Filing Date</u>	<u>Title of Patent and First Named Inventor</u>
D360412 (29/018842)	US	7/18/1995 (2/16/1994)	Combined Pointing Stick And Surrounding Keycap For Use In A Computer Keyboard Franz, Patrick J.
(11/787567)	US	(4/17/2007)	Modifying Apparent Browser Operation Unable To Verify
6389458 (09/183605)	US	5/14/2002 (10/30/1998)	Method, Apparatus And System For Directing Access To Content On A Computer Network Unable To Verify
7272631 (11/056491)	US	9/18/2007 (2/11/2005)	Method, Apparatus And System For Directing Access To Content On A Computer Network Shuster, Brian M.
6904453 (10/103156)	US	6/7/2005 (3/20/2002)	Method, Apparatus And System For Directing Access To Content On A Computer Network Unable To Verify
6270409 (09/247235)	US	8/7/2001 (2/9/1999)	Method And Apparatus For Gaming Unable To Verify
(09/291366)	US	(4/14/1999)	Graphics System And Method For Rendering Independent 2d And 3d Objects Using Pointer Based Display List Video Refresh Operations Geiger, Peter D.
6518965 (09/971107)	US	2/11/2003 (10/4/2001)	Graphics System And Method For Rendering Independent 2d And 3d Objects Using Pointer Based Display List Video Refresh Operations Geiger, Peter D.
(60/083177)	US	(4/27/1998)	Graphics System And Method For Rendering Independent 2d And 3d Objects Using Pointer Based Display List Video Refresh Operations Geiger, Peter D.
(PCT/US1999/008887)	WO	(4/23/1999)	Graphics System And Method For Rendering Independent 2-D And 3-D Objects

<u>Patent or Application No.</u>	<u>Country</u>	<u>Grant Date Filing Date</u>	<u>Title of Patent and First Named Inventor</u>
			Dye, Thomas A.
6317808 (09/277051)	US	11/13/2001 (3/26/1999)	DATA STORAGE SYSTEM AND METHOD OF ROUTING OR ASSIGNING DISK WRITE REQUESTS AMONG A SET OF DISKS USING WEIGHTED AVAILABLE DISK SPACE VALUES Unable To Verify
AU764717 (AU199937822)	AU	8/28/2003 (5/3/1999)	Method And Apparatus For Routing Short Messages Kerem, Irten
CA2331265 (CA2331265)	CA	2/17/2004 (5/3/1999)	Method And Apparatus For Routing Short Messages Kerem, Irten
(EP99920287.2)	EP	(5/3/1999)	Method And Apparatus For Routing Short Messages Kerem, Irten
JP4094815 (JP2000-547803)	JP	3/14/2008 (5/3/1999)	Method And Apparatus For Routing Short Messages Kerem, Irten
6308075 (09/072527)	US	10/23/2001 (5/4/1998)	Method And Apparatus For Routing Short Messages Kerem, Irten
(PCT/US1999/009636)	WO	(5/3/1999)	Method And Apparatus For Routing Short Messages Kerem, Irten
(BRPI9910255-2)	BR	(5/3/1999)	Method And Apparatus For Routing Short Messages Kerem, Irten
CNZL99808253.8 (CN99808253.8)	CN	4/30/2008 (5/3/1999)	Method And Apparatus For Routing Short Messages

<u>Patent or Application No.</u>	<u>Country</u>	<u>Grant Date Filing Date</u>	<u>Title of Patent and First Named Inventor</u>
			Irten, Kerem
DE29718327 (DE29718327.3)	DE	12/11/1997 (10/15/1997)	Pointing Control System For Controlling Rotations Of An Object Within A Three Dimensional View Ho, Heng-Chun
DE19751694 (DE19751694.7)	DE	8/12/1999 (11/21/1997)	Optical Sensing System Using Two Sensors To Generate Position Signals Shuh-Ming, Liu
DE29808904.1 (DE29808904.1)	DE	7/30/1998 (5/7/1998)	Coupling Device For A Multiple Frequency Antenna Andrew, Jesman
(EP98919312.3)	EP	(4/27/1998)	Matching Device For A Multi-Frequency Antenna Andrew, Jesman
GB2330693 (GB9722450.5)	GB	4/24/2002 (10/23/1997)	Matching Device For Multi-Frequency Antenna Andrew, Jesman
(PCT/GB1998/001220)	WO	(4/27/1998)	Using Clasps To Fix A Transparent Glass In A Housing Of A Flatbed Scanner Andrew, Jesman
6370523 (09/049632)	US	4/9/2002 (3/27/1998)	System And Methods For Determining A Desired Listing Using An Intersection Of Coverage Areas And A Search Region Anderson, Charles Dewey
(AU19990028020)	AU	(3/3/1999)	A System And Methods For Determining A Desired Listing Using An Intersection Of Coverage Areas And A Search Region Anderson Dewey Charles
(CA2326132)	CA	(3/3/1999)	A System And Methods For Determining A Desired Listing Using An Intersection Of Coverage Areas And A Search Region Anderson Dewey Charles

<u>Patent or Application No.</u>	<u>Country</u>	<u>Grant Date Filing Date</u>	<u>Title of Patent and First Named Inventor</u>
(EP99908640.8)	EP	(3/3/1999)	A System And Methods For Determining A Desired Listing Using An Intersection Of Coverage Areas And A Search Region Anderson Dewey Charles
(PCT/US1999/004755)	WO	(3/3/1999)	A System And Methods For Determining A Desired Listing Using An Intersection Of Coverage Areas And A Search Region Anderson Dewey Charles
(ARP990101280)	AR	(3/23/1999)	A System And Methods For Determining A Desired Listing Using An Intersection Of Coverage Areas And A Search Region Anderson, Charles Dewey
(CL566-99)	CL	(3/26/1999)	A System And Methods For Determining A Desired Listing Using An Intersection Of Coverage Areas And A Search Region Anderson, Charles Dewey
(VE01999-000539)	VE	(3/29/1999)	A System And Methods For Determining A Desired Listing Using An Intersection Of Coverage Areas And A Search Region Anderson, Charles Dewey
IL122047 (IL19970122047)	IL	2/22/2001 (10/28/1997)	Method System And Article Of Manufacture For Producing A Network Navigation Device Unable To Verify
5940595 (08/710820)	US	8/17/1999 (9/23/1996)	Electronic Network Navigation Device And Method For Linking To An Electronic Address Therewith William L. Reber
5938726 (08/732956)	US	8/17/1999 (10/17/1996)	Apparatus For Reading An Electronic Network Navigation Device And A Peripheral For Use Therewith William L. Reber

<u>Patent or Application No.</u>	<u>Country</u>	<u>Grant Date Filing Date</u>	<u>Title of Patent and First Named Inventor</u>
5930767 (08/858184)	US	7/27/1999 (5/28/1997)	Transaction Methods Systems And Devices William Louis Reber
5928753 (09/070284)	US	7/27/1999 (4/30/1998)	Foldable Article Cary D. Perttunen
5995105 (08/726004)	US	11/30/1999 (10/4/1996)	Methods And Systems For Providing A Resource In An Electronic Network William L. Reber
5986651 (08/744338)	US	11/16/1999 (11/7/1996)	Method, System, And Article Of Manufacture For Producing A Network Navigation Device William L. Reber
5882763 (08/788153)	US	3/16/1999 (1/24/1997)	Foldable Article Cary D. Perttunen
6081827 (08/876935)	US	6/27/2000 (6/16/1997)	Network Navigation Methods And Systems Using An Article Of Mail William L. Reber
5903729 (08/890140)	US	5/11/1999 (7/10/1997)	Method, System, And Article Of Manufacture For Navigating To A Resource In An Electronic Network William L. Reber
5902353 (08/890138)	US	5/11/1999 (7/10/1997)	Method, System, And Article Of Manufacture For Navigating To A Resource In An Electronic Network William L. Reber
(PCT/US1997/016968)	WO	(9/19/1997)	Electronic Network Navigation Device And Method For Linking To An Electronic Address Therewith Reber Richard
(PCT/US1997/016874)	WO	(9/23/1997)	Methods And Systems For Providing A Resource In An Electronic Network

<u>Patent or Application No.</u>	<u>Country</u>	<u>Grant Date Filing Date</u>	<u>Title of Patent and First Named Inventor</u>
			Reber William L
(PCT/US1997/019606)	WO	(11/4/1997)	Method, System, And Article Of Manufacture For Producing A Network Navigation Device Reber William L
(PCT/US1997/017590)	WO	9/25/1997)	An Apparatus For Reading An Electronic Network Navigation Device And A Peripheral For Use Therewith Reber William L
(TW086114488)	TW	(10/3/1997)	Apparatus For Reading An Electronic Network Navigation Device And A Peripheral For Use Therewith William L. Reber
TWI104773 (TW086116647)	TW	7/1/1999 (11/7/1997)	Apparatus For Reading An Electronic Network Navigation Device And A Peripheral For Use Therewith William L. Reber
(09/352464)	US	(7/13/1999)	METHOD, SYSTEM, AND ARTICLE OF MANUFACTURE FOR NAVIGATING TO A RESOURCE IN AN ELECTRONIC NETWORK Unable To Verify
TWI097100 (TW086113843)	TW	10/1/1998 (9/23/1997)	Apparatus For Reading An Electronic Network Navigation Device And A Peripheral For Use Therewith William L. Reber
TWI098550 (TW086114764)	TW	12/1/1998 (10/8/1997)	Apparatus For Reading An Electronic Network Navigation Device And A Peripheral For Use Therewith William L. Reber
5939702 (08/949130)	US	8/17/1999 (10/10/1997)	Writing Implement Having An Integrated Optical Reader Mark S. Knighton

<u>Patent or Application No.</u>	<u>Country</u>	<u>Grant Date Filing Date</u>	<u>Title of Patent and First Named Inventor</u>
5969324 (08/833858)	US	10/19/1999 (4/10/1997)	Accounting Methods And Systems Using Transaction Information Associated With A Nonpredictable Bar Code William L. Reber
(09/368708)	US	(8/5/1999)	Accounting Methods And Systems Using Transaction Information Associated With A Nonpredictable Bar Code Unable To Verify
6032866 (08/926792)	US	3/7/2000 (9/10/1997)	Foldable Apparatus Having An Interface Mark S. Knighton
6112992 (09/098756)	US	9/5/2000 (6/17/1998)	Optical Code Reader And Methods And Articles Therefor David S. Agabra
(CN99806977.9)	CN	(5/27/1999)	Optical Code Reader And Methods And Articles Therefor Reber William L
6126075 (09/099088)	US	10/3/2000 (6/17/1998)	An Optical Code Reader Including Circuitry For Processing The Read Symbolology David S. Agabra
(60/087906)	US	(6/4/1998)	Optical Code Reader And Methods And Articles Therefor William L. Reber
(PCT/US1999/011719)	WO	(5/27/1999)	Optical Code Reader And Methods And Articles Therefor Reber William L
(DE19983322.2)	DE	(5/27/1999)	Optical Code Reader And Methods And Articles Therefor Reber William L

<u>Patent or Application No.</u>	<u>Country</u>	<u>Grant Date Filing Date</u>	<u>Title of Patent and First Named Inventor</u>
6131813 (09/098705)	US	10/17/2000 (6/17/1998)	Optical Code Reader And Methods Andtherefor Mark S. Knighton
6290133 (09/099658)	US	9/18/2001 (6/17/1998)	Optical Code Reader And Methods And Articles Therefor Mark S. Knighton
6260760 (09/098764)	US	7/17/2001 (6/17/1998)	An Optical Code Reader Including Circuitry For Processing The Symbology Mark S Knighton
6315204 (09/099040)	US	11/13/2001 (6/17/1998)	An Optical Code Reader And Methods And Articles Therefor Mark S. Knighton
6138151 (08/938266)	US	10/24/2000 (9/26/1997)	Network Navigation Method For Printed Articles By Using Embedded Codes For Article- Associated Links Reber, William L.
(PCT/US2000/007316)	WO	(3/17/2000)	Network Navigation Methods, Systems, And Articles Using A Printed Publication Reber William L
(AU0040163/00)	AU	(3/17/2000)	Network Navigation Methods, Systems, And Articles Using A Printed Publication Reber William L
6032195 (09/127371)	US	2/29/2000 (7/31/1998)	Method, System, And Article For Navigating An Electronic Network And Performing A Task Using A Destination-Specific Software Agent William L. Reber
(PCT/US1999/011717)	WO	(5/27/1999)	Method, System, And Article For Navigating An Electronic Network And Performing A Task Reber William L

<u>Patent or Application No.</u>	<u>Country</u>	<u>Grant Date Filing Date</u>	<u>Title of Patent and First Named Inventor</u>
6119938 (09/098846)	US	9/19/2000 (6/17/1998)	Optical Code Reader Having A Controllable Amplifier And Methods Therefor David S. Agabra
6269174 (09/054784)	US	7/31/2001 (4/3/1998)	Apparatus And Method For Fast Motion Estimation Koba, Igor M.
(60/063536)	US	(10/28/1997)	Fast Motion Estimation Method And Apparatus Based On Multilevel Characteristic Tables Igor M. Koba
AU745078 (AU19980074866)	AU	6/27/2002 (5/14/1998)	Routing Information Within An Adaptive Routing Architecture Of An Information Retrieval System Anderson Dewey Charles
(BRPI9809884-5)	BR	(5/14/1998)	Routing Information Within An Adaptive Routing Architecture Of An Information Retrieval System Anderson Dewey Charles
(CA2290597)	CA	(5/14/1998)	Routing Information Within An Adaptive Routing Architecture Of An Information Retrieval System Anderson Dewey Charles
DE69841099.8 (DE69841099.8)	DE	8/26/2009 (5/14/1998)	Routing Information Within An Adaptive Routing Architecture Of An Information Retrieval System Anderson Dewey Charles
EP0985185 (EP98922280.7)	EP	8/26/2009 (5/14/1998)	Routing Information Within An Adaptive Routing Architecture Of An Information Retrieval System Anderson Dewey Charles
FR0985185 (FR98922280.7)	FR	8/26/2009 (5/14/1998)	Routing Information Within An Adaptive Routing Architecture Of An Information Retrieval System Anderson Dewey Charles
GB0985185 (GB98922280.7)	GB	8/26/2009 (5/14/1998)	Routing Information Within An Adaptive Routing Architecture Of An Information Retrieval System

<u>Patent or Application No.</u>	<u>Country</u>	<u>Grant Date Filing Date</u>	<u>Title of Patent and First Named Inventor</u>
			Anderson Dewey Charles
IL133182 (IL133182)	IL	2/25/2005 (5/14/1998)	Routing Information Within An Adaptive Routing Architecture Of An Information Retrieval System Anderson Dewey Charles
JP4316681 (JP11-500719)	JP	5/29/2009 (5/14/1998)	Routing Information Within An Adaptive Routing Architecture Of An Information Retrieval System Anderson Dewey Charles
MX213095 (MX9910972)	MX	3/5/2003 (5/14/1998)	Routing Information Within An Adaptive Routing Architecture Of An Information Retrieval System Anderson Dewey Charles
5937168 (08/866228)	US	8/10/1999 (5/30/1997)	Routing Information Within An Adaptive Routing Architecture Of An Information Retrieval System Dewey Charles & Anderson Roswe
6005860 (09/208198)	US	12/21/1999 (12/9/1998)	Routing Information Within An Adaptive Routing Architecture Of An Information Retrieval System Dewey Charles Anderson Roswell
(PCT/US1998/009833)	WO	(5/14/1998)	Routing Information Within An Adaptive Routing Architecture Of An Information Retrieval System Anderson Dewey Charles
(ARP980105021)	AR	(10/8/1998)	Method And System For Processing A Memory Map To Provide Listing Information Representing Data Within A Database Kreiner Barrett Morris
(AU19990013605)	AU	(10/13/1998)	A System And Method For Processing A Memory Map To Provide Listing Information Representing Data Within A Database Kreiner Barrett Morris
(CA2307325)	CA	(10/13/1998)	A System And Method For Processing A Memory Map To Provide Listing Information Representing Data Within A Database

<u>Patent or Application No.</u>	<u>Country</u>	<u>Grant Date Filing Date</u>	<u>Title of Patent and First Named Inventor</u>
			Kreiner Barrett Morris
(EP98957321.7)	EP	(10/13/1998)	A System And Method For Processing A Memory Map To Provide Listing Information Representing Data Within A Database Kreiner Barrett Morris
6295526 (08/949881)	US	9/25/2001 (10/14/1997)	Method And System For Processing A Memory Map To Provide Listing Information Representing Data Within A Database Barrett Morris Kreiner , Norcr
(VE1998-002241)	VE	(10/13/1998)	Method And System For Processing A Memory Map To Provide Listing Information Representing Data Within A Database Kreiner Barrett Morris
(PCT/US1998/021506)	WO	(10/13/1998)	A System And Method For Processing A Memory Map To Provide Listing Information Representing Data Within A Database Kreiner Barrett Morris
(CL2431-1998)	CL	(10/13/1998)	Method And System For Processing A Memory Map To Provide Listing Information Representing Data Within A Database Kreiner Barrett Morris
(AU19980071691)	AU	(4/29/1998)	Method For Voice Quality Improvement In A Wireless Transmission System Austin Mark David
6236855 (08/847064)	US	5/22/2001 (5/1/1997)	Method For Voice Quality Improvement In A Wireless Transmission System Mark David Austin
(PCT/US1998/008596)	WO	(4/29/1998)	Method For Voice Quality Improvement In A Wireless Transmission System Austin Mark David

<u>Patent or Application No.</u>	<u>Country</u>	<u>Grant Date Filing Date</u>	<u>Title of Patent and First Named Inventor</u>
(EP98918846.1)	EP	(4/29/1998)	Method For Voice Quality Improvement In A Wireless Transmission System Unable To Verify
(AU19980085855)	AU	(7/23/1998)	A System And Method For Wireless Broadcast On Shared Channels Zellner Samuel N
(CA2299444)	CA	(7/23/1998)	A System And Method For Wireless Broadcast On Shared Channels Zellner Samuel N
(CO98043555)	CO	(7/30/1998)	A System And Method For Wireless Broadcast On Shared Channels Zellner Samuel N
DE69811673.9 (DE69811673.9)	DE	2/26/2003 (7/23/1998)	A System And Method For Wireless Broadcast On Shared Channels Zellner Samuel N
DK1000515 (DK98937059.8)	DK	2/26/2003 (7/23/1998)	A System And Method For Wireless Broadcast On Shared Channels Zellner Samuel N
EP1000515 (EP98937059.8)	EP	2/26/2003 (7/23/1998)	A System And Method For Wireless Broadcast On Shared Channels Zellner Samuel N
PT1000515 (PT98937059.8)	PT	2/26/2003 (7/23/1998)	A System And Method For Wireless Broadcast On Shared Channels Zellner Samuel N
6026289 (08/902778)	US	2/15/2000 (7/30/1997)	System And Method For Wireless Broadcast On Shared Channels Samuel N. Zellner
(PCT/US1998/015346)	WO	(7/23/1998)	A System And Method For Wireless Broadcast On Shared Channels

<u>Patent or Application No.</u>	<u>Country</u>	<u>Grant Date Filing Date</u>	<u>Title of Patent and First Named Inventor</u>
			Zellner Samuel N
(BR9812112-0)	BR	(7/23/1998)	A System And Method For Wireless Broadcast On Shared Channels Zellner Samuel N
MX217991 (MXPA/a/2000/001125)	MX	12/8/2003 (7/23/1998)	A System And Method For Wireless Broadcast On Shared Channels Zellner Samuel N
(CL1809-1998)	CL	(7/29/1998)	System And Method For Wireless Broadcast On Shared Channels Zellner Samuel N
EC04-1782 (EC98-2609)	EC	6/21/2004 (7/30/1998)	A System And Method For Wireless Broadcast On Shared Channels Zellner Samuel N
AT233461 (AT98937059.8)	AT	2/26/2003 (7/23/1998)	System And Method For Wireless Broadcast On Shared Channels Zellner Samuel N
CH1000515 (CH98937059.8)	CH	2/26/2003 (7/23/1998)	A System And Method For Wireless Broadcast On Shared Channels Zellner Samuel N
BE1000515 (BE98937059.8)	BE	2/26/2003 (7/23/1998)	A System And Method For Wireless Broadcast On Shared Channels Zellner Samuel N
CY1000515 (CY98937059.8)	CY	2/26/2003 (7/23/1998)	A System And Method For Wireless Broadcast On Shared Channels Zellner Samuel N
FR1000515 (FR98937059.8)	FR	2/26/2003 (7/23/1998)	A System And Method For Wireless Broadcast On Shared Channels Zellner Samuel N

<u>Patent or Application No.</u>	<u>Country</u>	<u>Grant Date Filing Date</u>	<u>Title of Patent and First Named Inventor</u>
GR1000515 (GR98937059.8)	GR	2/26/2003 (7/23/1998)	A System And Method For Wireless Broadcast On Shared Channels Zellner Samuel N
IT1000515 (IT98937059.8)	IT	2/26/2003 (7/23/1998)	A System And Method For Wireless Broadcast On Shared Channels Zellner Samuel N
(VE1998-001688)	VE	(7/30/1998)	System And Method For Wireless Broadcast On Shared Channels Zellner Samuel N
ES1000515 (ES98937059.8)	ES	2/26/2003 (7/23/1998)	A System And Method For Wireless Broadcast On Shared Channels Zellner Samuel N
GB1000515 (GB98937059.8)	GB	2/26/2003 (7/23/1998)	A System And Method For Wireless Broadcast On Shared Channels Zellner Samuel N
NE1000515 (NE98937059.8)	NE	2/26/2003 (7/23/1998)	A System And Method For Wireless Broadcast On Shared Channels Zellner Samuel N
LU1000515 (LU98937059.8)	LU	2/26/2003 (7/23/1998)	A System And Method For Wireless Broadcast On Shared Channels Zellner Samuel N
FI1000515 (FI98937059.8)	FI	2/26/2003 (7/23/1998)	A System And Method For Wireless Broadcast On Shared Channels Zellner Samuel N
MC1000515 (MC98937059.8)	MC	2/26/2003 (7/23/1998)	A System And Method For Wireless Broadcast On Shared Channels Zellner Samuel N
IE1000515 (IE98937059.8)	IE	2/26/2003 (7/23/1998)	A System And Method For Wireless Broadcast On Shared Channels

<u>Patent or Application No.</u>	<u>Country</u>	<u>Grant Date Filing Date</u>	<u>Title of Patent and First Named Inventor</u>
			Zellner Samuel N
SE1000515 (SE98937059.8)	SE	2/26/2003 (7/23/1998)	A System And Method For Wireless Broadcast On Shared Channels Zellner Samuel N
NL1000515 (NL98937059.8)	NL	2/26/2003 (7/23/1998)	A System And Method For Wireless Broadcast On Shared Channels Zellner Samuel N
(ARP980103708)	AR	(7/29/1998)	System And Method For Wireless Broadcast On Shared Channels Zellner Samuel N
(UY35119)	UY	(7/31/1998)	System And Method For Wireless Broadcast On Shared Channels Zellner Samuel N
5854836 (08/738009)	US	12/29/1998 (10/25/1996)	Method And System For Utilizing An Information Delivery Service In A Local Number Portability Prasad V. Nimmagadda
(PCT/US1997/019289)	WO	(10/24/1997)	Method And System For Utilizing An Information Delivery Service In A Local Number Portability Environment Nimmagadda Prasad V
(EP97912914.5)	EP	(10/24/1997)	Method And System For Utilizing An Information Delivery Service In A Local Number Portability Environment Nimmagadda Prasad V
AU717676 (AU49984)	AU	3/30/2000 (10/24/1997)	Method And System For Utilizing An Information Delivery Service In A Local Number Portability Environment Nimmagadda Prasad V
(DE19782067.0)	DE	(10/24/1997)	Method And System For Utilizing An Information Delivery Service In A Local Number Portability Environment

<u>Patent or Application No.</u>	<u>Country</u>	<u>Grant Date Filing Date</u>	<u>Title of Patent and First Named Inventor</u>
			Nimmagadda Prasad V
6661785 (09/416054)	US	12/9/2003 (10/12/1999)	Method And Appatatus For Providing Internet Call Waiting With Voice Over Internet Protocol Li Zhang
7342919 (10/703531)	US	3/11/2008 (11/10/2003)	Method And Apparatus For Providing Internet Call Waiting With Voice Over Internet Protocol Zhang, Li
6771761 (09/473674)	US	8/3/2004 (12/29/1999)	System And Method For Calle-Selectable Call Routing From A Single Telephone Number Steven R. Lapierre
(BR1999PI14770)	BR	(10/6/1999)	Adaptive Communication System Enabling Dissimilar Devices To Exchange Information Over A Network Zuili
(JP2000-575258)	JP	(10/6/1999)	Adaptive Communication System Enabling Dissimilar Devices To Exchange Information Over A Network Zuili
(NO20010001751)	NO	(10/6/1999)	Adaptive Communication System Enabling Dissimilar Devices To Exchange Information Over A Network Zuili
(CA2346093)	CA	(10/6/1999)	Adaptive Communication System Enabling Dissimilar Devices To Exchange Information Over A Network Zuili
(EP99950177.8)	EP	(10/6/1999)	Adaptive Communication System Enabling Dissimilar Devices To Exchange Information Over A Network Zuili

<u>Patent or Application No.</u>	<u>Country</u>	<u>Grant Date Filing Date</u>	<u>Title of Patent and First Named Inventor</u>
6145084 (09/168531)	US	11/7/2000 (10/8/1998)	Adaptive Communication System Enabling Dissimilar Devices To Exchange Information Over A Network Zuili, Patrick
(PCT/US1999/023141)	WO	(10/6/1999)	Adaptive Communication System Enabling Dissimilar Devices To Exchange Information Over A Network Zuili
(AU19990062888)	AU	(10/6/1999)	Adaptive Communication System Enabling Dissimilar Devices To Exchange Information Over A Network Zuili
(IL142360)	IL	(10/6/1999)	Adaptive Communication System Enabling Dissimilar Devices To Exchange Information Over A Network Zuili, Patrick
(CA2090219)	CA	(8/19/1992)	Photographic Products And Processes Jandrue Charles E Sr
DE69224281.3 (DE69224281.3)	DE	1/28/1998 (8/19/1992)	Photographic Products And Processes Jandrue Charles
EP0553346 (EP92919934.7)	EP	1/28/1998 (8/19/1992)	Photographic Products And Processes Jandrue Charles E Sr
JP2866738 (JP05-504654)	JP	12/18/1998 (8/19/1992)	Photographic Products And Processes Kampe, Marcis, M.
5244771 (07/747807)	US	9/14/1993 (8/20/1991)	Photographic Products And Processes Charles E. Jandrue
5294375 (07/747643)	US	3/15/1994 (8/20/1991)	Thermochromic Materials Kampe, Marcis M.

<u>Patent or Application No.</u>	<u>Country</u>	<u>Grant Date Filing Date</u>	<u>Title of Patent and First Named Inventor</u>
6103912 (08/040844)	US	8/15/2000 (3/31/1993)	Photographic Products And Processes Charles E. Jandrue
(PCT/US1992/007182)	WO	(8/19/1992)	Photographic Products And Processes Jandrue Charles E Sr
FR0553346 (FR92919934.7)	FR	1/28/1998 (8/19/1992)	Photographic Products And Processes Jandrue Charles E Sr
GB0553346 (GB92919934.7)	GB	1/28/1998 (8/19/1992)	Photographic Products And Processes Jandrue Charles E Sr
NL0553346 (NL92919934.7)	NL	1/28/1998 (8/19/1992)	Photographic Products And Processes Jandrue Charles E Sr
5442443 (08/044396)	US	8/15/1995 (4/8/1993)	Stereoscopic Photon Tunneling Microscope John M. Guerra
6014166 (08/395094)	US	1/11/2000 (2/27/1995)	Stereoscopic Photon Tunneling Microscope Guerra, John M.
(CA2252462)	CA	(2/11/1998)	Transmission Holographic Diffuser Made And Used To Effect Lateral Color Constancy In Rear Screen Projection Display Systems Wenyon Michael M
(EP98907562.7)	EP	(2/11/1998)	Transmission Holographic Diffuser Made And Used To Effect Lateral Color Constancy In Rear Screen Projection Display Systems Wenyon Michael M
(JP10-537733)	JP	(2/11/1998)	Transmission Holographic Diffuser Made And Used To Effect Lateral Color Constancy In Rear Screen Projection Display Systems Wenyon, Michael, M.

<u>Patent or Application No.</u>	<u>Country</u>	<u>Grant Date Filing Date</u>	<u>Title of Patent and First Named Inventor</u>
5796499 (08/808319)	US	8/18/1998 (2/28/1997)	Transmission Holographic Diffuser Made And Used To Effect Lateral Color Constancy In Rear Screen Projection Display Systems Michael M. Wenyon
5999281 (09/145480)	US	12/7/1999 (9/2/1998)	Holographic Projection Screw Combining An Elliptical Holographic Diffuser And A Cylindrical Light-Collimator Abbott, Lynore M.
(PCT/US1998/003386)	WO	(2/11/1998)	Transmission Holographic Diffuser Made And Used To Effect Lateral Color Constancy In Rear Screen Projection Display Systems Wenyon Michael M
(09/073518)	US	(5/6/1998)	Transmissions Holographic Diffuser Made And Used To Effect Lateral Color Constancy In Rear Screen Projection Display Systems Michael M. Wenyon
(CA2213319)	CA	(3/6/1997)	High-Efficiency Reflective Holographic Difuser And Method For Making Thereof Waldman David A
EP0826160 (EP97915913.4)	EP	6/20/2001 (3/6/1997)	High-Efficiency Reflective Holographic Difuser And Method For Making Thereof Waldman David A
JP4068147 (JP09-532783)	JP	1/18/2008 (3/6/1997)	High-Efficiency Reflective Holographic Diffuser And Method For Making Thereof Waldman, David, A.
5721630 (08/614035)	US	2/24/1998 (3/12/1996)	High-Efficiency Reflective Holographic Difuser And Method For Making Thereof Horner, M. Glenn
(PCT/US1997/003841)	WO	(3/6/1997)	High-Efficiency Reflective Holographic Difuser And Method For Making Thereof Waldman David A

<u>Patent or Application No.</u>	<u>Country</u>	<u>Grant Date Filing Date</u>	<u>Title of Patent and First Named Inventor</u>
NL0826160 (NL97915913.4)	NL	6/20/2001 (3/6/1997)	High-Efficiency Reflective Holographic Difuser And Method For Making Thereof Waldman David A
FR0826160 (FR97915913.4)	FR	6/20/2001 (3/6/1997)	High-Efficiency Reflective Holographic Difuser And Method For Making Thereof Waldman David A
DE69705272.9 (DE69705272.9)	DE	6/20/2001 (3/6/1997)	High-Efficiency Reflective Holographic Difuser And Method For Making Thereof Waldman A
GB0826160 (GB97915913.4)	GB	6/20/2001 (3/6/1997)	High-Efficiency Reflective Holographic Difuser And Method For Making Thereof Waldman David A
DE69732422.2 (DE69732422.2)	DE	2/2/2005 (10/29/1997)	Dual Exposure Photographic Apparatus And Method Farrington L
DE69732914.3 (DE69732914.3)	DE	3/30/2005 (10/29/1997)	Photographic Apparatus And Method Norris R
EP0935777 (EP97913789.0)	EP	2/2/2005 (10/29/1997)	Dual Exposure Photographic Apparatus And Method Farrington David L
EP0935776 (EP97913788.2)	EP	3/30/2005 (10/29/1997)	Photographic Apparatus And Method Norris Philip R
(EP99905679.9)	EP	(2/2/1999)	Improvements In Cameras Kurokawa Toshiharu
(EP99972314.1)	EP	(11/9/1999)	Imaging Apparatus And Method Norris Philip R
(EP99966023.6)	EP	(12/6/1999)	Imaging Apparatus And Method Of Handling Film

<u>Patent or Application No.</u>	<u>Country</u>	<u>Grant Date Filing Date</u>	<u>Title of Patent and First Named Inventor</u>
			Norris Philip R
(JP10-520656)	JP	10/29/1997)	Dual Exposure Photographic Apparatus And Method Farrington, David, L.
(JP2000-530834)	JP	(2/2/1999)	Improvements In Cameras Kurokawa, Toshiharu
(JP2000-582850)	JP	(11/9/1999)	Imaging Apparatus And Method Norris Philip R
(JP2000-591473)	JP	(12/6/1999)	Imaging Apparatus And Method Of Handling Film Norris Philip R
5838999 (08/738772)	US	11/17/1998 (10/29/1996)	Dual Exposure Photographic Apparatus And Method Norris, Philip R.
6055380 (09/219203)	US	4/25/2000 (12/22/1998)	Cameras Kurokawa, Toshiharu
5870633 (08/808040)	US	2/9/1999 (3/4/1997)	Photographic Apparatus And Method Philip R. Norris
6009277 (09/219556)	US	12/28/1999 (12/23/1998)	Imaging Apparatus And Method Of Handling Film Norris, Philip R.
5943511 (08/918717)	US	8/24/1999 (8/22/1997)	Dual Exposure Photographic Apparatus And Method David L. Farrington
6078750 (09/018752)	US	6/20/2000 (2/4/1998)	Dual Exposure Photographic Apparatus And Method Of Operating Same Norris, Philip R.

<u>Patent or Application No.</u>	<u>Country</u>	<u>Grant Date Filing Date</u>	<u>Title of Patent and First Named Inventor</u>
6205294 (09/191583)	US	3/20/2001 (11/13/1998)	Imaging Apparatus And Method Philip R. Norris
6173126 (09/431432)	US	1/9/2001 (11/1/1999)	Camera Toshiharu Kurokawa
(PCT/US1997/019398)	WO	(10/29/1997)	Dual Exposure Photographic Apparatus And Method Farrington David L
(PCT/US1997/019397)	WO	(10/29/1997)	Photographic Apparatus And Method Norris Philip R
(PCT/US1999/002315)	WO	(2/2/1999)	Improvements In Cameras Kurokawa Toshiharu
(PCT/US1999/026363)	WO	(11/9/1999)	Imaging Apparatus And Method Norris Philip R
(PCT/US1999/028907)	WO	(12/6/1999)	Imaging Apparatus And Method Of Handling Film Norris Philip R
FR0935777 (FR97913789.0)	FR	2/2/2005 (10/29/1997)	Dual Exposure Photographic Apparatus And Method Farrington David L
GB0935776 (GB97913788.2)	GB	3/30/2005 (10/29/1997)	Photographic Apparatus And Method Norris Philip R
GB0935777 (GB97913789.0)	GB	2/2/2005 (10/29/1997)	Dual Exposure Photographic Apparatus And Method Farrington David L
FR0935776 (FR97913788.2)	FR	3/30/2005 (10/29/1997)	Photographic Apparatus And Method Norris Philip R

<u>Patent or Application No.</u>	<u>Country</u>	<u>Grant Date Filing Date</u>	<u>Title of Patent and First Named Inventor</u>
HK1024752 (HK00101002.4)	HK	1/20/2006 (10/29/1997)	Photographic Apparatus And Method Norris Philip R
NL0935777 (NL97913789.0)	NL	2/2/2005 (10/29/1997)	Dual Exposure Photographic Apparatus And Method Farrington David L
NL0935776 (NL97913788.2)	NL	3/30/2005 (10/29/1997)	Photographic Apparatus And Method Norris Philip R
5848316 (08/829914)	US	12/8/1998 (3/27/1997)	Method And Apparatus For Extracting Material From A Dispenser Arthur H. Clough
(PCT/US1998/005999)	WO	(3/26/1998)	Method And Apparatus For Extracting Material From A Dispenser Clough Arthur H
(60/073735)	US	(2/5/1998)	Improvements In Cameras Unable To Verify
6072901 (08/866918)	US	6/6/2000 (5/30/1997)	System And Method For Deriving An Invertible Relationship Between Color Spaces Where The Intrinsic Mapping Is One-To-Many For Use In A Color Profile Production System Balonon-Rosen, Mitchell R.
(CA2226838)	CA	(5/14/1997)	Photographic System Filosa Michael P
(EP97924681.6)	EP	(5/14/1997)	Photographic System Filosa Michael P
JP3144691 (JP09-541024)	JP	1/5/2001 (5/14/1997)	Photographic System Filosa, Michael, P.

<u>Patent or Application No.</u>	<u>Country</u>	<u>Grant Date Filing Date</u>	<u>Title of Patent and First Named Inventor</u>
5604079 (08/648203)	US	2/18/1997 (5/14/1996)	Photographic System Filosa, Michael P.
(PCT/US1997/008021)	WO	(5/14/1997)	Photographic System Filosa Michael P
EP0898735 (EP97925537.9)	EP	6/23/2004 (5/13/1997)	Holographic Medium And Process Dhal Pradeep K
JP3727070 (JP09-542488)	JP	10/7/2005 (5/13/1997)	Holographic Medium And Process Dhal, Pradeep, K.
6489065 (08/649823)	US	12/3/2002 (5/17/1996)	Holographic Medium And Process For Use Thereof Pradeep K. Dhal
(PCT/US1997/008046)	WO	(5/13/1997)	Holographic Medium And Process For Use Thereof Dhal Pradeep K
FR0898735 (FR97925537.9)	FR	6/23/2004 (5/13/1997)	Holographic Medium And Process Dhal Pradeep K
DE69729637.7 (DE69729637.7)	DE	6/23/2004 (5/13/1997)	Holographic Medium And Process Dhal K
GB0898735 (GB97925537.9)	GB	6/23/2004 (5/13/1997)	Holographic Medium And Process Dhal Pradeep K
EP0879530 (EP97905847.6)	EP	5/30/2007 (2/6/1997)	Current-Mediated Active-Pixel Image Sensing Device With Current Reset Mcgrath R Daniel
JP4025837 (JP09-528690)	JP	10/19/2007 (2/6/1997)	Current-Mediated Active-Pixel Image Sensing Device With Current Reset Mcgrath, R., Daniel

<u>Patent or Application No.</u>	<u>Country</u>	<u>Grant Date Filing Date</u>	<u>Title of Patent and First Named Inventor</u>
5923794 (08/595981)	US	7/13/1999 (2/6/1996)	Current-Mediated Active-Pixel Image Sensing Device With Current Reset R. Daniel Mcgrath
(PCT/US1997/002000)	WO	(2/6/1997)	Current-Mediated Active-Pixel Image Sensing Device With Current Reset Mcgrath R Daniel
DE69737764.4 (DE69737764.4)	DE	5/30/2007 (2/6/1997)	Current-Mediated Active-Pixel Image Sensing Device With Current Reset Mcgrath R Daniel
FR0879530 (FR97905847.6)	FR	5/30/2007 (2/6/1997)	Current-Mediated Active-Pixel Image Sensing Device With Current Reset Mcgrath R Daniel
GB0879530 (GB97905847.6)	GB	5/30/2007 (2/6/1997)	Current-Mediated Active-Pixel Image Sensing Device With Current Reset Mcgrath R Daniel
EP0886807 (EP97908859.8)	EP	1/12/2000 (3/4/1997)	Color Filter Chiulli Carl A
JP4363599 (JP09-532660)	JP	8/28/2009 (3/4/1997)	Color Filter Chiulli, Carl, A.
5667920 (08/613849)	US	9/16/1997 (3/11/1996)	Process For Preparing A Color Filter Chiulli, Carl A.
(PCT/US1997/003375)	WO	(3/4/1997)	Color Filter Chiulli Carl A
DE69701131.3 (DE69701131.3)	DE	1/12/2000 (3/4/1997)	Color Filter Chiulli A
FR0886807 (FR97908859.8)	FR	1/12/2000 (3/4/1997)	Color Filter Chiulli Carl A

<u>Patent or Application No.</u>	<u>Country</u>	<u>Grant Date Filing Date</u>	<u>Title of Patent and First Named Inventor</u>
GB0886807 (GB97908859.8)	GB	1/12/2000 (3/4/1997)	Color Filter Chiulli Carl A
IT0886807 (IT97908859.8)	IT	1/12/2000 (3/4/1997)	Color Filter Chiulli Carl A
NL0886807 (NL97908859.8)	NL	1/12/2000 (3/4/1997)	Color Filter Chiulli Carl A
DE69721245.9 (DE69721245.9)	DE	4/23/2003 (3/14/1997)	Electronic Still Camera Having Mechanically Moveable Ccd To Effect Focus Ernest W
EP0895613 (EP97915049.7)	EP	4/23/2003 (3/14/1997)	Electronic Still Camera Having Mechanically Moveable Ccd To Effect Focus Ernest Paul W
5969760 (08/615142)	US	10/19/1999 (3/14/1996)	Electronic Still Camera Having Mechanically Adjustable Ccd To Effect Focus Ernest, Paul W.
(PCT/US1997/003946)	WO	(3/14/1997)	Electronic Still Camera Having Mechanically Adjustable Ccd To Effect Focus Ernest Paul W
GB0895613 (GB97915049.7)	GB	4/23/2003 (3/14/1997)	Electronic Still Camera Having Mechanically Moveable Ccd To Affect Focus Ernest Paul W
FR0895613 (FR97915049.7)	FR	4/23/2003 (3/14/1997)	Electronic Still Camera Having Mechanically Moveable Ccd To Affect Focus Ernest Paul W
NL0895613 (NL97915049.7)	NL	4/23/2003 (3/14/1997)	Electronic Still Camera Having Mechanically Moveable Ccd To Effect Focus Ernest Paul W

<u>Patent or Application No.</u>	<u>Country</u>	<u>Grant Date Filing Date</u>	<u>Title of Patent and First Named Inventor</u>
EP0870396 (EP97907888.8)	EP	9/17/2003 (2/27/1997)	System And Method For Color Gamut And Tone Compression Using An Ideal Mapping Function Hultgren Bror O Iii
5809164 (08/612123)	US	9/15/1998 (3/7/1996)	System And Method For Color Gamut And Tone Compression Using An Ideal Mapping Function Hultgren Iii, Bror O.
(PCT/US1997/003032)	WO	(2/27/1997)	System And Method For Color Gamut And Tone Compression Using An Ideal Mapping Function Hultgren Bror O Iii
FR0870396 (FR97907888.8)	FR	9/17/2003 (2/27/1997)	System And Method For Color Gamut And Tone Compression Using An Ideal Mapping Function Hultgren Bror O Iii
DE69724933.6 (DE69724933.6)	DE	9/17/2003 (2/27/1997)	System And Method For Color Gamut And Tone Compression Using An Ideal Mapping Function Hultgren O
GB0870396 (GB97907888.8)	GB	9/17/2003 (2/27/1997)	System And Method For Color Gamut And Tone Compression Using An Ideal Mapping Function Hultgren Bror O Iii
(CA2226836)	CA	(5/14/1997)	Diffusion Transfer Film Unit Lindholm Edward P
(EP97924691.5)	EP	(5/14/1997)	Diffusion Transfer Film Unit Lindholm Edward P
JP3226285 (JP09-541038)	JP	8/31/2001 (5/14/1997)	Diffusion Transfer Film Unit Lindholm, Edward, P.
5593810 (08/645803)	US	1/14/1997 (5/14/1996)	Diffusion Transfer Film Unit Edward P. Lindholm

<u>Patent or Application No.</u>	<u>Country</u>	<u>Grant Date Filing Date</u>	<u>Title of Patent and First Named Inventor</u>
(PCT/US1997/008047)	WO	(5/14/1997)	Diffusion Transfer Film Unit Lindholm Edward P
(CA2237981)	CA	(9/17/1997)	Image-Recording Materials Viski Peter
DE69702334.6 (DE69702334.6)	DE	6/21/2000 (9/17/1997)	Image-Recording Materials Arnost J
EP0861456 (EP97941695.5)	EP	6/21/2000 (9/17/1997)	Image-Recording Materials Arnost Michael J
JP3150346 (JP10-514887)	JP	1/19/2001 (9/17/1997)	Image-Recording Materials Arnost, Michael, J.
5716754 (08/715451)	US	2/10/1998 (9/18/1996)	Image-Recording Materials Michael J. Arnost
5811530 (08/915410)	US	9/22/1998 (8/20/1997)	Image-Recording Materials Michael J. Arnost
(PCT/US1997/016611)	WO	(9/17/1997)	Image-Recording Materials Arnost Michael J
GB0861456 (GB97941695.5)	GB	6/21/2000 (9/17/1997)	Image-Recording Materials Arnost Michael J
DE69733882.7 (DE69733882.7)	DE	8/3/2005 (3/14/1997)	Single Sensor Color Camera Juenger Andrew K
EP0886975 (EP97915952.2)	EP	8/3/2005 (3/14/1997)	Single Sensor Color Camera Juenger Andrew K
JP4563514 (JP09-532852)	JP	8/6/2010 (3/14/1997)	Single Sensor Color Camera Juenger Andrew K

<u>Patent or Application No.</u>	<u>Country</u>	<u>Grant Date Filing Date</u>	<u>Title of Patent and First Named Inventor</u>
5778106 (08/615899)	US	7/7/1998 (3/14/1996)	Electronic Camera With Reduced Color Artifacts Juenger, Andrew K.
(PCT/US1997/004008)	WO	(3/14/1997)	Single Sensor Color Camera Juenger, Andrew K.
GB0886975 (GB97915952.2)	GB	8/3/2005 (3/14/1997)	Single Sensor Color Camera Juenger Andrew K
FR0886975 (FR97915952.2)	FR	8/3/2005 (3/14/1997)	Single Sensor Color Camera Juenger Andrew K
5828908 (08/932783)	US	10/27/1998 (9/18/1997)	Photo Cabin Donald E. Mauchan
(AU0025942/97)	AU	(3/27/1997)	Pre-Loaded Single-Use Instant Camera And Manual Film-Advancement And Pressure Processing Means Useful Therefor Douglas Lawrence M
(CA2244890)	CA	(3/27/1997)	Pre-Loaded Single-Use Instant Camera And Manual Film-Advancement And Pressure Processing Means Useful Therefor Douglas Lawrence M
(CN97193356.1)	CN	(3/27/1997)	Preloaded Single-Use Instant Camera Douglas Lawrence M.
(EP97917680.7)	EP	(3/27/1997)	Pre-Loaded Single-Use Instant Camera And Manual Film-Advancement And Pressure Processing Means Useful Therefor Douglas Lawrence M
(JP09-534649)	JP	(3/27/1997)	Preloaded Single-Use Instant Camera Douglas, Lawrence, M.

<u>Patent or Application No.</u>	<u>Country</u>	<u>Grant Date Filing Date</u>	<u>Title of Patent and First Named Inventor</u>
5838997 (08/826237)	US	11/17/1998 (3/27/1997)	Preloaded Single-Use Instant Camera Douglas, Lawrence M.
6006036 (09/145995)	US	12/21/1999 (9/2/1998)	Preloaded Single-Use Instant Camera Douglas, Lawrence M.
(60/014263)	US	(3/28/1996)	Pre-Loaded Single-Use Instant Camera And Manual Film-Advancement And Pressure Processing Means Useful Therefor Lawrence M. Douglas
(PCT/US1997/005083)	WO	(3/27/1997)	Pre-Loaded Single-Use Instant Camera And Manual Film-Advancement And Pressure Processing Means Useful Therefor Douglas Lawrence M
DE69731098.1 (DE69731098.1)	DE	10/6/2004 (8/28/1997)	Optical System For A Printer Johnson K
EP0922242 (EP97939463.2)	EP	10/6/2004 (8/28/1997)	Optical System For A Printer Johnson Bruce K
(EP98947063.3)	EP	(9/16/1998)	Optical System For Use In A Photographic Printer Johnson Bruce K
JP4193950 (JP10-511725)	JP	10/3/2008 (8/28/1997)	Optical System For A Line Scanner Or Printer Johnson, Bruce, K.
(JP2000-512104)	JP	(9/16/1998)	Optical System For A Line Scanner Or Printer Johnson, Bruce, K.
5864390 (08/703985)	US	1/26/1999 (8/28/1996)	Optical System For Use In A Photographic Image Bruce K. Johnson
6400442 (08/929972)	US	6/4/2002 (9/16/1997)	Optical System For Use In A Photographic Printer Bruce K. Johnson, Philip D. Ch

<u>Patent or Application No.</u>	<u>Country</u>	<u>Grant Date Filing Date</u>	<u>Title of Patent and First Named Inventor</u>
(PCT/US1997/014646)	WO	(8/28/1997)	Optical System For Use In A Photographic Image Johnson Bruce K
(PCT/US1998/019306)	WO	(9/16/1998)	Optical System For Use In A Photographic Printer Johnson Bruce K
FR0922242 (FR97939463.2)	FR	10/6/2004 (8/28/1997)	Optical System For A Printer Johnson Bruce K
GB0922242 (GB97939463.2)	GB	10/6/2004 (8/28/1997)	Optical System For A Printer Johnson Bruce K
DE69830002.5 (DE69830002.5)	DE	4/27/2005 (12/8/1998)	Photographic Processing Composition And Diffusion Transfer Photographic Film Unit Hasan B
EP1044395 (EP98961982.0)	EP	4/27/2005 (12/8/1998)	Photographic Processing Composition And Diffusion Transfer Photographic Film Unit Hasan Fariza B
JP3228925 (JP2000-525788)	JP	9/7/2001 (12/8/1998)	Photographic Processing Composition And Diffusion Transfer Photographic Film Unit Hasan, Fariza, B.
6001531 (09/188042)	US	12/14/1999 (11/6/1998)	Photographic Processing Composition And Film Unit Hasan, Fariza B.
(PCT/US1998/025999)	WO	(12/8/1998)	Photographic Processing Composition And Film Unit Hasan Fariza B
(08/997217)	US	(12/23/1997)	Photographic Processing Composition Fariza B. Hasan
GB1044395 (GB98961982.0)	GB	4/27/2005 (12/8/1998)	Photographic Processing Composition And Diffusion Transfer Photographic Film Unit

<u>Patent or Application No.</u>	<u>Country</u>	<u>Grant Date Filing Date</u>	<u>Title of Patent and First Named Inventor</u>
			Hasan Fariza B
NL1044395 (NL98961982.0)	NL	4/27/2005 (12/8/1998)	Photographic Processing Composition And Diffusion Transfer Photographic Film Unit Hasan Fariza B
(EP98935913.8)	EP	(7/24/1998)	Focal Plane Exposure Control System For Cmos Area Image Sensors Clark Vincent S
JP4272346 (JP2000-504704)	JP	3/6/2009 (7/24/1998)	Focal Plane Exposure Control System For Cmos Area Image Sensors Clark, Vincent, S.
6515701 (08/899560)	US	2/4/2003 (7/24/1997)	Focal Plane Exposure Control System For Cmos Area Image Sensors Clark, Vincent S.
(PCT/US1998/015144)	WO	(7/24/1998)	Focal Plane Exposure Control System For Cmos Area Image Sensors Clark Vincent S
5950020 (09/008644)	US	9/7/1999 (1/16/1998)	Folding Photographic Method And Apparatus Alan D. Ball
(60/037649)	US	(1/22/1997)	Folding Photographic Appartus And Method Alan D. Ball
6104533 (09/154116)	US	8/15/2000 (9/16/1998)	Viewfinder With Diffractive Optical Element Clark, Peter P.
(PCT/US1999/021303)	WO	(9/15/1999)	Viewfinder With Diffractive Optical Element Clark Peter P
5919608 (08/960162)	US	7/6/1999 (10/29/1997)	Medium And Process For Generating Acid Using Sensitizing Dye And Supersensitizer M. Serajul Haque

<u>Patent or Application No.</u>	<u>Country</u>	<u>Grant Date Filing Date</u>	<u>Title of Patent and First Named Inventor</u>
6055374 (09/174779)	US	4/25/2000 (10/19/1998)	Folding Camera Douglas, Lawrence M.
(EP98939364.0)	EP	(8/13/1998)	Folding Photographic Apparatus Douglas Lawrence M
(JP2000-510060)	JP	(8/13/1998)	Photographic Apparatus Douglas, Lawrence, M.
5946502 (09/133662)	US	8/31/1999 (8/12/1998)	Photographic Apparatus Lawrence M. Douglas
(60/055661)	US	(8/13/1997)	Folding Photographic Apparatus Lawrence M. Douglas
(PCT/US1998/016740)	WO	(8/13/1998)	Folding Photographic Apparatus Douglas Lawrence M
(EP98952172.9)	EP	(11/9/1998)	Image Noise Reduction System Using A Dct Pyramid Wober Munib A
5887084 (08/966140)	US	3/23/1999 (11/7/1997)	Structuring A Digital Image Into A Dct Pyramid Image Representation Munib A. Wober
(PCT/US1998/021244)	WO	(11/9/1998)	Image Noise Reduction System Using A Dct Pyramid Wober Munib A
(EP98117743.9)	EP	(9/19/1998)	Diffusion Transfer Photosensitive Film Unit For Silver Transfer Image CORDEN BARRY B
JP3071179 (JP10-295852)	JP	5/26/2000 (10/16/1998)	Diffusion Transfer Photosensitive Film Unit For Silver Transferred Image Corden Barry B

<u>Patent or Application No.</u>	<u>Country</u>	<u>Grant Date Filing Date</u>	<u>Title of Patent and First Named Inventor</u>
5858608 (08/953867)	US	1/12/1999 (10/16/1997)	Diffusion Transfer Photosensitive Film Unit For Silver Transfer Image Barry B. Corden
(EP98946080.3)	EP	(9/16/1998)	Apparatus For Reducing Linear Artifacts In An Optically-Printed Image Chapnik Philip D
(JP2000-511642)	JP	(9/16/1998)	Apparatus For Reducing Linear Artifacts In An Optically-Printed Image Chapnik, Philip, D.
5982529 (08/931732)	US	11/9/1999 (9/16/1997)	Apparatus For Reducing Linear Artifacts In An Optically-Printed Image Chapnik, Philip D.
(PCT/US1998/019301)	WO	(9/16/1998)	Apparatus For Reducing Linear Artifacts In An Optically-Printed Image Chapnik Philip D
6154598 (08/995445)	US	11/28/2000 (12/22/1997)	Laser Composition For Preventing Photo-Induced Damage Pavle Gavrilovic
5958525 (08/996808)	US	9/28/1999 (12/23/1997)	Device And Kit Sarah E. Grenn
(EP98946085.2)	EP	(9/16/1998)	Optical System For Transmitting A Graphical Image Chapnik Philip D
(JP2000-512347)	JP	(9/16/1998)	Optical System For Transmitting A Graphical Image Chapnik, Philip, D.
6014202 (08/931571)	US	1/11/2000 (9/16/1997)	Optical System For Transmitting A Graphical Image Chapnik, Philip D.

<u>Patent or Application No.</u>	<u>Country</u>	<u>Grant Date Filing Date</u>	<u>Title of Patent and First Named Inventor</u>
(PCT/US1998/019308)	WO	(9/16/1998)	Optical System For Transmitting A Graphical Image Chapnik Philip D
(09/409795)	US	(9/30/1999)	OPTICAL SYSTEM FOR TRANSMITTING A GRAPHICAL IMAGE Unable To Verify
(EP98946082.9)	EP	(9/16/1998)	Light-Emitting Diode Having Uniform Irradiance Distribution Chapnik Philip D
(JP2000-512251)	JP	(9/16/1998)	Light-Emitting Diode Chapnik, Philip, D.
5990498 (08/931252)	US	11/23/1999 (9/16/1997)	Light-Emitting Diode Having Uniform Irradiance Distribution Chapnik, Philip D.
(PCT/US1998/019304)	WO	(9/16/1998)	Light-Emitting Diode Having Uniform Irradiance Distribution Chapnik Philip D
(EP98946083.7)	EP	(9/16/1998)	Retractable Print Medium Tray For Use In An Optical Printer Bruce K. Johnson
(JP2000-511643)	JP	(9/16/1998)	Retractable Print Medium Tray For Use In An Optical Printer Bruce K. Johnson
6046815 (08/931351)	US	4/4/2000 (9/16/1997)	Retractable Print Medium Tray For Use In An Optical Printer Johnson, Bruce K.
(PCT/US1998/019305)	WO	(9/16/1998)	Retractable Print Medium Tray For Use In An Optical Printer Bruce K. Johnson

<u>Patent or Application No.</u>	<u>Country</u>	<u>Grant Date Filing Date</u>	<u>Title of Patent and First Named Inventor</u>
6008907 (08/950580)	US	12/28/1999 (10/15/1997)	Printer Calibration Vigneau, Michael J.
(PCT/US1998/020969)	WO	(10/6/1998)	Printer Calibration Vigneau Michael J
5666197 (08/701173)	US	9/9/1997 (8/21/1996)	Apparatus And Methods Employing Employing Phase Control And Analysis Of Evanescent Illumination For Imaging And Metrology Of Subwavelength Lateral Surface Topography John M. Guerra
DE69722008.7 (DE69722008.7)	DE	5/14/2003 (8/21/1997)	Phase Controlled Evanescent Field Systems And Methods For Optical Recording And Retrieval Guerra M
DE69803604.2 (DE69803604.2)	DE	1/23/2002 (11/18/1998)	Optical Recording Systems And Media With Integral Near-Field Optics Guerra M
EP0920696 (EP97938524.2)	EP	5/14/2003 (8/21/1997)	Phase Controlled Evanescent Field Systems And Methods For Optical Recording And Retrieval Guerra John M
EP1032937 (EP98958658.1)	EP	1/23/2002 (11/18/1998)	Optical Recording Systems And Media With Integral Near-Field Optics Guerra John M
(JP10-510998)	JP	(8/21/1997)	Phase-Controlled Evanescent Field Systems And Methods Guerra, John, M.
JP4988985 (JP2000-521518)	JP	5/11/2012 (11/18/1998)	Optical Recording Systems And Media With Integral Near-Field Optics Guerra, John, M.
5754514 (08/728262)	US	5/19/1998 (10/8/1996)	Phase Controlled Evanescent Field Systems And Methods For Optical Recording And Retrieval

<u>Patent or Application No.</u>	<u>Country</u>	<u>Grant Date Filing Date</u>	<u>Title of Patent and First Named Inventor</u>
			Guerra, John M.
6094413 (09/225844)	US	7/25/2000 (12/31/1998)	Optical Recording Systems Guerra, John M.
(09/843290)	US	(4/25/2001)	Information Storage Systems Utilizing Media With Optically-Differentiated Data Sites John Guerra
5910940 (08/972778)	US	6/8/1999 (11/18/1997)	Storage Medium Having A Layer Of Micro- Optical Lenses Each Lens Generating An Evanescent Field John M. Guerra
(PCT/US1997/014791)	WO	(8/21/1997)	Phase Controlled Evanescent Field Systems And Methods For Optical Recording And Retrieval Guerra John M
(PCT/US1998/024755)	WO	(11/18/1998)	Optical Recording Systems And Media With Integral Near-Field Optics Guerra John M
FR0920696 (FR97938524.2)	FR	5/14/2003 (8/21/1997)	Phase Controlled Evanescent Field Systems And Methods For Optical Recording And Retrieval Guerra John M
GB0920696 (GB97938524.2)	GB	5/14/2003 (8/21/1997)	Phase Controlled Evanescent Field Systems And Methods For Optical Recording And Retrieval Guerra John M
GB1032937 (GB98958658.1)	GB	1/23/2002 (11/18/1998)	Optical Recording Systems And Media With Integral Near-Field Optics Guerra John M
FR1032937 (FR98958658.1)	FR	1/23/2002 (11/18/1998)	Optical Recording Systems And Media With Integral Near-Field Optics Guerra John M

<u>Patent or Application No.</u>	<u>Country</u>	<u>Grant Date Filing Date</u>	<u>Title of Patent and First Named Inventor</u>
(CA2231178)	CA	(9/17/1997)	Novel Dyes Whritenour David C
DE69703340.6 (DE69703340.6)	DE	10/18/2000 (9/17/1997)	Novel Heterocyclic Monoazodyes Arnost J
EP0861297 (EP97942560.0)	EP	10/18/2000 (9/17/1997)	Novel Heterocyclic Monoazodyes Arnost Michael J
JP3267303 (JP10-514875)	JP	1/11/2002 (9/17/1997)	Benzoisothiazole Azo Dyes ARNOST, Michael, J.
5691458 (08/715454)	US	11/25/1997 (9/18/1996)	Benzoisothiazone Azo Dyes Michael J. Arnost
(PCT/US1997/016570)	WO	(9/17/1997)	Novel Heterocyclic Monoazodyes Arnost Michael J
GB0861297 (GB97942560.0)	GB	10/18/2000 (9/17/1997)	Novel Heterocyclic Monoazodyes Arnost Michael J
(PCT/US1998/004688)	WO	(3/11/1998)	Spool Caddy For Use With Dry Optical Image Processing Of Roll Film Clough Arthur H
5970271 (09/038506)	US	10/19/1999 (3/11/1998)	Spool Caddy For Use With Dry Optical Image Processing Of Roll Film Clough, Arthur H.
(60/040662)	US	(3/11/1997)	Spool Caddy For Use With Dry Optical Image Processing Of Roll Film Arthur H. Clough
(PCT/US1998/004689)	WO	(3/11/1998)	System For Optical Dry Processing Of Spooled Photographic Film Clough Arthur H

<u>Patent or Application No.</u>	<u>Country</u>	<u>Grant Date Filing Date</u>	<u>Title of Patent and First Named Inventor</u>
(PCT/US1998/004815)	WO	(3/11/1998)	Photographic Processing Method Clough Arthur H
5993080 (09/038411)	US	11/30/1999 (3/11/1998)	System For Optical Dry Processing Of Spooled Photographic Film Clough, Arthur H.
6000863 (09/038223)	US	12/14/1999 (3/11/1998)	Photographic Processing Method Clough, Arthur H.
(60/040388)	US	(3/11/1997)	System For Optical Dry Processing Of Spooled Photographic Film Arthur H. Clough
6038403 (08/829435)	US	3/14/2000 (3/28/1997)	Single Use Camera Employing Single Frame Film Assemblages And Method Thereof Meschter, John E.
(60/013745)	US	(3/28/1996)	Single Use Camera Employing Single Frame Film Assemblages And Method Thereof John E. Meschter
5877933 (08/834449)	US	3/2/1999 (4/16/1997)	Electrostatic Discharger Protection Device For Magnetoresistive Head Arnold W. Johansen
5861230 (08/843817)	US	1/19/1999 (4/21/1997)	Process For The Polymerization Of 4-Vinyl Pyridine Monomers Shawn P. Lambert
(EP98930391.2)	EP	(6/18/1998)	Monolithic Multi-Faceted Mirror For Combining Multiple Beams From Different Light Sources By Reflection Plummer William T
5933278 (08/885637)	US	8/3/1999 (6/30/1997)	Monolithic Multi-Faceted Mirror For Combining Multiple Beams From Different Light Sources By Reflection

<u>Patent or Application No.</u>	<u>Country</u>	<u>Grant Date Filing Date</u>	<u>Title of Patent and First Named Inventor</u>
			Plummer, William T.
(PCT/US1998/012757)	WO	(6/18/1998)	Monolithic Multi-Faceted Mirror For Combining Multiple Beams From Different Light Sources By Reflection Plummer William T
(EP98934223.3)	EP	(6/30/1998)	Two-Level Semiconductor Laser Driver William T. Plummer
6061372 (09/107870)	US	5/9/2000 (6/30/1998)	Two-Level Semiconductor Laser Driver Plummer, William T.
(60/051256)	US	(6/30/1997)	Two-Level Semiconductor Laser Driver William T. Plummer , ,
(PCT/US1998/013676)	WO	(6/30/1998)	Two-Level Semiconductor Laser Driver William T. Plummer
(EP98943196.0)	EP	(8/13/1998)	Method And Apparatus For Acquiring Electronic And Or Photographic Images Bullitt Julian G
(JP2000-510059)	JP	(8/13/1998)	Method And Apparatus For Acquiring Electronic And/Or Photographic Images Bullitt, Julian, G.
6101333 (09/133661)	US	8/8/2000 (8/12/1998)	Method And Apparatus For Acquiring Electronic And/Or Photographic Images Julian G. Bullitt
(60/055663)	US	(8/8/1997)	Method And Apparatus For Acquiring Electronic And Or Photographic Images Unable To Verify
(PCT/US1998/016796)	WO	(8/13/1998)	Method And Apparatus For Acquiring Electronic And Or Photographic Images Bullitt Julian G

<u>Patent or Application No.</u>	<u>Country</u>	<u>Grant Date Filing Date</u>	<u>Title of Patent and First Named Inventor</u>
(09/365926)	US	(8/3/1999)	Method And Apparatus For Acquiring Electronic And/Or Photographic Images Unable To Verify
DE69824414.1 (DE69824414.1)	DE	6/9/2004 (7/17/1998)	Wireless Communication Device With Replaceable Battery And Prepaid Calling Time Keating E
EP0997032 (EP98934640.8)	EP	6/9/2004 (7/17/1998)	Wireless Communication Device With Replaceable Battery And Prepaid Calling Time Keating William E
5963859 (08/896619)	US	10/5/1999 (7/18/1997)	Wireless Communication Device With Replaceable Battery And Prepaid Calling Time Keating, William E.
(PCT/US1998/014910)	WO	(7/17/1998)	Wireless Communication Device With Replaceable Battery And Prepaid Calling Time Keating William E
FR0997032 (FR98934640.8)	FR	6/9/2004 (7/17/1998)	Wireless Communication Device With Replaceable Battery And Prepaid Calling Time Keating William E
GB0997032 (GB98934640.8)	GB	6/9/2004 (7/17/1998)	Wireless Communication Device With Replaceable Battery And Prepaid Calling Time Keating William E
DE69818264.2 (DE69818264.2)	DE	9/17/2003 (7/3/1998)	Electrostatic Discharge Protection Device Johansen W
EP0995237 (EP98935558.1)	EP	9/17/2003 (7/3/1998)	Electrostatic Discharge Protection Device Johansen Arnold W
(JP11-507476)	JP	(7/3/1998)	Electrostatic Discharge Protection Device Johansen, Arnold, W.

<u>Patent or Application No.</u>	<u>Country</u>	<u>Grant Date Filing Date</u>	<u>Title of Patent and First Named Inventor</u>
5963415 (08/903393)	US	10/5/1999 (7/5/1997)	Electrostatic Discharge Protection Device Johansen, Arnold W.
(PCT/US1998/014083)	WO	(7/3/1998)	Electrostatic Discharge Protection Device Johansen Arnold W
GB0995237 (GB98935558.1)	GB	9/17/2003 (7/3/1998)	Electrostatic Discharge Protection Device Johansen Arnold W
FR0995237 (FR98935558.1)	FR	9/17/2003 (7/3/1998)	Electrostatic Discharge Protection Device Johansen Arnold W
(60/040254)	US	(3/10/1997)	Film Assembly Unable To Verify
(EP97913790.8)	EP	(10/29/1997)	Photographic Film Assemblages And Methods Of Making Meschter John E
JP3232104 (JP10-539549)	JP	9/14/2001 (10/29/1997)	Photographic Film Assemblages And Methods Of Making Meschter, John, E.
5888693 (08/958902)	US	3/30/1999 (10/28/1997)	Film Assembly John E. Meschter
(PCT/US1997/019399)	WO	(10/29/1997)	Photographic Film Assemblages And Methods Of Making Meschter John E
(EP00967168.6)	EP	(9/29/2000)	Photographic Film Assemblages Of The Self- Developing Type Having Removable Portions Meschter John E
JP4738686 (JP2001-528751)	JP	5/13/2011 (9/29/2000)	Photographic Film Assemblages Of The Self- Developing Type Having Removable Portions Meschter, John, E.

<u>Patent or Application No.</u>	<u>Country</u>	<u>Grant Date Filing Date</u>	<u>Title of Patent and First Named Inventor</u>
5981137 (08/959361)	US	11/9/1999 (10/28/1997)	Photographic Film Assemblages And Methods Of Making Meschter, John E.
6291128 (09/672575)	US	9/18/2001 (9/28/2000)	Photographic Film Assemblages And Methods Of Making Meschter, John E.
(60/040797)	US	(3/17/1997)	Photographic Film Assemblages And Methods Of Making John E. Meschter
(PCT/US2000/026959)	WO	(9/29/2000)	Photographic Film Assemblages Of The Self-Developing Type Having Removable Portions Meschter John E
(EP01963767.7)	EP	(8/1/2001)	Retrofitted Self-Developing Film Assemblage And Method Of Making The Same Meschter John E
JP4787458 (JP2002-515523)	JP	7/22/2011 (8/1/2001)	Retrofitted Self-Developing Film Assemblages And Methods Of Making The Same Meschter, John, E.
(09/920357)	US	(8/1/2001)	Retrofitted Self-Developing Film Assemblages And Methods Of Making The Same John Meschter
6517989 (10/087670)	US	2/11/2003 (3/1/2002)	Retrofitted Self-Developing Film Assemblages And Methods Of Making The Same Meschter, John E.
(60/156984)	US	(10/1/1999)	Photographic Film Assemblages Of The Self-Developing Type Having Removeable Portions John E. Meschter
(60/222156)	US	(8/1/2000)	Retrofitted Self-Developing Film Assemblage And Method Of Making The Same

<u>Patent or Application No.</u>	<u>Country</u>	<u>Grant Date Filing Date</u>	<u>Title of Patent and First Named Inventor</u>
			John Meschter
(PCT/US2001/024057)	WO	(8/1/2001)	Retrofitted Self-Developing Film Assemblage And Method Of Making The Same Meschter John E
6169318 (09/028072)	US	1/2/2001 (2/23/1998)	Cmos Imager With Improved Sensitivity Robert Daniel Mcgrath
(JP11-540657)	JP	(2/4/1999)	Self-Developing Camera Douglas, Lawrence, M.
(EP99905768.0)	EP	(2/4/1999)	Self-Developing Camera Douglas Lawrence M
6055375 (09/018375)	US	4/25/2000 (2/4/1998)	Self-Developing Camera Douglas, Lawrence M.
(PCT/US1999/002495)	WO	(2/4/1999)	Self-Developing Camera Douglas Lawrence M
(EP99905495.0)	EP	(1/27/1999)	Improved Self-Developing Film Assemblage Norris Philip R
(JP2000-529637)	JP	(1/27/1999)	Improved Self-Developing Film Assemblage Norris, Philip, R.
6019525 (09/237409)	US	2/1/2000 (1/26/1999)	Self-Developing Film Assemblage Norris, Philip R.
(60/073055)	US	(1/29/1998)	Photographic Film Assemblage Philip R. Norris
(PCT/US1999/001772)	WO	(1/27/1999)	Improved Self-Developing Film Assemblage Norris Philip R

<u>Patent or Application No.</u>	<u>Country</u>	<u>Grant Date Filing Date</u>	<u>Title of Patent and First Named Inventor</u>
(09/494393)	US	(1/31/2000)	Improved Self-Developing Film Assemblage Unable To Verify
5917969 (09/024535)	US	6/29/1999 (2/17/1998)	Laser Modulation Pavle Gavrilovic
DE69903038.2 (DE69903038.2)	DE	9/18/2002 (7/1/1999)	Heat And Radiation-Sensitive Imaging Medium Bhatt C
EP1093416 (EP99935396.4)	EP	9/18/2002 (7/1/1999)	Heat And Radiation-Sensitive Imaging Medium Bhatt Jayprakash C
(JP2000-557964)	JP	(7/1/1999)	Heat And Radiation-Sensitive Imaging Medium Bhatt, Jayprakash, C.
6054246 (09/108624)	US	4/25/2000 (7/1/1998)	Heat And Radiation-Sensitive Imaging Medium And Process For Use Thereof Bhatt, Jayprakash C.
6258505 (09/518045)	US	7/10/2001 (3/2/2000)	Heat And Radiation-Sensitive Imaging Medium And Process For Use Thereof Jayprakash Bhatt
(PCT/US1999/014988)	WO	(7/1/1999)	Heat And Radiation-Sensitive Imaging Medium Bhatt Jayprakash C
FR1093416 (FR99935396.4)	FR	9/18/2002 (7/1/1999)	Heat And Radiation-Sensitive Imaging Medium Bhatt Jayprakash C
GB1093416 (GB99935396.4)	GB	9/18/2002 (7/1/1999)	Heat And Radiation-Sensitive Imaging Medium Bhatt Jayprakash C
6175691 (09/248604)	US	1/16/2001 (2/11/1999)	Multiple Mode Imaging System Lawrence M. Douglas

<u>Patent or Application No.</u>	<u>Country</u>	<u>Grant Date Filing Date</u>	<u>Title of Patent and First Named Inventor</u>
(60/074527)	US	(2/12/1998)	Multiple Mode Imaging System Lawrence M. Douglas
6184040 (09/238212)	US	2/6/2001 (1/27/1999)	Diagnostic Assay System And Method Leonard Polizzoto
6331715 (09/412845)	US	12/18/2001 (10/6/1999)	Diagnostic Assay System And Method Having A Luminescent Readout Signal Donald E. Mauchan
6555060 (09/417297)	US	4/29/2003 (10/13/1999)	Apparatus For Performing Diagnostic Testing Mauchan, Donald E.
6495373 (09/713668)	US	12/17/2002 (11/15/2000)	Method And Apparatus For Performing Diagnostic Testing Donald Mauchan
(10/373276)	US	(2/24/2003)	Method And Apparatus For Performing Diagnostic Testing Donald Mauchan
(60/104150)	US	(10/14/1998)	Method And Apparatus For Performing Diagnostic Testing Donald E. Mauchan
(PCT/US2000/017255)	WO	(6/22/2000)	Method And Apparatus For Performing Diagnostic Testing Donald E. Mauchan
6432358 (09/238970)	US	8/13/2002 (1/27/1999)	Diagnostic Assay Device Philip R. Norris
6100005 (09/087123)	US	8/8/2000 (5/29/1998)	Photographic Element And Method Churella, Daniel J.
(PCT/US1999/010129)	WO	(5/7/1999)	Photographic Element And Method Churella Daniel J

<u>Patent or Application No.</u>	<u>Country</u>	<u>Grant Date Filing Date</u>	<u>Title of Patent and First Named Inventor</u>
6099172 (09/325485)	US	8/8/2000 (6/3/1999)	Simplified Camera Mechanisms Nobuhiko Togashi
(PCT/US2000/017058)	WO	(6/21/2000)	Simplified Camera Mechanisms Togashi Nobuhiko
(BRPI9803172-4)	BR	(8/18/1998)	Indirect Control Committee, A Participant Mobile System Of Multiple Access Code Division (CDMA) Czaja, Stash F.
6078570 (08/915998)	US	6/20/2000 (8/21/1997)	Mobile Assisted Hard Hand-Off For A Code Division Multiple Access (Cdma) System Czaja, Stash F.
6459689 (09/464033)	US	10/1/2002 (12/15/1999)	Mobile Station Handoff Between Different Cdma Frequencies Unable To Verify
RE40824 (10/957522)	US	7/7/2009 (10/1/2004)	Mobile Station Handoff Between Different Cdma Frequencies Unable To Verify
(KR10-1998-0033065)	KR	(8/14/1998)	Mobile Assisted Hard Hand-Off For A Code Division Multiple Access (Cdma) System Unable To Verify
(EP98306664.8)	EP	(8/20/1998)	Mobile Assisted Hard Hand-Off For A Code Division Multiple Access (Cdma) System Unable To Verify
(CN98118610.6)	CN	(8/20/1998)	Mobile Assisted Hard Hand-Off For A Code Division Multiple Access (Cdma) System Czaja, Stash F.
(JP10-234615)	JP	(8/20/1998)	Mobile Assisted Hard Hand-Off For A Code Division Multiple Access (Cdma) System Czaja, Stash F.

<u>Patent or Application No.</u>	<u>Country</u>	<u>Grant Date Filing Date</u>	<u>Title of Patent and First Named Inventor</u>
(AU37725/97)	AU	(8/11/1997)	A Method And Arrangement For Setting The Charge Rate In A Wireless Pay Phone Unable To Verify
(FI963142)	FI	(8/12/1996)	A Method And Arrangement For Setting The Charge Rate In A Wireless Pay Phone Savolainen, Kimmo
6327466 (09/242230)	US	12/4/2001 (8/11/1997)	Method And Arrangement For Setting The Charge Rate In A Wireless Pay Phone Savolainen, Kimmo
(PCT/FI1997/000470)	WO	(8/11/1997)	A Method And Arrangement For Setting The Charge Rate In A Wireless Pay Phone Unable To Verify
ZA97/6169 (ZA97/6169)	ZA	4/29/1998 (7/11/1997)	A Method And Arrangement For Setting The Charge Rate In A Wireless Pay Phone Unable To Verify
(IN1709/MAS/97)	IN	7/30/1997)	A Method And Arrangement For Setting The Charge Rate In A Wireless Pay Phone Savolainen, Kimmo
(AR970103585)	AR	(8/6/1997)	A Method And Arrangement For Setting The Charge Rate In A Wireless Pay Phone Savolainen, Kimmo
(EP99660067.2)	EP	(4/27/1999)	Arrangement For Implementing A Safety Feature In A Battery, And A Battery Naskali, Matti
(FI980962)	FI	(4/30/1998)	Arrangement For Implementing A Safety Feature In A Battery, And A Battery Naskali, Matti
6713209 (09/301714)	US	3/30/2004 (4/29/1999)	Arrangement For Implementing A Safety Feature In A Battery

<u>Patent or Application No.</u>	<u>Country</u>	<u>Grant Date Filing Date</u>	<u>Title of Patent and First Named Inventor</u>
			Naskali, Matti
(AU88089/98)	AU	(8/14/1998)	Centralized Management Of Communication Devices Unable To Verify
(CA2300196)	CA	(8/14/1998)	Centralized Management Of Communication Devices Suonvieri, Jukka
(EP98939661.9)	EP	(8/14/1998)	Centralized Management Of Communication Devices Suonvieri, Jukka
(FI973327)	FI	(8/14/1997)	Centralized Management Of Communication Devices Suonvieri, Jukka
(JP2000-510250)	JP	(8/14/1998)	Centralized Management Of Communication Devices Suonvieri, Jukka
6445919 (09/501567)	US	9/3/2002 (2/9/2000)	Arrangement And Equipment For Handling Not- Compatible Messages Between A Management System And Network Elements Controlled By The Management System Suonvieri, Jukka
(TH40511)	TH	(11/4/1997)	Centralized Management Of Communication Devices Suonvieri, Jukka
(PCT/FI1998/000628)	WO	(8/14/1998)	Centralized Management Of Communication Devices Unable To Verify
CNZL98807907.0 (CN98807907)	CN	10/13/2004 (8/14/1998)	Centralized Management Of Communication Devices Suonvieri, Jukka

<u>Patent or Application No.</u>	<u>Country</u>	<u>Grant Date Filing Date</u>	<u>Title of Patent and First Named Inventor</u>
(IN1841/MAS/98)	IN	(8/17/1998)	Centralized Management Of Communication Devices Suonvieri, Jukka
TWI110416 (TW086113655)	TW	12/21/1999 (9/19/1997)	Centralized Management Of Communication Devices Suonvieri, Jukka
AU728359 (AU199747838)	AU	1/11/2001 (10/24/1997)	Location-Dependent Services In A Mobile Communication System Unable To Verify
CA2241273 (CA2241273)	CA	5/29/2007 (10/24/1997)	Location-Dependent Services In A Mobile Communication System Unable To Verify
(EP97910470.0)	EP	(10/24/1997)	Location-Dependent Services In A Mobile Communication System Unable To Verify
FI103701 (FI964375)	FI	8/13/1999 (10/30/1996)	Location-Dependent Services In A Mobile Communication System Unable To Verify
JP4350785 (JP2008-185135)	JP	7/31/2009 (10/24/1997)	Location-Dependent Services In A Mobile Communication System Unable To Verify
6351647 (09/101041)	US	2/26/2002 (10/24/1997)	Location-Dependent Services In A Mobile Communication System Unable To Verify
(PCT/FI1997/000646)	WO	(10/24/1997)	Location-Dependent Services In A Mobile Communication System Unable To Verify
CNZL97191533.4 (CN97191533.4)	CN	1/14/2004 (10/24/1997)	Location-Dependent Services In A Mobile Communication System

<u>Patent or Application No.</u>	<u>Country</u>	<u>Grant Date Filing Date</u>	<u>Title of Patent and First Named Inventor</u>
			Unable To Verify
JP4577912 (JP10-520084)	JP	9/3/2010 (10/24/1997)	Location-Dependent Services In A Mobile Communication System Unable To Verify
IN208480 (IN2467/MAS/1997)	IN	7/31/2007 (10/24/1997)	A Method For Providing Location Information For An Application Unable To Verify
(AU0030342/97)	AU	(6/3/1997)	Improving Charging Criteria For A Call In A Cellular Mobile Network Unable To Verify
(CA2257264)	CA	(6/3/1997)	Improving Charging Criteria For A Call In A Cellular Mobile Network Janhonen, Risto
(CN97195296.5)	CN	(6/3/1997)	Improving Charging Criteria For A Call In A Cellular Mobile Network Janhonen, Risto
EP0898846 (EP97925079.2)	EP	8/18/2004 (6/3/1997)	Improving Charging Criteria For A Call In A Cellular Mobile Network Janhonen, Risto
(FI962380)	FI	(6/7/1996)	Improving Charging Criteria For A Call In A Cellular Mobile Network Janhonen, Risto
(JP10-501240)	JP	(6/3/1997)	Improving Charging Criteria For A Call In A Cellular Mobile Network Janhonen, Risto
6345181 (09/194830)	US	2/5/2002 (6/3/1997)	Charging Criteria For A Call In A Cellular Mobile Network Janhonen, Risto

<u>Patent or Application No.</u>	<u>Country</u>	<u>Grant Date Filing Date</u>	<u>Title of Patent and First Named Inventor</u>
(PCT/FI1997/000346)	WO	(6/3/1997)	Improving Charging Criteria For A Call In A Cellular Mobile Network Janhonen, Risto
(TH37734)	TH	(6/5/1997)	Improving Charging Criteria For A Call In A Cellular Mobile Network Janhonen, Risto
AT274276 (AT97925079.2)	AT	8/18/2004 (6/3/1997)	Improving Charging Criteria For A Call In A Cellular Mobile Network Unable To Verify
(IDP-971959)	ID	(6/9/1997)	Improving Charging Criteria For A Call In A Cellular Mobile Network Janhonen, Risto
(IN1224/MAS/97)	IN	(6/6/1997)	Improving Charging Criteria For A Call In A Cellular Mobile Network Janhonen, Risto
(HK99101874.1)	HK	(4/27/1999)	Improving Charging Criteria For A Call In A Cellular Mobile Network Janhonen, Risto
(MYPI9702552)	MY	(6/6/1997)	Improving Charging Criteria For A Call In A Cellular Mobile Network Janhonen, Risto
(PHI-56868)	PH	(6/5/1997)	Improving Charging Criteria For A Call In A Cellular Mobile Network Janhonen, Risto
TWI105389 (TW086109045)	TW	7/21/1999 (6/27/1997)	Improving Charging Criteria For A Call In A Cellular Mobile Network Janhonen, Risto
ZA975012 (ZA975012)	ZA	3/25/1998 (6/6/1997)	Improving Charging Criteria For A Call In A Cellular Mobile Network

<u>Patent or Application No.</u>	<u>Country</u>	<u>Grant Date Filing Date</u>	<u>Title of Patent and First Named Inventor</u>
			Janhonen, Risto
(CN97195977.3)	CN	(5/26/1997)	Digitally Shaped Antenna Pattern For Optimising Coverage Lempiainen, Jukka
AU722797 (AU29015/97)	AU	11/23/2000 (5/26/1997)	Method For Optimising Coverage By Reshaping Antenna Pattern Lempiainen, Jukka
(EP97923128.9)	EP	(5/26/1997)	Digitally Shaped Antenna Pattern For Optimising Coverage Lempiainen, Jukka
(FI962217)	FI	(5/27/1996)	Digitally Shaped Antenna Pattern For Optimising Coverage Lempiainen, Jukka
(JP09-541682)	JP	(5/26/1997)	Digitally Shaped Antenna Pattern For Optimising Coverage Lempiainen, Jukka
6510312 (09/194575)	US	1/21/2003 (5/26/1997)	Method For Optimising Coverage By Reshaping Antenna Pattern Lempiainen, Jukka
(PCT/FI1997/000317)	WO	(5/26/1997)	Method For Optimising Coverage By Reshaping Antenna Pattern Lempiainen, Jukka
(NO19985513)	NO	(5/26/1997)	Digitally Shaped Antenna Pattern For Optimising Coverage Lempiainen, Jukka
AU715830 (AU73031/96)	AU	5/25/2000 (10/30/1996)	Direct Data Access From A Digital Mobile Network To Data Networks Palviainen, Keijo L.

<u>Patent or Application No.</u>	<u>Country</u>	<u>Grant Date Filing Date</u>	<u>Title of Patent and First Named Inventor</u>
(CA2236349)	CA	(10/30/1996)	Direct Data Access From A Digital Mobile Network To Data Networks Palviainen, Keijo L.
(CN96197953.4)	CN	(10/30/1996)	Direct Data Access From A Digital Mobile Network To Data Networks Palviainen, Keijo L.
(EP96934863.0)	EP	(10/30/1996)	Direct Data Access From A Digital Mobile Network To Data Networks Palviainen, Keijo L.
FI101184 (FI955189)	FI	4/30/1998 (10/30/1995)	Direct Data Access From A Digital Mobile Network To Data Networks Palviainen, Keijo L.
6385178 (09/066485)	US	5/7/2002 (10/30/1996)	Direct Data Access From A Digital Mobile Network To Data Networks Palviainen, Keijo L.
(PCT/FI1996/000577)	WO	(10/30/1996)	Direct Data Access From A Digital Mobile Network To Data Networks Palviainen, Keijo L.
AU731762 (AU53249/98)	AU	7/19/2001 (1/2/1998)	Hpn-Concept Einola, Heikki
FI102994 (FI970074)	FI	3/31/1999 (1/7/1997)	Medium Penetration Call Announcement In Telecommunications System Einola, Heikki
6434393 (09/341103)	US	8/13/2002 (1/2/1998)	Medium Penetration Call Announcement In Telecommunications System Einola, Heikki
(PCT/FI1998/000005)	WO	(1/2/1998)	Medium Penetration Call Announcement In Telecommunications System Einola, Heikki

<u>Patent or Application No.</u>	<u>Country</u>	<u>Grant Date Filing Date</u>	<u>Title of Patent and First Named Inventor</u>
(HK99101876.9)	HK	(4/27/1999)	Direct Data Access From A Digital Mobile Network To Data Networks Palviainen, Keijo L.
(IN026/MAS/98)	IN	(1/5/1998)	Medium Penetration Call Announcement In Telecommunications System Einola, Heikki
(JP09-517092)	JP	(10/30/1996)	Direct Data Access From A Digital Mobile Network To Data Networks Palviainen, Keijo L.
(MYPI9800067)	MY	(1/7/1998)	Hpn-Concept Einola, Heikki
TWI098448 (TW086105878)	TW	10/21/1998 (5/2/1997)	Hpn-Concept Einola, Heikki
(PH1-1998-0014)	PH	(1/6/1998)	Hpn-Concept Einola, Heikki
(TH37626)	TH	(5/30/1997)	Hpn-Concept Einola, Heikki
AU740675 (AU70466/98)	AU	2/21/2002 (4/22/1998)	Procedure For The Transmission Of Information In A Telephonenetwork Tuokkola, Hannu
(CN98804465.X)	CN	(4/22/1998)	Procedure For The Transmission Of Information In A Telephonenetwork Tuokkola, Hannu
(EP98917156.6)	EP	(4/22/1998)	Procedure For The Transmission Of Information In A Telephone Network Tuokkola, Hannu
(FI971716)	FI	(4/22/1997)	Procedure For The Transmission Of Information In A Telephone Network

<u>Patent or Application No.</u>	<u>Country</u>	<u>Grant Date Filing Date</u>	<u>Title of Patent and First Named Inventor</u>
			Tuokkola, Hannu
(JP10-545101)	JP	(4/22/1998)	Procedure For The Transmission Of Information In A Telephone Network Tuokkola, Hannu
(RU99124597)	RU	(4/22/1998)	Procedure For The Transmission Of Information In A Telephone Network Tuokkola, Hannu
6301347 (09/409116)	US	10/9/2001 (9/30/1999)	Procedure For The Transmission Of Information In A Telephone Network Tuokkola, Hannu
(PCT/FI1998/000358)	WO	(4/22/1998)	Procedure For The Transmission Of Information In A Telephonenetwork Tuokkola, Hannu
(BRPI9808967-6)	BR	(4/22/1998)	Procedure For The Transmission Of Information In A Telephone Network Tuokkola, Hannu
(AU0061067/00)	AU	(7/14/2000)	AMPLIFIER HAVING BIAS CIRCUIT SELF- COMPENSATING FOR VGS PROCESS VARIATION AND IDS AGING Unable To Verify
(EP00947464.4)	EP	(7/14/2000)	Amplifier Having Bias Circuit Self-Compensating For Vgs Process Variation And Ids Aging Laureanti, Steven J.
6111464 (09/361036)	US	8/29/2000 (7/23/1999)	Amplifier Having Bias Circuit Self-Compensating For Vgs Process Variation And Ids Aging Laureanti, Steven J.
(PCT/US2000/019463)	WO	(7/14/2000)	Amplifier Having Bias Circuit Self-Compensating For Vgs Process Variation And Ids Aging Laureanti, Steven J.

<u>Patent or Application No.</u>	<u>Country</u>	<u>Grant Date Filing Date</u>	<u>Title of Patent and First Named Inventor</u>
6381061 (09/443822)	US	4/30/2002 (11/19/1999)	Pixel Structure Having Deformable Material And Method For Forming A Light Valve Levola, Tapani
6445433 (09/596622)	US	9/3/2002 (6/19/2000)	Pixel Structure Having Deformable Material And Method For Forming A Light Valve Levola, Tapani
(JP2000-569554)	JP	(7/2/1999)	Use Allowed Priority Level For Routing Decision In Sima Networks Kilkki, Kalevi
(AU0048572/99)	AU	(7/2/1999)	Use Allowed Priority Level For Routing Decision In Sima Networks Unable To Verify
(EP99932216.7)	EP	(7/2/1999)	Use Allowed Priority Level For Routing Decision In Sima Networks Kilkki, Kalevi
6490287 (09/146862)	US	12/3/2002 (9/3/1998)	Use Allowed Priority Level For Routing Decision In Sima Networks Kilkki, Kalevi
(PCT/US1999/015092)	WO	(7/2/1999)	Use Allowed Priority Level For Routing Decision In Sima Networks Kilkki, Kalevi
EP0933961 (EP98660112.8)	EP	1/21/2004 (11/4/1998)	A Method And Arrangement For Locating A Mobile Station Ruutu, Ville
(FI974153)	FI	(11/6/1997)	A Method And Arrangement For Locating A Mobile Station Ruutu, Ville
6442392 (09/185765)	US	8/27/2002 (11/4/1998)	Method And Arrangement For Locating A Mobile Station

<u>Patent or Application No.</u>	<u>Country</u>	<u>Grant Date Filing Date</u>	<u>Title of Patent and First Named Inventor</u>
			Ruutu, Ville
DE69821213.4 (DE69821213.4)	DE	1/21/2004 (11/4/1998)	A Method And Arrangement For Locating A Mobile Station Ruutu, Ville
FR0933961 (FR98660112.8)	FR	1/21/2004 (11/4/1998)	A Method And Arrangement For Locating A Mobile Station Ruutu, Ville
IT0933961 (IT98660112.8)	IT	1/21/2004 (11/4/1998)	A Method And Arrangement For Locating A Mobile Station Ruutu, Ville
GB0933961 (GB98660112.8)	GB	1/21/2004 (11/4/1998)	A Method And Arrangement For Locating A Mobile Station Ruutu, Ville
(EP96118959.4)	EP	(11/27/1996)	Double Talk Detector Koski, Vesa-Pekka
(EP97660012.2)	EP	(2/11/1997)	Maniplulation Of Header Field In Amt Cell Molin, Kim
FI103545 (FI960665)	FI	7/15/1999 (2/14/1996)	Maniplulation Of Header Field In Amt Cell Molin, Kim
5987007 (08/800326)	US	11/16/1999 (2/14/1997)	Manipulation Of Header Field In Atm Cell Molin, Kim
(EP98303565.0)	EP	(5/7/1998)	Antenna For Portable Radio Telephone Shaw, Conway Robert
GB2325109 (GB9709466.8)	GB	8/22/2001 (5/9/1997)	Pivoting Antenna Shaw, Conway Robert

<u>Patent or Application No.</u>	<u>Country</u>	<u>Grant Date Filing Date</u>	<u>Title of Patent and First Named Inventor</u>
6380897 (09/074243)	US	4/30/2002 (5/7/1998)	Portable Radio Telephone Shaw, Conway Robert
(EP98910767.7)	EP	(3/23/1998)	Method For Synchronization Suvanen, Jyri
FI103308 (FI971230)	FI	5/31/1999 (3/24/1997)	Method For Synchronization Suvanen, Jyri
6320880 (09/198166)	US	11/20/2001 (3/23/1998)	Method For Synchronization Suvanen, Jyri
(PCT/FI1998/000254)	WO	(3/23/1998)	Method For Synchronization Suvanen, Jyri
FI105880 (FI981413)	FI	10/13/2007 (6/18/1998)	Attachment Of A Micromechanical Microphone Hietanen, Jarmo
6178249 (09/335419)	US	1/23/2001 (6/17/1999)	Attachment Of A Micromechanical Microphone Hietanen, Jarmo
7149185 (10/018266)	US	12/12/2006 (6/18/1999)	Measurement-Based Connection Admission Control (Mbac) Device For A Packet Data Network Mikko, Suni
RE43645 (12/109663)	US	9/11/2012 (4/25/2008)	Measurement-Based Connection Admission Control (Mbac) Device For A Packet Data Network Mikko, Suni
6192126 (09/086305)	US	2/20/2001 (5/28/1998)	Double Talk Detector, Method For Double Talk Detection And Device Incorporating Such A Detector Koski, Vesa-Pekka

<u>Patent or Application No.</u>	<u>Country</u>	<u>Grant Date Filing Date</u>	<u>Title of Patent and First Named Inventor</u>
6265928 (09/354984)	US	7/24/2001 (7/16/1999)	Precision-Controlled Logarithmic Amplifier Tran, Kim Anh
6073142 (08/881034)	US	6/6/2000 (6/23/1997)	Automated Post Office Based Rule Analysis Of E-Mail Messages And Other Data Objects For Controlled Distribution In Network Environments Geiger, Fred J.
JP4017775 (JP10-374558)	JP	9/28/2007 (12/28/1998)	Projection Type Display Sugawara Mari
TWI162417 (TW088118331)	TW	9/1/2002 (10/22/1999)	Projection Type Display OE RYOICHI
6322218 (09/426090)	US	11/27/2001 (10/22/1999)	Projection Type Display Sugawara, Mari
KR10-0536035 (KR10-1999-0051205)	KR	12/6/2005 (11/18/1999)	Projection Type Display Oe Ryoichi
(JP10-322594)	JP	(11/12/1998)	PROJECTION TYPE DISPLAY Unknown Inventor(S)
(JP10-338874)	JP	(11/30/1998)	PROJECTION TYPE DISPLAY Unknown Inventor(S)
(JP11-019003)	JP	(11/12/1998)	Projection Type Display Suzuki Toshihiro
(JP2007-147574)	JP	(11/12/1998)	Projection Type Display Unable To Verify
KR10-0315593 (KR10-1999-0016888)	KR	11/12/2001 (5/12/1999)	Projection Type Display Suzuki Toshihiro

<u>Patent or Application No.</u>	<u>Country</u>	<u>Grant Date Filing Date</u>	<u>Title of Patent and First Named Inventor</u>
TWI119753 (TW088105686)	TW	8/1/2000 (4/9/1999)	Projection Type Display SUZUKI TOSHIHIRO
6379010 (09/280444)	US	4/30/2002 (3/29/1999)	Projection Type Display Suzuki, Toshihiro
(DE19959257.8)	DE	(12/9/1999)	Method Of Alignment For Ccd And The Apparatus Of The Same Sugawara Mari
(DE19964522.1)	DE	(12/9/1999)	Multi-Lenses Optical Device Sugawara Mari
(DE19964491.8)	DE	(12/9/1999)	Apparatus And Method Of Detecting A Scanning Range When Applying Assistant Frames For Flatbed Scanners Sugawara Mari
JP4030208 (JP10-374710)	JP	10/26/2007 (12/28/1998)	Projection Type Display Apparatus Having Air Cooling Arrangement Hayashi Keiji
JP4086399 (JP11-021633)	JP	2/29/2008 (1/29/1999)	Projection Type Display Apparatus Having Air Cooling Arrangement Sugawara Mari
(JP2007-268028)	JP	(1/29/1999)	Projection Type Display Apparatus Having Air Cooling Arrangement Unknown Inventors
(JP2008-150902)	JP	(1/29/1999)	Projection Type Display Apparatus Having Air Cooling Arrangement Sugawara Mari
6481854 (09/452223)	US	11/19/2002 (12/1/1999)	Projection Type Display Apparatus Having Air Cooling Arrangement Sugawara, Mari

<u>Patent or Application No.</u>	<u>Country</u>	<u>Grant Date Filing Date</u>	<u>Title of Patent and First Named Inventor</u>
(JP2003-384614)	JP	(9/16/1999)	Projection Device Unable To Verify
(DE10033524.1)	DE	(7/11/2000)	Projector Has Liquid Crystal Elements With Circulated Air Cooling Provided By Exhaust And Inlet Fans Ishiwa Masaru
JP3535422 (JP11-262005)	JP	3/19/2004 (9/16/1999)	Projector Ishiwa, Masaru
6513936 (09/612668)	US	2/4/2003 (7/10/2000)	Projector Ishiwa, Masaru
JP3798186 (JP11-166979)	JP	4/28/2006 (6/14/1999)	Liquid Crystal Display Substrate, Its Production And Liquid Crystal Display Device Okuda, Shoji
KR10-566722 (KR10-1999-0050772)	KR	3/27/2006 (11/16/1999)	Liquid Crystal Display Substrate, Its Production And Liquid Crystal Display Device Okuda Shoji
TWI164025 (TW088119856)	TW	9/11/2002 (11/15/1999)	Low Power Consumption Liquid Crystal Display Substrate Ohashi Makoto
6593983 (09/434646)	US	7/15/2003 (11/5/1999)	Low Power Consumption Liquid Crystal Display Substrate Okuda, Shoji
(DE10003553.1)	DE	(1/27/2000)	Video Projection Display Has Switch Which Disables Adjustment Of Display By Remote Control While Other Display Is Being Adjusted Isogai Hiroyuki
(JP11-072273)	JP	(3/17/1999)	Projection Image Display Device Unknown Inventor(S)

<u>Patent or Application No.</u>	<u>Country</u>	<u>Grant Date Filing Date</u>	<u>Title of Patent and First Named Inventor</u>
(JP11-266053)	JP	(3/17/1999)	Projection Image Display Device Isogai Hiroyuki
6624854 (09/493809)	US	9/23/2003 (1/28/2000)	Projection Image Display Device Isogai, Hiroyuki
JP3576407 (JP10-327796)	JP	7/16/2004 (11/18/1998)	Projection Type Display Hasegawa, Kenzo
(KR10-1999-0013839)	KR	(4/19/1999)	Projection Type Display Hasegawa Genjo
TWI166067 (TW088105335)	TW	10/21/2002 (4/2/1999)	Projection Type Display HASEGAWA KENZO
6710762 (09/281127)	US	3/23/2004 (3/29/1999)	Projection Type Display Hasegawa, Kenzo
(JP2008-093161)	JP	(1/9/1998)	Display Device With Condenser Elements Suzuki Toshihiro
JP4191276 (JP10-003247)	JP	9/26/2008 (1/9/1998)	Display Device With Condenser Elements Suzuki Toshihiro
6559910 (09/225631)	US	5/6/2003 (1/5/1999)	Display Device With Condenser Elements Suzuki, Toshihiro
6819366 (10/342036)	US	11/16/2004 (1/14/2003)	Display Device With Condenser Elements Suzuki, Toshihiro
KR10-0332512 (KR10-1998-0062702)	KR	4/1/2002 (12/31/1998)	Display Device With Condenser Elements Unable To Verify
KR10-0371584 (KR10-2001-0054963)	KR	1/27/2003 (9/7/2001)	Display Device With Condenser Elements Aritake Hirokazu

<u>Patent or Application No.</u>	<u>Country</u>	<u>Grant Date Filing Date</u>	<u>Title of Patent and First Named Inventor</u>
TWI110241 (TW088100194)	TW	12/1/1999 (1/7/1999)	Display Device With Condenser Elements Unable To Verify
(JP10-260094)	JP	(9/14/1998)	Network Devices, Adapters And Methods Which Identify Monitored Equipment Units Hamanaka Makoto
6931442 (09/357926)	US	8/16/2005 (7/21/1999)	Network Devices, Adapters And Methods Which Identify Monitored Equipment Units Hamanaka, Makoto
EP0810608 (EP97108266.4)	EP	7/31/2002 (5/22/1997)	Shared Bootstrap Circuit Proebsting Robert J
(JP09-143750)	JP	(6/2/1997)	Shared Type Bootstrap Circuit Robert J. Proebsting
5793383 (08/656165)	US	8/11/1998 (5/31/1996)	Shared Bootstrap Circuit Robert J. Proebsting
NL0810608 (NL97108266.4)	NL	7/31/2002 (5/22/1997)	Shared Bootstrap Circuit Proebsting Robert J
CNZL97112164.8 (CN97112164.8)	CN	8/6/2003 (5/29/1997)	Shared Bootstrap Circuit Robert J. Proebsting
DE69714350.3 (DE69714350.3)	DE	7/31/2002 (5/22/1997)	Shared Bootstrap Circuit Proebsting Robert J
GB0810608 (GB97108266.4)	GB	7/31/2002 (5/22/1997)	Shared Bootstrap Circuit Proebsting Robert J
GB2317249 (GB9717907.1)	GB	4/25/2001 (8/22/1997)	Sense Amplifier Timing Circuit Proebsting Robert J

<u>Patent or Application No.</u>	<u>Country</u>	<u>Grant Date Filing Date</u>	<u>Title of Patent and First Named Inventor</u>
(JP09-236670)	JP	(9/2/1997)	Sense Amplifier Timing Circuit Robert J Proebsting
5936905 (08/890584)	US	8/10/1999 (7/9/1997)	Self Adjusting Delay Circuit And Method For Compensating Sense Amplifier Clock Timing Robert J. Proebsting
(60/025823)	US	(9/3/1996)	Sense Amplifier Circuit Robert J. Proebsting
6323722 (09/516399)	US	11/27/2001 (3/1/2000)	Apparatus For Translating A Voltage Proebsting Robert J
6947100 (09/439061)	US	9/20/2005 (11/12/1999)	High Speed Video Frame Buffer Proebsting Robert J
EP0925527 (EP98924909.9)	EP	4/14/2004 (5/27/1998)	Photographic Element And Method Unable To Verify
JP3921619 (JP11-508632)	JP	3/2/2007 (5/27/1998)	Photographic Element And Method Unable To Verify
5756253 (08/890463)	US	5/26/1998 (7/9/1997)	Photographic Element And Method Unable To Verify
(PCT/US1998/010754)	WO	(5/27/1998)	Photographic Element And Method Unable To Verify
FR0925527 (FR98924909.9)	FR	4/14/2004 (5/27/1998)	Photographic Element And Method Unable To Verify
GB0925527 (GB98924909.9)	GB	4/14/2004 (5/27/1998)	Photographic Element And Method Unable To Verify
DE69823146.5 (DE69823146.5)	DE	4/14/2004 (5/27/1998)	Photographic Element And Method Unable To Verify

<u>Patent or Application No.</u>	<u>Country</u>	<u>Grant Date Filing Date</u>	<u>Title of Patent and First Named Inventor</u>
6131032 (08/980562)	US	10/10/2000 (12/1/1997)	Method And Apparatus For Monitoring Users Of A Communications System Patel, Pramodkumar
(PCT/US1998/024929)	WO	(11/25/1998)	Communications System Monitoring Method And Apparatus Patel, Pramodkumar
(JP2000-527118)	JP	(12/28/1998)	Terrestrial And Satellite Cellular Network Interoperability Helm, Jim E.
6157834 (08/998565)	US	12/5/2000 (12/29/1997)	Terrestrial And Satellite Cellular Network Interoperability Helm, Jim E.
(JP11-509050)	JP	(10/1/1998)	Frequency Dependent Resistive Element Furino, Jr., James P.
5883565 (08/941704)	US	3/16/1999 (10/1/1997)	Frequency Dependent Resistive Element Furino, Jr., James P.
5999080 (09/246815)	US	12/7/1999 (2/9/1999)	Frequency Dependent Resistive Element Furino, Jr., James P.
(PCT/US1998/020699)	WO	(10/1/1998)	Frequency Dependent Resistive Element Furino, Jr., James P.
(EP98952027.5)	EP	(10/1/1998)	Frequency Dependent Resistive Element Furino, Jr., James P.
EP0866588 (EP98103451.5)	EP	12/1/2004 (2/26/1998)	High Data Rate Spread Spectrum Transceiver And Associated Methods Snell, James Leroy
(EP03022554.4)	EP	(2/26/1998)	High Data Rate Spread Spectrum Transceiver And Associated Methods

<u>Patent or Application No.</u>	<u>Country</u>	<u>Grant Date Filing Date</u>	<u>Title of Patent and First Named Inventor</u>
			Snell, James Leroy
5982807 (08/819846)	US	11/9/1999 (3/17/1997)	High Data Rate Spread Spectrum Transceiver And Associated Methods Snell, James Leroy
RE40231 (10/005483)	US	4/8/2008 (11/9/2001)	High Data Spread Spectrum Transceiver And Associated Methods Snell, James Leroy
CNZL98105495.1 (CN98105495.1)	CN	11/8/2006 (3/16/1998)	High Data Rate Spread Spectrum Transceiver And Associated Methods Snell, James Leroy
JP4203551 (JP10-067463)	JP	10/24/2008 (3/17/1998)	High Data Rate Spread Spectrum Transceiver And Associate Methods Snell, James Leroy
GB0866588 (GB98103451.5)	GB	12/1/2004 (2/26/1998)	High Data Rate Spread Spectrum Transceiver And Associated Methods Snell, James Leroy
FR0866588 (FR98103451.5)	FR	12/1/2004 (2/26/1998)	High Data Rate Spread Spectrum Transceiver And Associated Methods Snell, James Leroy
KR10-0530277 (KR10-1998-0009022)	KR	11/15/2005 (3/17/1998)	High Data Rate Spread Spectrum Transceiver And Associated Methods Snell, James Leroy
TWI104951 (TW087102737)	TW	8/1/1999 (2/25/1998)	High Data Rate Spread Spectrum Transceiver And Associated Methods Snell, James Leroy
DE69827866.6 (DE69827866.6)	DE	12/1/2004 (2/26/1998)	High Data Rate Spread Spectrum Transceiver And Associated Methods Snell, James Leroy

<u>Patent or Application No.</u>	<u>Country</u>	<u>Grant Date Filing Date</u>	<u>Title of Patent and First Named Inventor</u>
6128282 (08/994002)	US	10/3/2000 (12/18/1997)	Network Node Controller And Method For Combining Circuit And Packet Data Liebetreu, John M.
6154510 (09/303845)	US	11/28/2000 (5/3/1999)	Symbol Timing Recovery Based On Adjusted, Phase-Selected Magnitude Values Cochran, Bruce A.
(PCT/US2000/010438)	WO	(4/18/2000)	Symbol Timing Recovery Based On Adjusted, Phase-Selected Magnitude Values Cochran, Bruce A.
6353413 (09/358999)	US	3/5/2002 (7/22/1999)	Multi-Function Universal Controller And Locator Systems White, Stanley A.
(08/920742)	US	(8/29/1997)	Multi-Function Universal Controller And Locator Systems White, Stanley A.
6377608 (09/163802)	US	4/23/2002 (9/30/1998)	Pulsed Beacon-Based Interference Reduction Mechanism For Wireless Communication Networks Zyren, James G.
6452948 (09/095116)	US	9/17/2002 (6/10/1998)	A Method For Baud-Clock Phase Synchronization In A Tdma Digital Communications System And Apparatus Therefor Mccallister, Ronald D.
EP1072105 (EP99904097.5)	EP	7/28/2004 (1/15/1999)	Wireless Local Area Network Spread Spectrum Transceiver With Multipath Mitigation Andren, Carl
(EP99906676.4)	EP	(1/15/1999)	Spread Spectrum Transceiver For Use In Wireless Local Area Network And Having Multipath Mitigation Andren, Carl

<u>Patent or Application No.</u>	<u>Country</u>	<u>Grant Date Filing Date</u>	<u>Title of Patent and First Named Inventor</u>
(EP99904096.7)	EP	(1/15/1999)	Method Of Performing Antenna Diversity In Spread Spectrum In Wireless Local Area Network Fakatselis, John
(JP2000-536160)	JP	(1/15/1999)	Wireless Local Area Network Spread Spectrum Transceiver With Multipath Mitigation Andren, Carl
(JP2000-538443)	JP	(1/15/1999)	Spread Spectrum Transceiver For Use In Wireless Local Area Network And Having Multipath Mitigation Andren, Carl
(JP2000-536140)	JP	(1/15/1999)	Wireless Local Area Network Spread Spectrum Transceiver With Multipath Mitigation Fakatselis, John
6678310 (09/231184)	US	1/13/2004 (1/14/1999)	Wireless Local Area Network Spread Spectrum Transceiver With Multipath Mitigation Andren, Carl
6603801 (09/231228)	US	8/5/2003 (1/14/1999)	Spread Spectrum Transceiver For Use In Wireless Local Area Network And Having Multipath Mitigation Andren, Carl
6563858 (09/231608)	US	5/13/2003 (1/14/1999)	Method Of Performing Antenna Diversity In Spread Spectrum In Wireless Local Area Network Fakatselis, John
(60/071659)	US	(1/16/1998)	Wireless Local Area Network & Associated Methods Andren, Carl
(PCT/US1999/000852)	WO	(1/15/1999)	Wireless Local Area Network Spread Spectrum Transceiver With Multipath Mitigation Andren, Carl

<u>Patent or Application No.</u>	<u>Country</u>	<u>Grant Date Filing Date</u>	<u>Title of Patent and First Named Inventor</u>
(PCT/US1999/000940)	WO	(1/15/1999)	Spread Spectrum Transceiver For Use In Wireless Local Area Network And Having Multipath Mitigation Andren, Carl
(PCT/US1999/000851)	WO	(1/15/1999)	Method Of Performing Antenna Diversity In Spread Spectrum In Wireless Local Area Network Fakatselis, John
(KR10-2000-7007841)	KR	(1/15/1999)	Wireless Local Area Network Spread Spectrum Transceiver With Multipath Mitigation Andren, Carl
(KR10-2000-7007875)	KR	(1/15/1999)	Spread Spectrum Transceiver For Use In Wireless Local Area Network And Having Multipath Mitigation Andren, Carl
(KR10-2000-7007843)	KR	(1/15/1999)	Spread Spectrum Transceiver For Use In Wireless Local Area Network And Having Multipath Mitigation Andren, Carl
(KR10-2000-7007842)	KR	(1/15/1999)	Method Of Performing Antenna Diversity In Spread Spectrum In Wireless Local Area Network Fakatselis, John

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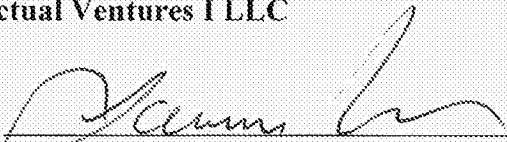
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DATED this 26th day of November 2019.

ASSIGNOR:

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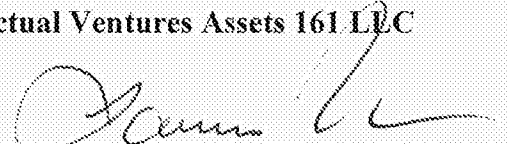
By: 

Name: Lawrence Froeber

Title: Chief Financial Officer

ASSIGNEE:

Intellectual Ventures Assets 161 LLC

By: 

Name: Lawrence Froeber

Title: Chief Financial Officer