

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
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NATURE OF CONVEYANCE:	ASSIGNMENT
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CONVEYING PARTY DATA	
Name	Execution Date
Xponent (assignment for the benefit of creditors), LLC	11/13/2007

RECEIVING PARTY DATA	
Name:	Hoya Corporation USA
Street Address:	101 Metro Drive
Internal Address:	Suite 500
City:	San Jose
State/Country:	CALIFORNIA
Postal Code:	95110

PROPERTY NUMBERS Total: 112

Property Type	Number
Patent Number:	6888987
Patent Number:	6891997
Patent Number:	6865317
Patent Number:	6891996
Patent Number:	6970623
Patent Number:	6907169
Patent Number:	7106917
Patent Number:	6959123
Patent Number:	7130509
Patent Number:	7031577
Patent Number:	6999671
Patent Number:	6839491
Patent Number:	6870992
Patent Number:	7164825

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Patent Number:	7050681
Patent Number:	7158702
Patent Number:	6987913
Patent Number:	6981806
Patent Number:	7148465
Patent Number:	6992276
Patent Number:	6847748
Patent Number:	7142772
Patent Number:	7031575
Patent Number:	7095928
Patent Number:	6942397
Patent Number:	7136564
Patent Number:	6975798
Patent Number:	7227880
Patent Number:	6917636
Patent Number:	7269317
Patent Number:	7233713
Patent Number:	6985646
Patent Number:	7184643
Patent Number:	7223025
Patent Number:	7228032
Patent Number:	7164838
Application Number:	60183499
Application Number:	60226147
Application Number:	60257248
Application Number:	60257218
Application Number:	60301519
Application Number:	60322272
Application Number:	60335656
Application Number:	60334705
Application Number:	60333236
Application Number:	60360261
Application Number:	11623688
Application Number:	11618643
Application Number:	60393974

Application Number:	60405590
Application Number:	60413986
Application Number:	60417805
Application Number:	60442288
Application Number:	60418450
Application Number:	11564144
Application Number:	60425370
Application Number:	60442289
Application Number:	60455712
Application Number:	10836642
Application Number:	60462600
Application Number:	60466799
Application Number:	60473699
Application Number:	60490134
Application Number:	11559520
Application Number:	11754297
Application Number:	11754298
Application Number:	11765134
Application Number:	11678055
Application Number:	60536176
Application Number:	60547273
Application Number:	60570729
Application Number:	11754986
Application Number:	60584654
Application Number:	11239658
Application Number:	60617273
Application Number:	11623610
Application Number:	11382007
Application Number:	60678713
Application Number:	11456294
Application Number:	60699814
Application Number:	11562684
Application Number:	60739398
Application Number:	11690811
Application Number:	60743723

Application Number:	11681352
Application Number:	60778777
Application Number:	60821181
Application Number:	60915677
Application Number:	60871133
Application Number:	60955342
PCT Number:	US0149854
PCT Number:	US0220668
PCT Number:	US0229095
PCT Number:	US0237487
PCT Number:	US0328419
PCT Number:	US0332207
PCT Number:	US0320330
PCT Number:	US0327238
PCT Number:	US0330205
PCT Number:	US0337457
PCT Number:	US0323752
PCT Number:	US0401207
PCT Number:	US0423928
PCT Number:	US0413290
PCT Number:	US0536097
PCT Number:	US0501673
PCT Number:	US0523166
PCT Number:	US0605176
PCT Number:	US0617738
PCT Number:	US0626578
PCT Number:	US0661235
PCT Number:	US0763245

CORRESPONDENCE DATA

Fax Number: (626)577-8800

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

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Address Line 1: P.O. Box 7068

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PATENT

REEL: 020156 FRAME: 0488

ATTORNEY DOCKET NUMBER:

X6:10/SAH

NAME OF SUBMITTER:

Art Hasan

Total Attachments: 12

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PATENT ASSIGNMENT AGREEMENT

WHEREAS, pursuant to that certain Asset Purchase Agreement, dated November 13, 2007, by and between Xponent (assignment for the benefit of creditors), LLC, a California limited liability company ("**Assignor**") designated as the assignee for benefit of creditors of Xponent Photonics Inc., a California corporation, pursuant to the laws of the State of California, and Hoya Corporation USA, a California corporation ("**Assignee**"), Assignor transferred ownership of all of its right, title and interest in substantially all of its assets to Assignee (the "**Purchase Assignment**");

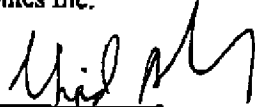
WHEREAS, Assignor and Assignee desire to memorialize the transfer of Assignor's patents and patent applications and related rights to Assignee.

NOW, THEREFORE, BE IT KNOWN, pursuant to the Purchase Agreement, Assignor has conveyed, assigned, transferred, delivered and set over for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, and does hereby convey, assign, transfer, deliver and set over, unto said Assignee, its successors and assigns, (1) the entire worldwide right, title and interest in and to each and all Letters Patents in the United States and in all foreign countries including, without limitation corresponding Patent Cooperation Treaty patent applications and corresponding National patent applications and all inventions, improvements and discoveries disclosed in said Letters Patents and applications which were held by the Company immediately prior to the consummation of the Purchase Agreement, including those set forth in **Schedule A** hereto, and in and to all substitutions, divisions, continuations, continuations-in-part, reexaminations, extensions, renewals and reissues (as applicable) thereof, including without limitation of generality, all rights of priority resulting from the filing of patent applications relating to any of the foregoing as well as any and all choses in action and any and all claims and demands, both at law and in equity, that Assignor has or may have for damages or profits accrued or to accrue on account of the infringement of any of said Letter Patents, patent applications, inventions, improvements and discoveries (or any provisional rights therein), the same to be held and enjoyed by Assignee, its successors and assigns, as fully and entirely as the same would have been held and enjoyed by Assignor if the assignment set forth in this Patent Assignment had not been made; (2) the full and complete right to file patent applications in the name of Assignor or its designee, at the Assignee's, or its designee's election, on the aforesaid inventions, improvements, discoveries and applications in all countries of the world; and (3) the entire right, title and interest in and to any Letter Patent which may issue thereon in the United States or in any country, and any renewals, revivals, reissues, reexaminations and extensions thereof, and any patents of confirmation, registration and importation of the same.

[Signature page follows]

IN WITNESS WHEREOF, Assignor has caused this Patent Assignment to be signed by its duly authorized officer as of November 13, 2007.

Xponent (assignment for the benefit of creditors), LLC,
in its sole and limited capacity as the assignee for the benefit of creditors
Photonics Inc.

By: 
Name: MICHAEL A MASON
Title: MANAGER

Hoya Corporation USA

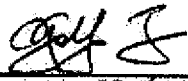
By: _____
Name: _____
Title: _____

IN WITNESS WHEREOF, Assignor has caused this Patent Assignment to be signed by its duly authorized officer as of November 13, 2007.

Xponent (assignment for the benefit of creditors), LLC,
in its sole and limited capacity as the assignee for the benefit of credit
Photonics Inc.

By: _____
Name: _____
Title: _____

Hoya Corporation USA

By: 
Name: LARRY GOLPO
Title: CFO

Schedule A

Schedule A

1	ALG01P	Filed: 02/17/2000 App. #: 60/183,499	Title: RESONANT OPTICAL POWER CONTROL DEVICES AND METHODS OF FABRICATION THEREOF
2	ALG02P	Filed: 08/18/2000 App. #: 60/226,147	Title: FIBER-OPTIC WAVEGUIDES FOR EVANESCENT OPTICAL COUPLING AND METHODS OF FABRICATION AND USE THEREOF
4	ALG03P	Filed: 12/21/2000 App. #: 60/257,248	Title: MODULATORS FOR RESONANT OPTICAL POWER CONTROL DEVICES AND METHODS OF FABRICATION AND USE THEREOF
5	ALG04P	Filed: 12/21/2000 App. #: 60/257,218	Title: WAVEGUIDES AND RESONATORS FOR INTEGRATED OPTICAL DEVICES AND METHODS OF FABRICATION AND USE THEREOF
6	ALG05P	Filed: 06/27/2001 App. #: 60/301,519	Title: WAVEGUIDE-FIBER MACH-ZENDER INTERFEROMETER AND METHODS OF FABRICATION AND USE THEREOF
7	ALG06NP	Filed: 02/16/2001 App. #: 09/788,303	Title: CYLINDRICAL PROCESSING OF OPTICAL MEDIA
8	ALG06PCT		Title: CYLINDRICAL PROCESSING OF OPTICAL MEDIA
9	ALG07NP	Filed: 02/16/2001 App. #: 09/788,331	Title: FIBER-RING OPTICAL RESONATORS
10	ALG07PCT		Title: FIBER-RING OPTICAL RESONATORS
11	ALG08NP	Filed: 02/16/2001 App. #: 09/788,300	Title: RESONANT OPTICAL FILTERS
12	ALG08PCT		Title: RESONANT OPTICAL MODULATORS
13	ALG10NP	Filed: 02/16/2001 App. #: 09/788,301	Title: RESONANT OPTICAL POWER CONTROL DEVICE ASSEMBLIES
14	ALG10PCT		Title: RESONANT OPTICAL CONTROL DEVICE ASSEMBLIES
15	CQC11NP	Filed: 09/13/2002 App. #: 10/243,976	Title: FIBER-OPTIC-TAPER LOOP PROBE FOR CHARACTERIZING OPTICAL COMPONENTS FOR TRANSVERSE OPTICAL COUPLING
16	CQC11P	Filed: 09/13/2001 App. #: 60/322,272	Title: FIBER-OPTIC-TAPER LOOP PROBE FOR CHARACTERIZING TRANSVERSELY-OPTICALLY-COUPLED WAVEGUIDES AND RESONATORS
17	CQC11PCT		Title: FIBER-OPTIC-TAPER LOOP PROBE FOR CHARACTERIZING OPTICAL COMPONENTS FOR TRANSVERSE OPTICAL COUPLING
18	CQC12NP	Filed: 10/30/2002 App. #: 10/284,041	Title: POLARIZATION-ENGINEERED TRANSVERSE-OPTICAL-COUPLING APPARATUS AND METHODS
19	CQC12P	Filed: 10/30/2001 App. #: 60/335,556	Title: POLARIZATION-ENGINEERED TRANSVERSE-OPTICAL-COUPLING APPARATUS AND METHODS
20	CQC12PCT	Filed: 10/30/2002 Pub. #: 10/037,146	Title: POLARIZATION-ENGINEERED TRANSVERSE-OPTICAL-COUPLING APPARATUS AND METHODS
21	CQC13NP	Filed: 12/21/2001 App. #: 10/037,146	Title: RESONANT OPTICAL MODULATORS
22	CQC13PCT	Filed: 12/21/2001 Pub. #: 2003046626	Title: RESONANT OPTICAL MODULATORS

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23	CQC14DV1	ALG04P	Filed: 11/15/2004 App. #: 10/988,975	Issued: 10/25/2005 Pat. #: 6,959,123	Title: MODULATORS INCORPORATING MULTI-LAYER DISPERSION-ENGINEERED WAVEGUIDES
24	CQC14DV2	ALG04P	Filed: 11/16/2004 App. #: 10/991,138	Issued: 10/31/2006 Pat. #: 7,130,509	Title: OPTICAL SWITCHES INCORPORATING MULTI-LAYER DISPERSION-ENGINEERED WAVEGUIDES
25	CQC14DV3	ALG04P	Filed: 11/16/2004 App. #: 10/990,950	Issued: 04/18/2006 Pat. #: 7,031,577	Title: RESONANT OPTICAL DEVICES INCORPORATING MULTI-LAYER DISPERSION-ENGINEERED WAVEGUIDES
26	CQC14DV4	ALG04P	Filed: 11/16/2004 App. #: 10/991,341	Issued: 02/14/2006 Pat. #: 6,999,671	Title: FABRICATION OF MULTI-LAYER DISPERSION-ENGINEERED WAVEGUIDES
27	CQC14NP	ALG04P	Filed: 12/21/2001 App. #: 10/037,966	Issued: 01/04/2005 Pat. #: 6,839,491	Title: MULTI-LAYER DISPERSION-ENGINEERED WAVEGUIDES AND RESONATORS
28	CQC14PCT	ALG04P	Filed: 12/21/2001 Pub. #: 2002050585	AU: 200232738	Title: MULTI-LAYER DISPERSION-ENGINEERED WAVEGUIDES AND RESONATORS
29	CQC15P		Filed: 10/30/2001 App. #: 60/334,705		Title: INTEGRATED END-COUPLED TRANSVERSE-OPTICAL-COUPLING APPARATUS AND METHODS
30	CQC16NP	CQC16P	Filed: 11/22/2002 App. #: 10/302,751	Issued: 03/22/2005 Pat. #: 6,870,992	Title: ALIGNMENT APPARATUS AND METHODS FOR TRANSVERSE OPTICAL COUPLING
31	CQC16P		Filed: 11/23/2001 App. #: 60/333,236		Title: ALIGNMENT APPARATUS AND METHODS FOR TRANSVERSE OPTICAL COUPLING
32	CQC16PCT	CQC16P			Title: ALIGNMENT APPARATUS AND METHODS FOR TRANSVERSE OPTICAL COUPLING
33	CQC17P		Filed: 02/27/2002 App. #: 60/360,261		Title: ALIGNMENT-INSENSITIVE OPTICAL JUNCTION APPARATUS AND METHODS EMPLOYING ADIABATIC OPTICAL POWER TRANSFER
34	XPNT18CN1	CQC15P	Filed: 01/09/2006 App. #: 11/327,920	Issued: 01/16/2007 Pat. #: 7,164,825	Title: OPTICAL JUNCTION APPARATUS AND METHODS EMPLOYING OPTICAL POWER TRANSVERSE-TRANSFER
35	XPNT18CN2	CQC15P	Filed: 01/16/2007 App. #: 11/623,688		Title: OPTICAL JUNCTION APPARATUS AND METHODS EMPLOYING OPTICAL POWER TRANSVERSE-TRANSFER
36	XPNT18DV1	CQC15P	Filed: 05/25/2005 App. #: 11/138,841	Issued: 05/23/2006 Pat. #: 7,050,681	Title: OPTICAL JUNCTION APPARATUS AND METHODS EMPLOYING OPTICAL POWER TRANSVERSE-TRANSFER
37	XPNT18DV1CN1	CQC15P	Filed: 01/17/2006 App. #: 11/333,933	Issued: 01/02/2007 Pat. #: 7,158,702	Title: OPTICAL JUNCTION APPARATUS AND METHODS EMPLOYING OPTICAL POWER TRANSVERSE-TRANSFER
38	XPNT18DV1CN2	CQC15P	Filed: 12/29/2006 App. #: 11/618,643		Title: OPTICAL JUNCTION APPARATUS AND METHODS EMPLOYING OPTICAL POWER TRANSVERSE-TRANSFER
39	XPNT18NP	CQC15P	Filed: 06/28/2002 App. #: 10/187,030	Issued: 01/17/2006 Pat. #: 6,987,913	Title: OPTICAL JUNCTION APPARATUS AND METHODS EMPLOYING OPTICAL POWER TRANSVERSE-TRANSFER
40	XPNT18PCT	60/334/705 10/30/2001 60/360/261 02/27/2002	Filed: 06/28/2002 App. #: PCT/US2002/20668 Pub. # WO/2003/038497	AU: 2002322355 CA: 2464715 EP: 02 756342.8 JP: 2003540709 CN: 02826494.0 KR: 20047006640	Title: OPTICAL JUNCTION APPARATUS AND METHODS EMPLOYING OPTICAL POWER TRANSVERSE-TRANSFER
42	XPNT19NP	XPNT19P	Filed: 07/03/2003 App. #: 10/613,226	Issued: 01/03/2006 Pat. #: 6,981,806	Title: MICRO-HERMETIC PACKAGING OF OPTICAL DEVICES
43	XPNT20P		Filed: 07/05/2002 App. #: 60/393,974	AU: 2003291155	Title: MICRO-HERMETIC PACKAGING OF OPTICAL DEVICES
44	XPNT21P		Filed: 08/22/2002 App. #: 60/405,590		Title: GRATING-STABILIZED SEMICONDUCTOR LASER
			Filed: 09/25/2002 App. #: 60/413,986		Title: FREE-SPACE OPTICAL PROPAGATION BETWEEN A WAVEGUIDE AND A FIBER

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45	XPNT22CN1	XPNT22P	Filed: 01/31/2006 App. #: 11/345,055	Issued: 12/12/2006 Pat. #: 7,148,465	Title: SEMICONDUCTOR PHOTODETECTOR WITH INTERNAL REFLECTOR
46	XPNT22NP	XPNT22P	Filed: 09/12/2003 App. #: 10/661,709	Issued: 01/31/2006 Pat. #: 6,992,276	Title: SEMICONDUCTOR PHOTODETECTOR WITH INTERNAL REFLECTOR
47	XPNT22P	XPNT22P	Filed: 10/10/2002 App. #: 60/417,805		Title: SEMICONDUCTOR PHOTODETECTOR WITH INTERNAL REFLECTOR
48	XPNT22PCT	60/417,805 10/10/2002	Filed: 09/12/2003 App. #: PCT/US2003/28419 Pub. # WO/2004/034423	AU: 2003270519 CA: 2501420 EP: 20030752217 JP: 2004543284 CN: 038251531 KR: 20057006252	Title: SEMICONDUCTOR PHOTODETECTOR WITH INTERNAL REFLECTOR
49	XPNT23P		Filed: 01/24/2003 App. #: 60/442,288		Title: ETCHED-FACET SEMICONDUCTOR OPTICAL COMPONENT WITH INTEGRATED END-COUPLED WAVEGUIDE AND METHODS OF FABRICATION AND USE THEREOF
50	XPNT24NP	XPNT24P	Filed: 09/24/2003 App. #: 10/671,244	Issued: 01/25/2005 Pat. #: 6,847,748	Title: HEAT SINK FOR A PLANAR WAVEGUIDE SUBSTRATE
51	XPNT24P	XPNT24P	Filed: 10/15/2002 App. #: 60/418,450		Title: HEAT SINK FOR A PLANAR WAVEGUIDE SUBSTRATE
52	XPNT24PCT	XPNT24P	Filed: 09/24/2003 App. #: US03/030205 Abandoned	AU: 2003278910	Title: HEAT SINK FOR A PLANAR WAVEGUIDE SUBSTRATE
53	XPNT25CN1	XPNT25P	Filed: 11/28/2006 App. #: 11/564,144		Title: OPTICAL COMPONENT FOR FREE-SPACE OPTICAL PROPAGATION BETWEEN WAVEGUIDES
54	XPNT25DV1	XPNT25P	Filed: 04/11/2006 App. #: 11/279,250	Issued: 11/28/2006 Pat. #: 7,142,772	Title: OPTICAL COMPONENT FOR FREE-SPACE OPTICAL PROPAGATION BETWEEN WAVEGUIDES
55	XPNT25NP	XPNT25P	Filed: 10/09/2003 App. #: 10/682,768	Issued: 04/18/2006 Pat. #: 7,031,575	Title: OPTICAL COMPONENT FOR FREE-SPACE OPTICAL PROPAGATION BETWEEN WAVEGUIDES
56	XPNT25P	XPNT25P	Filed: 11/12/2002 App. #: 60/425,370		Title: REFLECTIVE AND/OR TRANSMISSIVE OPTICAL COMPONENT FOR FREE-SPACE OPTICAL PROPAGATION BETWEEN WAVEGUIDES
57	XPNT25PCT	60/425,370 11/12/2002 60/466,799 04/29/2003	Filed: 10/09/2003 App. #: PCT/US2003/32207 Pub. # WO/2004/044622	AU: 2003284056 CA: 2505256 EP: 20030776286 JP: 2005507041 CN: 200380108168.4 KR: 20057008365	Title: OPTICAL COMPONENT FOR FREE-SPACE OPTICAL PROPAGATION BETWEEN WAVEGUIDES
58	XPNT26P		Filed: 01/24/2003 App. #: 60/442,289		Title: GRATING-STABILIZED SEMICONDUCTOR LASER
59	XPNT27P		Filed: 03/17/2003 App. #: 60/455,712		Title: OPTICAL ASSEMBLIES FOR FREE-SPACE OPTICAL PROPAGATION BETWEEN WAVEGUIDE(S) AND/OR FIBER(S)
60	XPNT28DV1	XPNT30P	New		Title: LASER AND PHOTODETECTOR COUPLED BY PLANAR WAVEGUIDES
61	XPNT28DV2	XPNT30P	New		Title: LASER AND PHOTODETECTOR COUPLED BY PLANAR WAVEGUIDES
62	XPNT28NP	XPNT30P	Filed: 04/29/2004 App. #: 10/836,642		Title: LASER AND PHOTODETECTOR COUPLED BY PLANAR WAVEGUIDES
63	XPNT29P		Filed: 04/11/2003 App. #: 60/462,600		Title: ETCHED-FACET SEMICONDUCTOR OPTICAL COMPONENT WITH INTEGRATED END-COUPLED WAVEGUIDE AND METHODS OF FABRICATION AND USE THEREOF
64	XPNT30P		Filed: 04/29/2003 App. #: 60/466,799		Title: LOW-PROFILE-CORE AND THIN-CORE OPTICAL WAVEGUIDES AND METHODS OF FABRICATION AND USE THEREOF

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65	XPNT31NP	XPNT31P	Filed: 11/25/2003 App. #: 10/721,631 Filed: 05/27/2003 App. #: 60/473,699	Issued: 08/22/2006 Pat. #: 7,095,928	Title: SURFACE-MOUNTED PHOTODETECTOR FOR AN OPTICAL WAVEGUIDE Title: SURFACE-MOUNTED PHOTODETECTOR FOR AN OPTICAL WAVEGUIDE
66	XPNT31P	XPNT31PCT	Filed: 11/25/2003 App. #: US03/37457		Title: SURFACE-MOUNTED PHOTODETECTOR FOR AN OPTICAL WAVEGUIDE
67	XPNT32NP	XPNT32P	Filed: 07/24/2004 App. #: 10/898,153	Issued: 09/13/2005 Pat. #: 6,942,397	Title: PACKAGING FOR A FIBER-COUPLED OPTICAL DEVICE
68	XPNT32P	XPNT32PCT	Filed: 07/25/2003 App. #: 60/490,134		Title: PACKAGING FOR A FIBER-COUPLED OPTICAL DEVICE
69	XPNT33CNI	XPNT19P	Filed: 12/09/2005 App. #: 11/298,264	Issued: 11/14/2006 Pat. #: 7,136,564	Title: WAVEGUIDES ASSEMBLED FOR TRANSVERSE-TRANSFER OF OPTICAL POWER
70	XPNT33CN2	XPNT19P	Filed: 11/14/2006 App. #: 11/559,520		Title: TRANSVERSE-TRANSFER OF OPTICAL POWER BETWEEN ASSEMBLED WAVEGUIDES
71	XPNT33NP	XPNT19P	Filed: 06/27/2003 App. #: 10/609,018	Issued: 12/13/2005 Pat. #: 6,975,798	Title: WAVEGUIDES ASSEMBLED FOR TRANSVERSE-TRANSFER OF OPTICAL POWER
72	XPNT33PCT	10/187,030 06/28/2002 60/393,974 07/05/2002 60/466,799 04/29/2003	Filed: 06/27/2003 App. #: PCT/US2003/20330 Pub.# WO/2004/003614	AU: 2003247748 CA: 2491403 EP: 20030762137 JP: 2004549834	Title: WAVEGUIDES ASSEMBLED FOR TRANSVERSE-TRANSFER OF OPTICAL POWER
73	XPNT34CNI	XPNT20P	Filed: 05/26/2005 App. #: 11/140,022	Issued: 06/05/2007 Pat. #: 7,227,880	Title: GRATING-STABILIZED SEMICONDUCTOR LASER
74	XPNT34NP	XPNT20P	Filed: 07/30/2003 App. #: 10/630,319	Issued: 07/12/2005 Pat. #: 6,917,636	Title: GRATING-STABILIZED SEMICONDUCTOR LASER
75	XPNT34PCT	XPNT20P	Filed: 07/30/2003 Pub. #: 2004038871 Filed: 01/16/2004 Pub. #: 2004068542	AU: 2003298532	Title: GRATING-STABILIZED SEMICONDUCTOR LASER
76	XPNT35DV1	XPNT21P	Filed: 05/27/2007 App. #: 11/754,297		Title: OPTICAL ASSEMBLIES FOR FREE-SPACE OPTICAL PROPAGATION BETWEEN WAVEGUIDE(S) AND FIBER(S)
77	XPNT35DV2	XPNT21P	Filed: 05/27/2007 App. #: 11/754,298		Title: OPTICAL ASSEMBLIES FOR FREE-SPACE OPTICAL PROPAGATION BETWEEN WAVEGUIDE(S) AND FIBER(S)
78	XPNT35NP	XPNT21P	Filed: 08/29/2003 App. #: 10/652,955	Issued: 09/11/2007 Pat. #: 7,269,317	Title: OPTICAL ASSEMBLIES FOR FREE-SPACE OPTICAL PROPAGATION BETWEEN WAVEGUIDE(S) AND FIBER(S)
79	XPNT35PCT	60/413,986 09/25/2002 60/455,712 03/17/2003 60/466,799 04/29/2003	Filed: 08/29/2003 App. #: PCT/US2003/27238 Pub.# WO/2004/029669	AU: 2003278747 CA: 2500053 EP: 20030770271 JP: 2004540036	Title: OPTICAL ASSEMBLIES FOR FREE-SPACE OPTICAL PROPAGATION BETWEEN WAVEGUIDE(S) AND/OR FIBER(S)
80	XPNT36CNI	XPNT23P	Filed: 01/09/2006 App. #: 11/328,406	Issued: 06/19/2007 Pat. #: 7,233,713	Title: ETCHED-FACET SEMICONDUCTOR OPTICAL COMPONENT WITH INTEGRATED END-COUPLED WAVEGUIDE AND METHODS OF FABRICATION AND USE THEREOF
81	XPNT36CN2	XPNT23P	Filed: 06/19/2007 App. #: 11/765,134		Title: ETCHED-FACET SEMICONDUCTOR OPTICAL COMPONENT WITH INTEGRATED END-COUPLED WAVEGUIDE AND METHODS OF FABRICATION AND USE THEREOF

84	XPNT36NP	XPNT23P	Filed: 01/16/2004 App. #: 10/759,858	Issued: 01/10/2006 Pat. #: 6,985,646	Title: ETCHED-FACET SEMICONDUCTOR OPTICAL COMPONENT WITH INTEGRATED END-COUPLED WAVEGUIDE AND METHODS OF FABRICATION AND USE THEREOF
85	XPNT36PCT	XPNT23P	Filed: 01/16/2004 App. #: US04/01207		Title: ETCHED-FACET SEMICONDUCTOR OPTICAL COMPONENT WITH INTEGRATED END-COUPLED WAVEGUIDE AND METHODS OF FABRICATION AND USE THEREOF
86	XPNT37DVI	XPNT30P	Filed: 02/22/2007 App. #: 11/678,055		Title: MULTIPLE-CORE PLANAR OPTICAL WAVEGUIDES AND METHODS OF FABRICATION AND USE THEREOF
87	XPNT37NP	XPNT30P	Filed: 04/29/2004 App. #: 10/836,641	Issued: 02/27/2007 Pat. #: 7,184,643	Title: MULTIPLE-CORE PLANAR OPTICAL WAVEGUIDES AND METHODS OF FABRICATION AND USE THEREOF
88	XPNT37PCT	XPNT30P	Filed: 04/29/2004 App. #: US2004/013290		Title: MULTIPLE-CORE PLANAR OPTICAL WAVEGUIDES AND METHODS OF FABRICATION AND USE THEREOF
89	XPNT38P		Filed: 01/12/2004 App. #: 60/536,176		Title: APPARATUS AND METHODS FOR LAUNCHING AN OPTICAL SIGNAL INTO MULTIMODE OPTICAL FIBER
90	XPNT39P		Filed: 02/24/2004 App. #: 60/547,273		Title: APPARATUS AND METHODS FOR LAUNCHING AN OPTICAL SIGNAL INTO MULTIMODE OPTICAL FIBER
91	XPNT40P		Filed: 05/13/2004 App. #: 60/570,729		Title: SHIELDED ELECTRONIC CIRCUIT ELEMENT FOR AN OPTOELECTRONIC DEVICE
92	XPNT41P				Title: COMPOUND LASER REFLECTOR
93	XPNT42CNI	XPNT42P	Filed: 05/29/2007 App. #: 11/754,986		Title: PACKAGING FOR A FIBER-COUPLED OPTICAL DEVICE
94	XPNT42NP	XPNT42P	Filed: 06/29/2005 App. #: 11/171,469	Issued: 05/29/2007 Pat. #: 7,223,025	Title: PACKAGING FOR A FIBER-COUPLED OPTICAL DEVICE
95	XPNT42P		Filed: 06/30/2004 App. #: 60/584,654		Title: PACKAGING FOR A FIBER-COUPLED OPTICAL DEVICE
96	XPNT42PCT	60/584,654 06/30/2004	Filed: 06/29/2005 App. #: PCT/US2005/023166 Pub. # WO/2006/004864	CA: 2572741 EP: 20050786438 JP: 2007519410	Title: PACKAGING FOR A FIBER-COUPLED OPTICAL DEVICE
97	XPNT43NP	XPNT43P	Filed: 09/28/2005 App. #: 11/239,658		Title: BONDED COMPONENTS AND COMPONENT BONDING
98	XPNT43P		Filed: 10/09/2004 App. #: 60/617,273		Title: BONDED COMPONENTS AND COMPONENT BONDING
99	XPNT43PCT	XPNT43P	Filed: 10/06/2005 App. #: US05/036097		Title: BONDED COMPONENTS AND COMPONENT BONDING
100	XPNT44NP	XPNT38P	Filed: 01/12/2005 App. #: 11/035,735	Issued: 06/05/2007 Pat. #: 7,228,032	Title: APPARATUS AND METHODS FOR LAUNCHING AN OPTICAL SIGNAL INTO MULTIMODE OPTICAL FIBER
101	XPNT44PCT	XPNT38P	Filed: 01/12/2005 App. #: US05/001673		Title: APPARATUS AND METHODS FOR LAUNCHING AN OPTICAL SIGNAL INTO MULTIMODE OPTICAL FIBER
102	XPNT45CNI	XPNT45NP	Filed: 01/16/2007 App. #: 11/623,610		Title: MULTIPLE-CORE PLANAR OPTICAL WAVEGUIDES AND METHODS OF FABRICATION AND USE THEREOF
103	XPNT45NP		Filed: 02/15/2005 App. #: 11/058,535	Issued: 01/16/2007 Pat. #: 7,164,838	Title: MULTIPLE-CORE PLANAR OPTICAL WAVEGUIDES AND METHODS OF FABRICATION AND USE THEREOF

104	XPNT45PCT	11/058,535 02/15/2005	Filed: 02/13/2006 App. #: PCT/US2006/005176 Pub. # WP/2006/088872	Title: MULTIPLE-CORE PLANAR OPTICAL WAVEGUIDES AND METHODS OF FABRICATION AND USE THEREOF
105	XPNT46NP	XPNT46P	Filed: 05/05/2006 App. #: 11/382,007	Title: SUPPRESSION OF STRAY LIGHT PROPAGATION IN A SUBSTRATE
106	XPNT46P		Filed: 05/06/2005 App. #: 60/678,713	Title: SUPPRESSION OF STRAY LIGHT PROPAGATION IN A SUBSTRATE
107	XPNT46PCT	60/678,713 05/06/2005 11/382,007 05/05/2006	Filed: 05/06/2006 App. #: PCT/US2006/017738 Pub. # WO/2006/122032	Title: SUPPRESSION OF STRAY LIGHT PROPAGATION IN A SUBSTRATE
108	XPNT47NP	XPNT47P	Filed: 07/10/2006 App. #: 11/456,294	Title: REFLECTOR FOR A DOUBLE-PASS PHOTODETECTOR
109	XPNT47P		Filed: 07/15/2005 App. #: 60/699,814	Title: REFLECTOR FOR A DOUBLE-PASS PHOTODETECTOR
110	XPNT47PCT	60/699,814 07/15/2005 11/456,294 07/10/2006	Filed: 07/10/2006 App. #: PCT/US2006/026578 Pub. # WO/2007/011558	Title: REFLECTOR FOR A DOUBLE-PASS PHOTODETECTOR
111	XPNT48NP	XPNT48P	Filed: 11/22/2006 App. #: 11/562,684	Title: LASER SOURCE FOR A PASSIVE OPTICAL NETWORK
112	XPNT48P		Filed: 11/23/2005 App. #: 60/739,398	Title: LASER SOURCE FOR A PASSIVE OPTICAL NETWORK
113	XPNT48PCT	60/739,398 11/23/2005 11/562,684 11/22/2006	Filed: 11/23/2006 App. #: PCT/US2006/061235 Pub. # WO/2007/062407	Title: LASER SOURCE FOR A PASSIVE OPTICAL NETWORK
114	XPNT49NP	XPNT49P	Filed: 03/24/2007 App. #: 11/690,811	Title: DISTORTION-COMPENSATED OPTICAL RECEIVER
115	XPNT49P		Filed: 03/24/2006 App. #: 60/743,723	Title: DISTORTION-COMPENSATED OPTICAL RECEIVER
116	XPNT50NP	XPNT50P	Filed: 03/02/2007 App. #: 11/681,352	Title: FIBER-COUPLED OPTICAL DEVICE MOUNTED ON A CIRCUIT BOARD
117	XPNT50P		Filed: 03/03/2006 App. #: 60/778,777	Title: FIBER-COUPLED OPTICAL DEVICE MOUNTED ON A CIRCUIT BOARD
118	XPNT50P2		Filed: 08/02/2006 App. #: 60/821,181	Title: FIBER-COUPLED OPTICAL DEVICE MOUNTED ON A CIRCUIT BOARD
119	XPNT50PCT	60/778,777 03/03/2006 60/821,181 08/02/2006 11/681,352 03/02/2007	Filed: 03/03/2007 App. #: PCT/US2007/063245 Publication: 09/03/2007	Title: FIBER-COUPLED OPTICAL DEVICE MOUNTED ON A CIRCUIT BOARD
120	XPNT51P			Title: CORROSION-RESISTANT PHOTODIODE

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REEL: 020156 FRAME: 0499

121	XPNT52P	Filed: 05/02/2007 App. #: 60/915,677	Title: OPTICAL ELEMENT FOR FREE-SPACE PROPAGATION BETWEEN A WAVEGUIDE AND ANOTHER OPTICAL COMPONENT OR DEVICE
122	XPNT53P	Filed: 12/20/2006 App. #: 60/871,133	Title: INDEPENDENT UPSTREAM/DOWNSTREAM BANDWIDTH ALLOCATIONS IN A COMMON HYBRID TELECOMMUNICATIONS NETWORK
123	XPNT53P2	New	Title: INDEPENDENT UPSTREAM/DOWNSTREAM BANDWIDTH ALLOCATIONS IN A COMMON HYBRID TELECOMMUNICATIONS NETWORK
124	XPNT54P	New	Title: SOLDER LAYERS
125	XPNT55P	New	Title: GOLD BUMPS
126	XPNT56P	New	Title: LOW-POWER RECEIVER CIRCUIT
127	XPNT57P	New	Title: LOW-POWER TRANSMITTER CIRCUIT
128	XPNT58P	Filed: 08/11/2007 App. #: 60/955,342	Title: MAINTAINING LASER WAVELENGTH SEPARATION IN AN OPTICAL NETWORK
129	XPNT59P	New	Title: FIBER-COUPLED OPTICAL DEVICE MOUNTED ON A CIRCUIT BOARD.

ALL-PURPOSE ACKNOWLEDGMENT FOR CALIFORNIA

STATE OF CALIFORNIA New York)
COUNTY OF New York) SS.

On the 13th DAY OF November 2007 before me, Edgar Gelabert
Date Name And Title Of Officer (e.g. 'Jerro Doc, Notary Public')
personally appeared Michael Maity
Name(s) of Signer(s)

- personally known to me
- proved to me on the basis of satisfactory evidence

to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

Edgar Gelabert
Notary Public, State of New York
No. 01GE6082297
Qualified In New York County
Commission Expires Oct. 21, 2010

Please Notary Seal Above

Edgar Gelabert
Signature of Notary Public

OPTIONAL

Though the information below is not required by law, it may prove valuable to persons relying on the document and could prevent fraudulent removal and reattachment of this form to another document.

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- Trustee
- Guardian or Conservator
- Other: _____

Signer is representing: _____

