

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Optimer Photonics, Inc.	12/31/2007
RECEIVING PARTY DATA	
Name:	Battelle Memorial Institute
Street Address:	505 King Avenue
City:	Columbus
State/Country:	OHIO
Postal Code:	43201-2696
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	11774132
CORRESPONDENCE DATA	
Fax Number:	(937)449-6405
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
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ATTORNEY DOCKET NUMBER:	OPI 0033 NA/41004.99
NAME OF SUBMITTER:	James E. Beyer
Total Attachments: 20 source=Assignment_Optimer_to_Battelle#page1.tif source=Assignment_Optimer_to_Battelle#page2.tif source=Assignment_Optimer_to_Battelle#page3.tif source=Assignment_Optimer_to_Battelle#page4.tif	

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INTELLECTUAL PROPERTY ASSET PURCHASE AGREEMENT

THIS INTELLECTUAL PROPERTY ASSET PURCHASE AGREEMENT (the "Agreement") is entered into as of the 31st day of December, 2007, between **Battelle Memorial Institute**, an Ohio non-profit corporation ("Purchaser") and **Optimer Photonics, Inc.**, a Delaware corporation ("Seller"), under the following circumstances:

A. Seller has certain outstanding obligations that are presently due and owing to Purchaser. Purchaser has liens on all the Intellectual Property Assets (defined below) that are the subject of this Agreement securing Seller's payment and performance of its obligations to Purchaser.

B. Seller owns and desires to sell to Purchaser and Purchaser desires to buy from Seller the Intellectual Property Assets described below upon the terms and conditions of this Agreement.

NOW, THEREFORE, in consideration of the foregoing and the mutual covenants contained herein and other good and valuable consideration, the receipt and adequacy of which are hereby acknowledged, the parties agree as follows:

1. Purchase and Sale of Assets. Seller agrees to sell, assign, transfer, convey, and deliver to Purchaser, and Purchaser agrees to buy from Seller upon the terms and conditions of this Agreement, any and all proprietary information or intellectual property rights that are owned, licensed or otherwise available for use by the Seller, including, without limitation, the following (collectively, the "Intellectual Property Assets"), which are listed on **Exhibit A**, attached hereto and made a part hereof:

1.1. all patents and patent applications, together with all reissuances, continuations, continuations-in-part, revisions, divisionals, extensions and reexaminations thereof;

1.2. all trademarks, trademark registrations and applications;

1.3. all service marks, service mark registrations and applications;

1.4. all trade names, trade dress, logos, slogans and general intangibles of like nature;

1.5. all copyrights, and registrations and applications therefore;

1.6. all Internet domain names and Web-site content;

1.7. all computer software programs and software development tools, including all source and object code, as applicable;

1.8. all databases and compilations, including any and all data and collections of data, whether machine readable or otherwise;

1.9. all descriptions, flow charts and other work product used to design, plan, organize and develop any of the Intellectual Property Assets;

1.10. MTAs and CDAs;

1.11. Intellectual Property Licenses (as defined below);

1.12. all know-how, unpatented inventions, proprietary technical data, and trade secrets (including, without limitation, any records or materials relating to product development, design and schematics); and

1.13. all documentation, including, but not limited to laboratory notebooks, technical information, unpublished development information, user manuals and training materials, relating to any of the Intellectual Property Assets.

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6. Representations and Warranties of Seller. Seller hereby represents and warrants to Purchaser that, as of the date hereof, and as of the date of the Closing:

6.1. Organization. Seller is a corporation duly organized, validly existing and in good standing under the laws of the State of Delaware.

6.2. Authorization. The transactions contemplated by this Agreement have been duly authorized by the board of directors and, if required under applicable law, by the shareholders of Seller and this Agreement and all assignments, documents, certificates and other instruments to be executed and delivered on behalf of Seller pursuant to this Agreement (collectively, the "Closing Documents") have been duly executed and delivered by all appropriate corporate action of Seller and by an authorized officer of Seller. This Agreement and each of the Closing Documents constitute the valid and binding obligation of Seller, enforceable against Seller in accordance with their respective terms, except as enforceability may be limited by

bankruptcy, reorganization, insolvency or other laws affecting creditors' rights generally or equitable principles.

6.3. Intellectual Property.

- (a) Attached Exhibit A contains a complete and correct list of all Intellectual Property Assets owned or claimed by Seller. Each item listed on Exhibit A is in full force and effect. Each issued patent, registered trademark, registered trade name, registered service mark and registered copyright listed on Exhibit A has been duly issued by or registered with the applicable federal, state, foreign or local agency, which agency is noted on Exhibit A, and has not been canceled, expired or affirmatively abandoned. Except as set forth on Exhibit A, Seller is the sole and exclusive owner of, or has the valid right to use all the Intellectual Property Assets free and clear of any lien, charge, covenant, condition, adverse claim, demand, encumbrance, limitation, security interest, pledge, lease, conditional sales contract, right of first refusal, option or any other title defect or restriction of any kind, including, but not limited to, liens for any taxes (collectively, "Liens"), except for the Liens of Purchaser and Mitsubishi Corporation.
- (b) Seller is currently listed in the records of the appropriate federal, foreign, state or local agency as the sole owner of record of each application and registration listed on Exhibit A.
- (c) There is no existing or, to Seller's knowledge, threatened opposition, interference, cancellation proceeding (stayed or otherwise) or other legal or governmental proceeding before any court or registration authority in any jurisdiction against the Intellectual Property Assets.
- (d) All material agreements pertaining to the use of or granting any right to use or practice any rights under or in connection with any of the Intellectual Property Assets, whether Seller is the licensee or licensor thereunder, and any written settlements or assignments relating to any of the Intellectual Property Assets are set forth on Exhibit A, except for agreements pertaining to off-the-shelf applications or software licensed pursuant to any "shrink-wrap" or "click-wrap" license (collectively, the "Intellectual Property Licenses"). Seller has delivered to Purchaser true and correct copies of all such Intellectual Property Licenses.
- (e) No trade secret or confidential information or know-how relating to any of the Intellectual Property Assets or that is material to the business of Seller has been disclosed or authorized to be disclosed to any third-party other than pursuant to a non-disclosure

agreement that uses reasonable efforts to protect Seller's proprietary interests in and to such trade secrets and confidential information and know-how.

- (f) None of the Intellectual Property Assets interfere with, infringe upon or misappropriate any intellectual property right owned or controlled by any third-party. To Seller's knowledge, no third party is interfering with, infringing upon or misappropriating any of the Intellectual Property Assets and no such claims have been made against a third-party by Seller. There are no claims or suits pending or, to Seller's knowledge, threatened, and, in the past five (5) years, Seller has not received any written notice of a third-party demand, claim or suit, alleging that any of the Intellectual Property Assets, any of Seller's activities or the conduct of its business infringes or infringed upon or constitutes or constituted the unauthorized use of the proprietary rights of any third party or challenging the ownership, use validity and enforceability of any Intellectual Property Assets.
- (g) All present and former employees and consultants of Seller with responsibility for developing or implementing the Intellectual Property Assets have executed and delivered to Seller agreements assigning to Seller their respective entire rights, title and interests in and to any intellectual property arising from services performed for Seller by such persons. No present or former officer, director, employee or consultant of Seller has any rights, title or interests, directly or indirectly, in whole or in part, in or to any of the Intellectual Property Assets.
- (h) The execution, delivery and performance of this Agreement, and the consummation of the transactions contemplated hereby, will not cause the forfeiture or termination of any of the Intellectual Property Assets.

6.4. Consent. Seller has not conveyed, transferred, assigned or granted (by license or otherwise) to any other person or entity any rights in or to any of the Intellectual Property Assets, except as identified in Exhibit A. The execution, delivery and performance by Seller of this Agreement and the Closing Documents, the consummation of the transactions contemplated by this Agreement, and Purchaser's right to use the Intellectual Property Assets after the Closing will require no consent or approval of any other entity, person or governmental authority. Seller has the right to transfer and assign to Purchaser all the Intellectual Property Assets, including, but not limited to, the software contained in the Intellectual Property Assets, free and clear of any Liens of any other person.

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IN WITNESS WHEREOF, the parties hereto make and execute this Asset Purchase Agreement to be effective on the date first above written.

Seller:

Optimer Photonics, Inc.

By: Philip W. Schofield
Print Name: PHILIP W. SCHOFIELD
Title: President/CEO

Purchaser:

Battelle Memorial Institute

By: Stephen H. Valentine
Print Name: Stephen H. Valentine
Title: Vice President, Controller and Assistant Treasurer

EXHIBIT A
INTELLECTUAL PROPERTY ASSETS

1.1. all patents and patent applications, together with all reissuances, continuations, continuations-in-part, revisions, extensions and reexaminations thereof:

See Schedule A 1.1

Any other patents or patent applications not identified, but owned by or licensed to Seller to the extent transferable.

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Case Number	Country	Case Type	Client Reference	Application Number	Effective Filing Date	Title	Granted Date	Status	Granted Patent Number
OPI0001	CA	Utility	P.F. 0203	2477542	14-Mar-03	Electrode and core arrangements for polarization-independent waveguides		Pending	
OPI0001	EP	Utility	P.F. 0203	03721374.1	14-Mar-03	Electrode and core arrangements for polarization-independent waveguides		Pending	
OPI0001	JP	Utility	P.F. 0203	2003-577049	14-Mar-03	Electrode and core arrangements for polarization-independent waveguides		Pending	
OPI0001	US	Utility	P.F. 0203	10/098731	15-Mar-02	Electrode and core arrangements for polarization-independent waveguides	21-Sep-04	Granted	6,795,597
OPI0001	WO	PCT	P.F. 0203	US03/07961	14-Mar-03	Electrode and core arrangements for polarization-independent waveguides		Expired	
OPI0003	CA	Utility	P.F. 0203	2492199	26-Jun-03	Scheme for Controlling Polarization in Waveguides		Pending	
OPI0003	EP	Utility	P.F. 0203	03764325.1	26-Jun-03	Scheme for Controlling Polarization in Waveguides		Pending	
OPI0003	JP	Utility	P.F. 0203	04-521497	26-Jun-03	Scheme for Controlling Polarization in Waveguides		Pending	
OPI0003 MA	US	Provisional	P.F. 0203	60/395590	12-Jul-02	Methods for controlling polarization in functional clad waveguides		Expired	
OPI0003	US	Utility	P.F. 0203	10/302793	22-Nov-02	Scheme for Controlling Polarization in Waveguides	8-Feb-05	Pending	6,853,758
OPI0003	WO	PCT	P.F. 0203	US03/020202	26-Jun-03	Scheme for Controlling Polarization in Waveguides		Expired	
OPI0004	CA	Utility	P.F. 0203	2504128	21-Nov-03	Embedded Electrode Integrated Optical Devices and Methods of Fabrication		Pending	
OPI0004	DE	Utility	P.F. 0203	10393740.4	21-Nov-03	Embedded Electrode Integrated Optical Devices and Methods of Fabrication		Pending	
OPI0004	GB	Utility	P.F. 0203	0508658.2	21-Nov-03	Embedded Electrode Integrated Optical Devices and Methods of Fabrication		Granted	2,409,533
OPI0004	JP	Utility	P.F. 0203	2004-555542	21-Nov-03	Embedded Electrode Integrated Optical Devices and Methods of Fabrication	23-Nov-05	Granted	
OPI0004 MA	US	Provisional	P.F. 0203	60/428160	21-Nov-02	Methods of fabricating integrated optical devices including embedded electrodes		Pending	
OPI0004	US	Utility	P.F. 0203	10/719892	21-Nov-03	Embedded Electrode Integrated Optical Devices and Methods of Fabrication		Expired	
OPI0004	WO	PCT	P.F. 0203	US03/037267	21-Nov-03	Embedded Electrode Integrated Optical Devices and Methods of Fabrication		Published	
OPI0005	CA	Utility	P.F. 0203	2506577	29-Oct-03	Waveguide Device Incorporating Kerr Effect Based Optically Functional Mesliuims		Expired	
OPI0005	DE	Utility	P.F. 0203	10393739	29-Oct-03	Waveguide Device Incorporating Kerr Effect Based Optically Functional Mesliuims		Pending	

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Case Number	Country	Case Type	Client Reference	Application Number	Effective Filing Date	Title	Granted Date	Status	Granted Patent Number
OPI0005	GB	Utility	P.F. 0203	0511409.5	29-Oct-03	Waveguide Device Incorporating Kerr Effect Based Optically Functional Mesliums	21-Jun-06	Granted	2,411,246
OPI0005	JP	Utility	P.F. 0203	2004-570370	29-Oct-03	Waveguide Device Incorporating Kerr Effect Based Optically Functional Mesliums		Pending	
OPI0005 MA	US	Provisional	P.F. 0203	60/427725	20-Nov-02	Electrooptic devices incorporating optically functional Kerr effect materials		Expired	
OPI0005	US	Utility	P.F. 0203	10/395835	24-Mar-03	Waveguide Device Incorporating Kerr Effect Based Optically Functional Mesliums	16-Aug-05	Granted	6,931,164
OPI0005 M2	US	Provisional	P.F. 0203	60/439253	10-Jan-03	Electrooptic devices incorporating optically functional Kerr effect materials		Expired	
OPI0005	WO	PCT	P.F. 0203	US03/034237	29-Oct-03	Waveguide Device Incorporating Kerr Effect Based Optically Functional Mesliums		Expired	
OPI0008	CA	Utility	P.F. 0203	2519571	5-Feb-04	Electrooptic Modulators and Waveguide Devices Incorporating the Same		Pending	
OPI0008	DE	Utility	P.F. 0203	2004/000461.6	5-Feb-04	Electrooptic Modulators and Waveguide Devices Incorporating the Same		Pending	
OPI0008	GB	Utility	P.F. 0203	0519076.4	5-Feb-04	Electrooptic Modulators and Waveguide Devices Incorporating the Same	28-Jan-06	Granted	2,415,264
OPI0008	JP	Utility	P.F. 0203	2006-508666	5-Feb-04	Electrooptic Modulators and Waveguide Devices Incorporating the Same		Pending	
OPI0008	US	Utility	P.F. 0203	10/658218	9-Sep-03	Electrooptic Modulators and Waveguide Devices Incorporating the Same	21-Mar-06	Granted	7,016,555
OPI0008 MA	US	Provisional	P.F. 0203	60/455978	19-Mar-03	2.5 GHz modulator in an electrooptically-clad silica waveguide		Expired	
OPI0008	WO	PCT	P.F. 0203	US04/003285	5-Feb-04	Electrooptic Modulators and Waveguide Devices Incorporating the Same		Expired	
OPI0009	US	Utility	P.F. 0203	10/935481	7-Sep-04	Modulator Array Architectures	17-Oct-06	Granted	7,123,793
OPI0009 MA	US	Provisional	P.F. 0203	60/501460	9-Sep-03	Modulator Array Architectures		Expired	
OPI0009	WO	PCT	P.F. 0203	US04/029075	8-Sep-04	Modulator Array Architectures		Expired	
OPI0010	US	Provisional	P.F. 0203			Arrayed Waveguide Grating Integrated with a Variable Optical Attenuator Array		Expired	
OPI0011	US	Provisional	P.F. 0203			Sensors Employed Electrooptically-Clad Silica PLC's		Expired	

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Case Number	Country	Case Type	Client Reference	Application Number	Effective Filing Date	Title	Granted Date	Status	Granted Patent Number
OPI0012	US	Provisional	P.F. 0203	60/537192	16-Jan-04	Silica Waveguide Electrooptic Modulator Employing Push-Pull Electrodes		Expired	
OPI0013	CA	Utility	P.F. 0203	2556787	22-Feb-05	Fiber-to-the Premise Architecture		Pending	
OPI0013	DE	Utility	P.F. 0203	1120050004244	22-Feb-05	Fiber-to-the Premise Architecture		Pending	
OPI0013	GB	Utility	P.F. 0203	0618232.3	22-Feb-05	Fiber-to-the Premise Architecture		Pending	
OPI0013	JP	Utility	P.F. 0203	2007-500895	22-Feb-05	Fiber-to-the Premise Architecture		Pending	
OPI0013 MA	US	Provisional	P.F. 0203	60/547004	23-Feb-04	Silica PLC architectures for FFTP applications		Expired	
OPI0013	US	Utility	P.F. 0203	11/063022	22-Feb-05	Fiber-to-the Premise Architecture	5-Sep-06	Granted	7,103,277
OPI0013	WO	PCT	P.F. 0203	US05/005293	22-Feb-05	Fiber-to-the Premise Architecture		Expired	
OPI0014			P.F. 0203			Electrode and Core Arrangements for Polarization-Independent Kerr-Based and Real Time Poling Waveguides			
OPI0015	CA	Utility	P.F. 0203	2563278	31-Mar-05	Voltage Induced More Coupling for Modulation and Attenuation of Light		Pending	
OPI0015	DE	Utility	P.F. 0203	1105000780.4	31-Mar-05	Voltage Induced More Coupling for Modulation and Attenuation of Light		Pending	
OPI0015	GB	Utility	P.F. 0203	0622368.9	31-Mar-05	Voltage Induced More Coupling for Modulation and Attenuation of Light		Pending	
OPI0015	JP	Utility	P.F. 0203	2007-507378	31-Mar-05	Voltage Induced More Coupling for Modulation and Attenuation of Light		Pending	
OPI0015 MA	US	Provisional	P.F. 0203	60/560918	9-Apr-04	Voltage Induced More Coupling for Modulation and Attenuation of Light		Expired	
OPI0015	US	Utility	P.F. 0203	11/268316	7-Nov-05	Voltage Induced More Coupling for Modulation and Attenuation of Light	8-May-07	Granted	7,215,851
OPI0015	US	Utility	P.F. 0203	11/268156	7-Nov-05	Voltage Induced More Coupling for Modulation and Attenuation of Light	11-Jul-06	Granted	7,076,134
OPI0015	WO	PCT	P.F. 0203	US05/011003	31-Mar-05	Voltage Induced More Coupling for Modulation and Attenuation of Light		Expired	
OPI0016	CA	Utility	P.F. 0203	253386	12-Jan-05	Electrooptic Modulator Employing DC Coupled Electrodes		Pending	
OPI0016	DE	Utility	P.F. 0203	05722413.1	12-Jan-05	Electrooptic Modulator Employing DC Coupled Electrodes		Pending	
OPI0016	GB	Utility	P.F. 0203		12-Jan-05	Electrooptic Modulator Employing DC Coupled Electrodes		Expired	

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Case Number	Country	Case Type	Client Reference	Application Number	Effective Filing Date	Title	Granted Date	Status	Granted Patent Number
OPI0016	JP	Utility	P.F. 0203	2006-549567	12-Jan-05	Electrooptic Modulator Employing DC Coupled Electrodes		Pending	
OPI0016 MA	US	Provisional P.F. 0203		60/561003	9-Apr-04	DC coupled electrodes for modulation and switching		Expired	
OPI0016	US	Utility	P.F. 0203	11/033038	11-Jan-05	Electrooptic Modulator Employing DC Coupled Electrodes	12-Jun-07	Granted	7,231,102
OPI0016	WO	PCT	P.F. 0203	US05/000969	12-Jan-05	Electrooptic Modulator Employing DC Coupled Electrodes		Expired	
OPI0017 MA	US	Provisional P.F. 0203		60/625036	4-Nov-04	Control of TE and TM Modes in Electrooptic Waveguide Devices		Expired	
OPI0017	US	Utility	P.F. 0203	11/456346	11-Jul-06	Control of TE and TM Modes in Electrooptic Waveguide Devices		Abandoned	
OPI0017	WO	PCT	P.F. 0203	US05/040243	4-Nov-05	Control of TE and TM Modes in Electrooptic Waveguide Devices		Expired	
OPI0018 MA	US	Provisional P.F. 0203		60/630652	23-Nov-04	Silicon Ground Plane in Electro-Optic Waveguide Devices		Expired	
OPI0018 M2	US	Provisional P.F. 0203		60/666870	31-Mar-05	Silicon Ground Plane in Electro-Optic Waveguide Devices		Expired	
OPI0020 MA	US	Provisional P.F. 0203		60/644768	18-Jan-05	Novel electrodes for polarization control of electrooptic material		Expired	
OPI0020	US	Utility	P.F. 0203			Electrode and Core Arrangements for Polarization-Independent Kerr-Based and Real Time Poling Waveguides		Expired	
OPI0021	US	Provisional P.F. 0203		60/658537	4-Mar-05	Electrooptic Bragg-Grating Modulators For Use in the Control and Direction of Light		Expired	
OPI0021	US	Utility	P.F. 0203			Electrooptic Bragg-Grating Modulators For Use in the Control and Direction of Light		Expired	
OPI0021	WO	PCT	P.F. 0203	US06/007669	3-Mar-06	Electrooptic Bragg-Grating Modulators For Use in the Control and Direction of Light		Expired	
OPI0022	US	Provisional P.F. 0203		60/712108	29-Aug-05	Optical Device for Generating and Modulating THz and Other High Frequency Signals		Expired	
OPI0022	US	Utility	P.F. 0203	11/381618	4-May-06	Optical Device for Generating and Modulating THz and Other High Frequency Signals		Pending	

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Case Number	Country	Case Type	Client Reference	Application Number	Effective Filing Date	Title	Granted Date	Status	Granted Patent Number
OPI0022	WO	PCT	P.F. 0203	US2006/032298	18-Aug-06	Optical Device for Generating and Modulating THz and Other High Frequency Signals		Pending	
OPI0023	US	Provisional	P.F. 0203	60/718376	19-Sep-05	The Design of EO Rib Waveguides Compatible with SMF-28		Expired	
OPI0024	US	Provisional	P.F. 0203	60/718377	19-Sep-05	Method of Controlling Attenuation in Polymer-Dispersed Liquid Crystal-Clad Waveguides		Expired	
OPI0025 MA	US	Provisional	P.F. 0203	60/718359	19-Sep-05	Schemes for Controlling Optical Signals in Optically Functional Waveguide Structures		Expired	
OPI0026	US	Provisional	P.F. 0203			Anti-Recoupling Measures for the Single-Waveguide Variable Optical Attenuator		Expired	
OPI0027	US	Provisional	P.F. 0203			Alternative TM Electrode for EO Planar Waveguide Device		Expired	
OPI0028	US	Provisional	P.F. 0203	60/772921	13-Feb-06	Millimeter and Sub-Millimeter Wave Detection		Expired	
OPI0028	US	Utility	P.F. 0203	11/622700	12-Jan-07	Millimeter and Sub-Millimeter Wave Detection		Pending	
OPI0028	WO	PCT	P.F. 0203	US2007/002258	26-Jan-07	Millimeter and Sub-Millimeter Wave Detection		Pending	
OPI0030	US	Provisional	P.F. 0203	60/085524	22-Jun-06	Millimeter-Wave Detector Employing an Integrated Optical Device with a Tapered-Slot Antenna and a Finline-to-Microstrip Transition		Expired	
OPI0031	US	Provisional	P.F. 0203	60/807557	17-Jul-06	Mode Conversion Design for Low-Loss Coupling to High Delta Polymer Waveguides		Expired	
OPI0032	US	Provisional	P.F. 0203	60/865498	13-Nov-06	Millimeter and Sub-Millimeter Wave Portal		Expired	
OPI0032	US	Utility	P.F. 0203	11/673842	12-Feb-07	Millimeter and Sub-Millimeter Wave Portal		Pending	
OPI0032	WO	PCT	P.F. 0203	US2007/084475	13-Nov-07	Millimeter and Sub-Millimeter Wave Portal		Pending	
OPI0033	US	Utility	P.F. 0203	11/673833	12-Feb-07	Frequency Selective MMW Source		Pending	
OPI0033	US	Utility	P.F. 0203	11/774132	6-Jul-07	Frequency Selective MMW Source		Pending	
OPI0033	WO	PCT	P.F. 0203	US2007/071658	20-Jun-07	Frequency Selective MMW Source		Pending	

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REEL: 024703 FRAME: 0640

Case Number	Country	Case Type	Client Reference	Application Number	Effective Filing Date	Title	Granted Date	Status	Granted Patent Number
OPI 2-001	US	Utility		10/651766	29-Aug-03	Functional Materials for Use in Optical Systems		Abandoned	
OPI 2-002	US	PRO		60/512210	17-Oct-03	Liquid Crystal Material and Electrooptic Devices with a Liquid Crystal-Containing Cladding		Expired	
OPI002	US	Utility		11/403657	13-Apr-06	Liquid Crystal Material and Electrooptic Devices with a Liquid Crystal-Containing Cladding		Pending	
OPI002JP	JP	Utility		2006-535332	14-Oct-04	Liquid Crystal Material and Electrooptic Devices with a Liquid Crystal-Containing Cladding		Pending	
OPI002EP	EP	Utility		04795211.4	14-Oct-04	Liquid Crystal Material and Electrooptic Devices with a Liquid Crystal-Containing Cladding		Pending	
OPI 2-003	JP	Utility		2007-511417	28-Apr-05	Non-Linear Optically Active Molecules, Their Synthesis, and Use		Pending	
OPI003EP	EP	Utility		05804796.0	28-Apr-05	Non-Linear Optically Active Molecules, Their Synthesis, and Use		Pending	
OPI003CA	CA	Utility		2565705	28-Apr-05	Non-Linear Optically Active Molecules, Their Synthesis, and Use		Pending	
OPI 2-003	US	Provisional		60/567616	28-Apr-05	Non-Linear Optically Active Molecules, Their Synthesis, and Use		Expired	
OPI003	US	Utility		11/591906	2-Nov-06	Non-Linear Optically Active Molecules, Their Synthesis, and Use		Pending	
OPI 2-004	US	Provisional		60/629160	18-Nov-04	Materials for use in high-speed optical modulators operating at or near 405 NM wavelengths		Expired	
OPI2-005	US	Provisional		60/632052	1-Dec-04	Novel Materials with Large Birefringence and Fast Response		Expired	
OPI004	US	Utility		11/281082	17-Nov-05	Electrooptic Chromophores with Large Optical Birefringence for Applications at High Speed and Short Wavelengths		Pending	

PATENT

REEL: 024703 FRAME: 0641

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