

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT3944278

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
PIXELOPTICS, INC.	01/29/2014
RECEIVING PARTY DATA	
Name:	HPO ASSETS LLC
Street Address:	312 FARMINGTON AVENUE
City:	FARMINGTON
State/Country:	CONNECTICUT
Postal Code:	06032
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	14715127
CORRESPONDENCE DATA	
Fax Number:	(202)371-2540
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>	
Phone:	202.371.2600
Email:	ttopssecretary1@skgf.com, bhanrahan@skgf.com
Correspondent Name:	STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C
Address Line 1:	1100 NEW YORK AVENUE, N.W.
Address Line 4:	WASHINGTON, D.C. 20005
ATTORNEY DOCKET NUMBER:	3585.0670004
NAME OF SUBMITTER:	JOHN P. MCGROARTY
SIGNATURE:	/John McGroarty 41186/
DATE SIGNED:	06/30/2016
Total Attachments: 23	
source=PixelOptics_to_HPO_Assets#page1.tif	
source=PixelOptics_to_HPO_Assets#page2.tif	
source=PixelOptics_to_HPO_Assets#page3.tif	
source=PixelOptics_to_HPO_Assets#page4.tif	
source=PixelOptics_to_HPO_Assets#page5.tif	
source=PixelOptics_to_HPO_Assets#page6.tif	

source=PixelOptics_to_HPO_Assets#page7.tif
source=PixelOptics_to_HPO_Assets#page8.tif
source=PixelOptics_to_HPO_Assets#page9.tif
source=PixelOptics_to_HPO_Assets#page10.tif
source=PixelOptics_to_HPO_Assets#page11.tif
source=PixelOptics_to_HPO_Assets#page12.tif
source=PixelOptics_to_HPO_Assets#page13.tif
source=PixelOptics_to_HPO_Assets#page14.tif
source=PixelOptics_to_HPO_Assets#page15.tif
source=PixelOptics_to_HPO_Assets#page16.tif
source=PixelOptics_to_HPO_Assets#page17.tif
source=PixelOptics_to_HPO_Assets#page18.tif
source=PixelOptics_to_HPO_Assets#page19.tif
source=PixelOptics_to_HPO_Assets#page20.tif
source=PixelOptics_to_HPO_Assets#page21.tif
source=PixelOptics_to_HPO_Assets#page22.tif
source=PixelOptics_to_HPO_Assets#page23.tif

PATENT, TRADEMARK, AND INTELLECTUAL PROPERTY RIGHTS ASSIGNMENT

THIS PATENT, TRADEMARK, AND INTELLECTUAL PROPERTY ASSIGNMENT is effective as of January 31, 2014.

WHEREAS, the bankruptcy estate of PIXELOPTICS, INC., a Delaware corporation (the “**Assignor**”), is the owner of the patents and patent applications listed on Schedule A hereto (the “**Patents**”) and the trademarks and trademark applications listed on Schedule A (the “**Trademarks**”) and those Intellectual Property Rights defined in the Agreement (further defined below) including those listed on Schedule A;

WHEREAS, JEOFFREY L. BURTCHE as chapter 7 trustee (the “**Trustee**”) for the Assignor has agreed to transfer the Intellectual Property Rights as set forth in the Asset Purchase Agreement dated as of December 13, 2013 (the “**Agreement**”), including Assignor rights in and to the Patents and Trademarks as set forth in the Agreement to HPO ASSETS LLC (as designee of Horizon Technology Finance Corporation), a Delaware limited liability company located at 312 Farmington Avenue, Farmington, CT 06032 or its designee (the “**Assignee**”), and Assignee has agreed to accept such assignment, on the terms and conditions set forth in the Agreement;

WHEREAS, Assignor is presently the debtor in a pending chapter 7 bankruptcy case filed pursuant to Title 11 of the United States Code, 11 U.S.C. § 101, *et seq.* (the “**Bankruptcy Code**”) in the United States Bankruptcy Court for the District of Delaware (the “**Bankruptcy Court**”), case number 13-12875 (the “**Bankruptcy Case**”).

WHEREAS, the Bankruptcy Court appointed the Trustee as the chapter 7 trustee for the Assignor. Pursuant to sections 541 and 704 of the Bankruptcy Code, upon the commencement of the Bankruptcy Case, all property of the Assignor became assets of the Assignor’s chapter 7 estate, under the control of the Trustee.

WHEREAS, pursuant to the Trustee’s Motion for Entry of (I) an Order (A) Approving Bidding Procedures in Connection With Sale of Substantially all of the Estate’s Assets, (B) Scheduling an Auction and Hearing to Consider the Proposed Sale and Approving the Form and Manner of Notice Thereof, and (II) an Order (A) Approving the Sale, (B) Authorizing the Assumption and Assignment of Executory Contracts and Unexpired Leases, and (C) Granting Certain Related Relief, dated December 13, 2013 (Docket No. 37), the Trustee sought approval from the Bankruptcy Court to sell substantially all of Assignor’s assets to, and enter into the Asset Purchase Agreement (as defined below) with, Horizon Technology Finance Corporation, or its designee.

WHEREAS, after a hearing on December 19, 2013, the Bankruptcy Court entered an order (Docket No. 57) authorizing the Trustee and Horizon Technology Finance Corporation, or its designee, to enter into the Agreement and take other actions related thereto, subject to receipt of higher and better offers.

WHEREAS, on January 23, 2014, the Bankruptcy Court approved the sale to Assignee pursuant to the Agreement, except for certain “Contested Patents” as set forth on Schedule B hereto (the “Contested Patents”).

WHEREAS, the parties wish to herein memorialize said assignment, transfer and sale of the Patents and Trademarks (except for the Contested Patents) to Assignee in a form for recording in the United States Patent and Trademark Office and non-US counterparts thereof in non-US jurisdictions which exercise authority over any of the Intellectual Property Rights including the Patents and Trademarks.

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN, be it known that for good and valuable consideration, the receipt and legal sufficiency of which is hereby acknowledged, the Trustee hereby sells, assigns, transfers, and conveys to Assignee, all right, title and interest in and to the Intellectual Property Rights (except for the Contested Patents), including the Patents, and any continuations, continuations-in-part, divisions, reissues, reexaminations, extensions, and foreign patents and patent applications thereof, and any rights to file applications claiming the benefit of one or more of the Intellectual Property Rights including the Patents and receive patents that issue from said applications and from said applications and from applications included in the Patents and patent applications and pending inventions of Intellectual Property Rights as yet unprepared or unfiled, together with all claims for past and future damages by reason of infringement of the same, and together with the right to sue for past and future damages;

AND, the Trustee hereby assigns, transfers, conveys and delivers to Assignee and its successors and assigns, all of its right, title and interest throughout the world in, to and under the Trademarks, all goodwill associated therewith or symbolized thereby, all common law rights thereto, all registrations that have been or may be granted thereon, all applications for registration thereof, all records and files relating to said Trademarks and all foreign counterparts thereof, together with the right to sue and recover damages for future or past infringements thereof and to fully and entirely stand in the place of the Trustee in all matters related thereto.

AND, the Trustee hereby requests the Director of the United States Patent and Trademark Office (the "**Director**"), as well as his or her non-US counterparts in the non-US jurisdictions which exercise authority over any of the Intellectual Property Rights including the Patents and Trademarks (except for the Contested Patents) to record this Patent, Trademark and Intellectual Property Rights Assignment. The Trustee hereby further requests the Director and his or her non-US counterparts to issue any and all patents, trademarks, or other intellectual property resulting from Intellectual Property Rights, inventions, Patents or from applications claiming the benefit of one or more of the Intellectual Property Rights including the Patents and Trademarks to Assignee as assignee of the entire interest therein.

The transfers contemplated by this instrument are pursuant and subject to the terms and conditions of the Agreement and any order of the Bankruptcy Court approving the Agreement, and shall be made on an "as is where is" basis with all faults and specifically and expressly without any warranties, representations, or guarantees, either express or implied, of any kind or nature of or on behalf of the Trustee. This instrument shall not be interpreted to impose any obligations upon the Trustee beyond those contained in the Agreement.

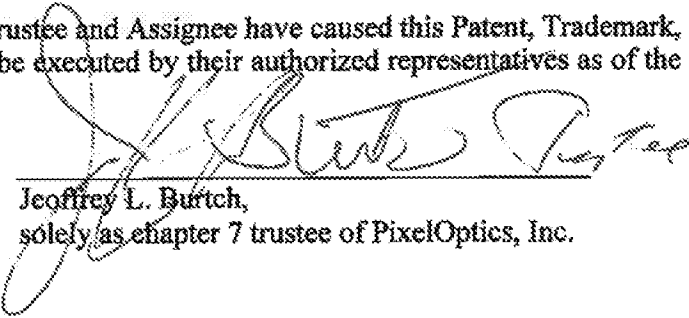
At any time prior to the closing of the Bankruptcy Case, and from time to time at Assignee's request, the Trustee agrees to execute further documents and instruments and to do such other acts as may be reasonably necessary or reasonably requested by Assignee, at Assignee's expense, to more effectively vest full title in and to the Patents and Trademarks in the

Assignee, including without limitation the Trademark Assignment attached hereto. This Assignment shall be binding upon and shall inure to the benefit of the respective successors and permitted assigns of the Trustee, the Assignor and Assignee.

(The signatures of the parties are contained on the following page.)

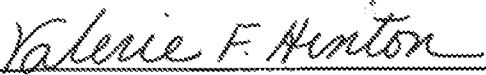
IN WITNESS WHEREOF, the Trustee and Assignee have caused this Patent, Trademark, and Intellectual Property Assignment to be executed by their authorized representatives as of the date first set forth above.

By:


Jeffrey L. Burtch,
solely as chapter 7 trustee of PixelOptics, Inc.

STATE OF DELAWARE, COUNTY OF NEW CASTLE

The foregoing instrument was acknowledged before me this 29th day of JANUARY, 2014, by JEFFREY L. BURTON, the chapter 7 Trustee of PixelOptics, Inc., a Delaware corporation, on behalf of said corporation. He/she is personally known to me or produced _____ as identification.



Notary Public

VALERIE FRANCES HINTON
NOTARY PUBLIC

Typed, printed or stamped name of Notary Public
STATE OF DELAWARE
My Commission Expires June 25, 2015

My Commission Expires:

[SIGNATURE PAGE TO PATENT AND INTELLECTUAL PROPERTY RIGHTS ASSIGNMENT]

PATENT
REEL: 039220 FRAME: 0922

HPO ASSETS LLC

By: Horizon Technology Finance Corporation, its sole Member

By: *Robert D. Pomeroy, Jr.*

Name: Robert D. Pomeroy, Jr.

Title: Chief Executive Officer

STATE OF CONNECTICUT, COUNTY OF Hartford

The foregoing instrument was acknowledged before me this 31st day of January, 2014, by Robert D. Pomeroy, Jr., the CEO of Horizon Technology Finance Corporation, sole Member of HPO Assets LLC, a Delaware corporation, on behalf of said company. He/~~She~~ is personally known to me or produced as identification.

[Handwritten Signature]

Notary Public Commissioner of the Superior Court of the State of Connecticut

John C. Bambara
Typed, printed or stamped name of Notary Public

~~My Commission Expires~~

Schedule A

17933298;1
40784360;2

Docket #	Serial No.	Filing Date	Title	Publication No.	Publication Date	Patent No.	Issue Date
72927-US	12/408,973	3/23/2009	ELECTRO-ACTIVE DIFFRACTIVE LENS AND METHOD FOR MAKING THE SAME	US 2009-0256977 A1	10/15/2009	US 8,523,354 B2	Sept. 3, 2013
9824-US5	13/674,321	11/12/2012	MULTIFOCAL LENS HAVING A PROGRESSIVE OPTICAL POWER REGION AND A DISCONTINUITY	US 2013-0070199 A1	3/21/2013	US 8,434,865 B2	May 7, 2013
70920-US	12/166,526	7/2/2008	MULTIFOCAL LENS WITH A DIFFRACTIVE OPTICAL POWER REGION	US 2009-0046349 A1	2/19/2009	US 8,317,321 B2	Nov. 27, 2012
71327-US1	13/005,876	1/13/2011	REFRACTIVE-DIFFRACTIVE MULTIFOCAL LENS	US 2011-0176103 A1	7/21/2011	US 8,197,063 B2	Jun. 12, 2012
71327-US1	12/270,116	11/13/2008	REFRACTIVE-DIFFRACTIVE MULTIFOCAL LENS	US 2009-0153794 A1	6/18/2009	US 7,883,207 B2	Feb. 8, 2011
9821-US	12/018,048	1/22/2008	ELECTRO-ACTIVE LENS	US 2008-0180630 A1	7/31/2008	US 7,728,949 B2	Jun. 1, 2010
8938-US	11/802,413	5/22/2007	OPTICAL RANGEFINDER FOR AN ELECTRO-ACTIVE LENS	US 2007-0280626 A1	12/6/2007	US 7,656,509 B2	Feb. 2, 2010

PATENT

Docket #	Serial No.	Filing Date	Title	Publication No.	Publication Date	Patent No.	Issue Date
71024-US	12/118,226	5/9/2008	PROGRESSIVE ADDITION LENS OPERATING IN COMBINATION WITH A MULTI-ORDER DIFFRACTIVE OPTIC	US 2008-0278683 A1	11/13/2008	US 7,654,667 B2	Feb. 2, 2010
Large patent	08/530,224	10/3/1995	SWITCHABLE LENS	N/A	N/A	US 5,712,721	Jan. 27, 1998
70890-US1	12/834,526	7/12/2010	ELECTRONIC EYEGLASS FRAME	US 2010-0271588 A1	10/28/2010	US 8,337,014 B2	Dec. 25, 2012
9354-US1	12/350,983	1/9/2009	ELECTRO-ACTIVE SPECTACLE LENSES	US 2009-0115961 A1	5/7/2009	US 7,971,994 B2	Jul. 5, 2011
9354-US	11/808,555	6/11/2007	ELECTRONIC ADAPTER FOR ELECTRO-ACTIVE SPECTACLE LENSES	US 2007-0296918 A1	12/27/2007	US 7,527,375 B2	May 5, 2009
9354-US2	13/151,513	6/2/2011	ELECTRO-ACTIVE SPECTACLE LENSES	US 2011-0228212 A1	9/22/2011	US 8,408,699 B2	Apr. 2, 2013
70919-US	12/101,264	4/11/2008	ALIGNMENT OF LIQUID CRYSTALLINE MATERIALS TO SURFACE RELIEF DIFFRACTIVE STRUCTURES	US 2009-0096981 A1	4/16/2009	US 8,319,937 B2	Nov. 27, 2012
7110-US	12/698,608	2/2/2010	MULTIFOCAL	US 2010-0195046 A1	8/5/2010	US 8,066,373 B2	Nov. 29, 2011

PATENT

Docket #	Serial No.	Filing Date	Title	Publication No.	Publication Date	Patent No.	Issue Date
4410-US	12/859,649	8/19/2010	MULTIFOCAL	US 2011-0058143 A1	3/10/2011	US 8,434,864 B2	May 7, 2013
9824-US4	13/021,887	2/7/2011	MULTIFOCAL LENS HAVING A PROGRESSIVE OPTICAL POWER REGION AND DISCONTINUITY	US 2011-0194069 A1	08-11-2011	US 8,308,295 B2	Nov. 13, 2012
9824-US2	12/839,088	7/19/2010	MULTIFOCAL LENS	US 2011-0007266 A1	1/13/2011	US 8,092,016 B2	Jan. 10, 2012
71429-US2	12/915,783	10/29/2010	MULTIPLE LAYER	US 2011-0043751 A1	2/24/2011	US 8,075,132 B2	Dec. 13, 2011
71429-US2	12/275,801	11/21/2008	MULTIPLE LAYER	US 2009-0153795 A1	6/18/2009	US 7,926,941 B2	Apr. 19, 2011
9824-US	11/964,030	12/25/2007	MULTIFOCAL COMPOSITE LENS	US 2008-0218689 A1	9/11/2008	US 7,883,206 B2	Feb. 8, 2011
71429-US1	12/333,739	12/12/2008	MULTIFOCAL LENS MULTIPLE LAYER MULTIFOCAL COMPOSITE LENS	US 2009-0161066 A1	6/25/2009	US 7,744,215 B2	Jun. 29, 2010
510US	12/406,656	3/18/2009	ADVANCED ELECTRO- ACTIVE OPTIC DEVICE	US 2009-0204207 A1	8/13/2009	US 7,926,940	Apr. 19, 2011
310US	12/035,779	2/22/2008	OPHTHALMIC DYNAMIC APERTURE	US 2009-0033863 A1	2/5/2009	US 8,215,770	Jul. 10, 2012

PATENT

<u>Docket #</u>	<u>Serial No.</u>	<u>Filing Date</u>	<u>Title</u>	<u>Published US Application</u>	<u>Publication Date</u>
1149-291	13/504,721	06-29-2012	Electroactive Lens with Multiple Depth Diffractive Structures	US 2013/0222756 A1	Aug. 29, 2013
70920-US1	13/656,943	10-22-2012	MULTIFOCAL LENS WITH A DIFFRACTIVE OPTICAL POWER REGION	US 2013/0114128 A1	May 9, 2013
12210-US	13/488,064	06-04-2012	Electro-Active Lenses Including Thin Glass Substrates	US 2013/0027655 A1	Jan. 31, 2013
71327-US2	13/487,572	06-04-2012	Refractive-Diffractive Multifocal Lens	US 2013/0003014 A1	Jan. 3, 2013
11510-US	13/418,038	03-12-2012	Electronic Lens Comprised of Hybrid Materials	US 2012/0229754 A1	Sep. 13, 2012
10710-US	13/359,252	01-26-2012	VARIABLE OPTICAL ELEMENT COMPRISING A LIQUID CRYSTAL ALIGNMENT LAYER	US 2012/0212696 A1	Aug. 23, 2012
Not published yet:					
<i>1 US provisional</i>					
				17710-US	17910-US
				17810-US	
12110-US	13/482,280	05-29-2012	Programmable Ophthalmic Lenses	US 2012/0300171 A1	Nov. 29, 2012
1410-US	13/890,809	05-09-2013		US 2013/0250233 A1	Sept. 26, 2013
70890-US2	13/726,267	12-24-2012	MOISTURE-RESISTANT EYE WEAR ELECTRONIC EYEGLASS FRAME	US 2013/0201439 A1	Aug. 8, 2013

PATENT

Docket #	Serial No.	Filing Date	Title	Published US Application	Publication Date
13110-US	13/587,645	08-16-2012	MOISTURE-RESISTANT ELECTRONIC SPECTACLE FRAMES	US 2013/0070198 A1	Mar. 21, 2013
8600-US	13/179,219	07-08-2011	ELECTRO-ACTIVE SPECTACLE FRAMES	US 2013/0010256 A1	Jan. 10, 2013
11310-US	13/372,240	02-13-2012	ELECTRONIC FRAMES COMPRISING ELECTRICAL CONDUCTORS	US 2012/0262667 A1	Oct. 18, 2012
12910-US	13/298,997	11-17-2011	ELECTRONIC SPECTACLE FRAMES	US 2012/0127423 A1	May 24, 2012
8512-US	13/298,992	11-17-2011	ELECTRONIC SPECTACLE FRAMES	US 2012/0127420 A1	May 24, 2012
8511-US	13/175,634	07-01-2011	FRAME DESIGN FOR ELECTRONIC SPECTACLES	US 2012/0002160 A1	Jan. 5, 2012
8510-US	13/175,633	07-01-2011	Frame Design for Electronic Spectacles	US 2012/0002159 A1	Jan. 5, 2012
7410-US	13/085,562	04-13-2011	Attachable Electro-Active Lens Systems	US 2011/0249230 A1	Oct. 13, 2011
6410-US	12/684,490	01-08-2010	ELECTRO-ACTIVE	US 2010/0177277 A1	Jul. 15, 2010
Not published yet:					
16800-US				17510-US	6410-US1
70890-US2				1 US provisional	
4510-US1	13/865,705	04-18-2013	CURABLE ADHESIVE	US 2013/0230706 A1	Sept. 5, 2013
810-US	13/742,804	01-16-2013	FLEXIBLE FILM WITH SURFACE RELIEF AND USE THEREOF IN ELECTRO-ACTIVE OPTICAL SYSTEMS	US 2013/0224440 A1	Aug. 29, 2013
15910-US (back fill)	13/757,372	02-01-2013	METHOD AND	US 2013/0208238 A1	Aug. 15, 2013

PATENT

<u>Docket #</u>	<u>Serial No.</u>	<u>Filing Date</u>	<u>Title</u>	<u>Published US Application</u>	<u>Publication Date</u>
16200-US	13/761,827	02-07-2013	LASER PATTERNING OF CONDUCTIVE FILMS FOR ELECTRO-ACTIVE LENSES	US 2013/0208347 A1	Aug. 15, 2013
14010-US	13/622,850	09-19-2012	TRANSPARENT	US 2013/0083405 A1	Apr. 4, 2013
13200-US	13/590,042	08-20-2012	OBLIQUE-INCIDENCE DEPOSITED SILICON OXIDE LAYERS FOR DYNAMIC OPHTHALMIC LENSES	US 2013/0050639 A1	Feb. 28, 2013
12010-US	13/481,117	05-25-2012	USE OF ELECTRO-STATIC	US 2012/0301604 A1	Nov. 29, 2012
11710-US	13/445,509	04-12-2012	Adhesive Dispensing Profile Enhancement	US 2012/0267030 A1	Oct. 25, 2012
10510-US	13/045,961	03-11-2011	Curable Adhesive Compositions	US 2012/0154739 A1	Jun. 21, 2012
8710-US	13/180,025	07-11-2011	MOLD FOR DIFFRACTIVE OPHTHALMIC LENS	US 2012/0061863 A1	Mar. 15, 2012
8810-US	12/848,713	08-02-2010	PROGRESSIVE ADDITION LENS DESIGN	US 2011/0116037 A1	May 19, 2011
4510-US	12/758,118	04-12-2010	Curable Adhesive Compositions	US 2010/0261018 A1	Oct. 14, 2010
<u>Not published yet:</u>					
4510-US1				17310-US	11 US provisionals
PATENT					
<u>Not published yet:</u>					
900-US				7 US provisionals	
<u>Not published yet:</u>					
				17610-US	

<u>Docket #</u>	<u>Serial No.</u>	<u>Filing Date</u>	<u>Title</u>	<u>Published US Application</u>	<u>Publication Date</u>
9824-US3	12/915,819	10-29-2010	MULTIFOCAL LENS HAVING A PROGRESSIVE OPTICAL POWER REGION AND A DISCONTINUITY	US 2011/0043752 A1	Feb. 24, 2011
5410-US	12/902,213	10-12-2010	OPHTHALMIC LENS WITH REGRESSIVE AND NON- REGRESSIVE ROTATIONALLY SYMMETRIC OPTICAL DESIGN ELEMENTS	US 2011/0090455 A1	Apr. 21, 2011
7010-US	12/702,791	02-09-2010	OPHTHALMIC LENSES WITH ASPHERIC OPTICAL FEATURES	US 2010/0201941 A1	Aug. 12, 2010
16610-US	13/274,527	10-17-2011	Systems, Devices, and/or Methods for Managing Variable Power Fluidic Lens	US 2012/0092775 A1	Apr. 19, 2012
8410-US	13/169,996	06-27-2011	HIGH PERFORMANCE, LOW COST MULTIFOCAL LENS HAVING DYNAMIC PROGRESSIVE OPTICAL POWER REGION	US 2012/0019773 A1	Jan. 26, 2012
1110-US	13/050,974	03-18-2011	Dynamic Lens	US 2011/0235186 A1	Sep. 29, 2011
9900-US	13/286,802	11-01-2011	Dynamic Changeable Focus Contact And Intraocular Lens	US 2012/0140167 A1	Jun. 7, 2012

PATENT

Docset #	Country	Serial No.	Filing Date	Title	Publication No.	Publication Date	Issued Patent	Issue Date
Large patent	FR	EP94912028.1	April 7, 1994	Switchable lens	EP0693188	January 24, 1996	EP0693188	Oct. 27, 1999
Large patent	GB	EP94912028.1	April 7, 1994	Switchable lens	EP0693188	January 24, 1996	EP0693188	Oct. 27, 1999
	DE	694.21.394.2	April 7, 1994	SCHALTBARE LINSE	EP0693188	January 24, 1996	DE694.21.394.2	Oct. 27, 1999
77927-MX	MX	MX/9/2010/D11120	October 6, 2010	LENTES CON DIFRACCION ELECTRO-ACTIVOS Y METODO PARA HACERLOS	WO 2009/126946	October 15, 2009	MX 287417 B	Mar. 15, 2012
Large patent	DE	EP94912028.1	April 7, 1994	Switchable lens	EP0693188	January 24, 1996	EP0693188	Oct. 27, 1999
9354-AU	AU	2007265652	June 11, 2007	Electronic adapter for electro-active spectacle lenses		January 3, 2008	2007265652	Nov. 22, 2012
	AU	2012245171	November 6, 2012	Electronic adapter for electro-active spectacle lenses		November 22, 2012		
9354-CN	CN	200780023484.X	June 11, 2007	ELECTRONIC ADAPTER FOR ELECTRO-ACTIVE SPECTACLE LENSES	CN 101479644	July 8, 2009	ZL200780023484.X	May 2, 2012
9354-HK	HK	9111888.3	December 17, 2009	ELECTRONIC ADAPTER FOR ELECTRO-ACTIVE SPECTACLE LENSES	HK1135476	June 4, 2010	HK1135476	Feb. 1, 2013
9354-MX	MX	MX/9/2008/D16278	December 17, 2008	ADAPTADOR ELECTRONICO PARA ANTEOJOS CON LENTES ELECTRO-ACTIVOS	WO 2008/002388	January 3, 2008	MX 295436 B	Feb. 1, 2012
6410-MX	MX	MX/9/2011/007411	July 11, 2011	ANTEOJOS ELECTROACTIVOS Y DISPOSITIVOS ELECTRONICOS ASOCIADOS	WO 2010/080999	July 15, 2010	MX 302563 B	Aug. 21, 2012
9354-SG	SG	200809119-1	June 11, 2007	ELECTRONIC ADAPTER FOR ELECTRO-ACTIVE SPECTACLE LENSES	WO 2008/002388		148515	Jul. 29, 2011
4510-EP	EP	10713789.5	April 12, 2010	CURABLE ADHESIVE COMPOSITIONS	WO2010118421	October 14, 2010	EP2417210	Mar. 6, 2013
	FR	EP10713789.5	April 12, 2010	COMPOSITIONS ADHESIVES DURCISSABLES	EP2417210	February 15, 2012	EP2417210	Mar. 6, 2013
	CH	EP10713789.5	April 12, 2010	HARTBARE KLEBEZUSAMMENSETZUNGEN	EP02417210	February 15, 2012	EP2417210	Mar. 6, 2013
	DE	60 2010 605 303.2	April 12, 2010	HARTBARE KLEBEZUSAMMENSETZUNGEN	EP2417210	February 15, 2012	DE 60 2010 005 303.2	Mar. 6, 2013
	GB	EP10713789.5	April 12, 2010	CURABLE ADHESIVE COMPOSITIONS	EP2417210	February 15, 2012	EP2417210	March 6, 2013
	IT	900024172.0	April 12, 2010	curable adhesive compositions	EP2417210	February 15, 2012	EP2417210	March 6, 2013
310-SG	SG	200905290-3	February 22, 2008	OPHTHALMIC DYNAMIC APERTURE	154673		154673	May 15, 2012

PATENT

Docket #	Country	Application No.	Filing Date	Title	Publication No.	Publication Date	Notes
9821-EP1	AR	P080106050	January 7, 2008	MULTIFOCAL LENS HAVING A PROGRESSIVE OPTICAL POWER REGION AND A DISCONTINUITY	AR068068	November 4, 2009	
1710-AR	AR	P130102757	Jul. 31, 2013				
17910-AR	AR	P130102855	Aug. 7, 2013				
9821-CA	CA	2875773	Jan. 21, 2008	CHOLESTERIC LIQUID CRYSTALLINE MATERIAL	WO2008/091896	July 31, 2008	
	AR	P102587	July 3, 2008	LENTES MULTIFOCALES CON UNA REGION DE POTENCIA OPTICA DIFRACTIVA	AR067414	October 7, 2009	
70920-CA	CA	2691519	Jul. 3, 2006	MULTIFOCAL LENS WITH A DIFFRACTIVE OPTICAL POWER REGION	WO2006/005822	January 8, 2009	
9821-EP	EP	08728084.8	Jan. 21, 2008	CHOLESTERIC LIQUID CRYSTALLINE MATERIAL	EP2111563	October 28, 2009	
9821-EP1	EP	EP13158268.6	Jan. 22, 2008	Cholesteric liquid crystalline material	EP2602657	June 12, 2013	
70920-EP	EP	08794807.0	Jul. 3, 2008	MULTIFOCAL LENS WITH A DIFFRACTIVE OPTICAL POWER REGION	EP2171526	January 8, 2009	
72927-EP	EP	09729939.0	Apr. 13, 2009	ELECTRO-ACTIVE DIFFRACTIVE LENS AND METHOD FOR MAKING THE SAME	EP2269113	January 5, 2011	Application Abandoned per EPO Register Divisional of abandoned application above
72927-EP1	EP	11193576.8	April 13, 2009	Electro-active diffractive lens and method for making the same	EP2431790	March 21, 2012	
72927-IL	IL	208577	Apr. 13, 2009	ELECTRO-ACTIVE DIFFRACTIVE LENS AND METHOD FOR MAKING THE SAME	208577	December 30, 2010	
9821-JP	JP	2009-546578	Jan. 22, 2008	CHOLESTERIC LIQUID CRYSTALLINE MATERIAL	JP 2010-517082 A	May 20, 2010	
70920-JP	JP	2010-514872	Jul. 3, 2008	MULTIFOCAL LENS WITH A DIFFRACTIVE OPTICAL POWER REGION	JP 2010-532496 A		
72927-JP	JP	2011-504231	Apr. 13, 2009	ELECTRO-ACTIVE DIFFRACTIVE LENS AND METHOD FOR MAKING THE SAME	JP2011516927	May 26, 2011	
72927-KR	KR	10-2010-7023779	Oct. 25, 2010	ELECTRO-ACTIVE DIFFRACTIVE LENS AND METHOD FOR MAKING THE SAME	1020100124841	November 29, 2010	
72927-MX1	MX	MX/a/2012/091797	Oct. 25, 2010				
72927-SG	SG	201097286-4	April 13, 2009	ELECTRO-ACTIVE DIFFRACTIVE LENS AND METHOD FOR MAKING THE SAME	165615	November 29, 2010	Application Abandoned per IPO Register Divisional of abandoned application above
	SG	201302625-9	April 13, 2009	ELECTRO-ACTIVE DIFFRACTIVE LENS AND METHOD FOR MAKING THE SAME	189744	May 31, 2013	
70920-TW	TW	09715051	July 3, 2007	Multifocal lens with a diffractive optical power region	200921178	May 16, 2009	
1710TW	TW		Jul. 31, 2013				No application number given
70910-TW	TW		Aug. 7, 2013				
70920-TH	TH	801005440	Jul. 3, 2008				
0710-PC	PCT	PCT/US2012/022998	Jan. 27, 2012	VARIABLE OPTICAL ELEMENT COMPRISING A LIQUID CRYSTAL ALIGNMENT LAYER	WO/2012/103497	August 2, 2012	Expired. Entered into JP and EP only, per WIPO database
	EP	12706136.4	January 27, 2012	VARIABLE OPTICAL ELEMENT COMPRISING A LIQUID CRYSTAL ALIGNMENT LAYER	EP2668542	December 4, 2013	
	JP	2013551389	Jan. 27, 2012	VARIABLE OPTICAL ELEMENT COMPRISING A LIQUID CRYSTAL ALIGNMENT LAYER	WO/2012/103497	August 2, 2012	

PATENT

12110-PC	PCT	PCT/US2012/039838	May 29, 2012	DEFORMABLE OPHTHALMIC LENSES	WO/2012/166718	December 6, 2012	Expired. No National Phase filings per WIPO database
12210-PC	PCT	PCT/US2012/040811	Jun. 4, 2012	ELECTRO-ACTIVE LENSES INCLUDING THIN GLASS SUBSTRATES	WO/2012/167284	December 6, 2012	Expired. No National Phase filings per WIPO database
17710-PC	PCT	PCT/US2013/055258	Jul. 5, 2013		N/A	N/A	
17910-PC	PCT	PCT/US2013/054346	Aug. 7, 2013		N/A	N/A	
17810-PC	PCT	PCT/US2013/054410	Aug. 9, 2013		N/A	N/A	
13200-AR	AR	P 12 01 03090	Aug. 21, 2012				
17310-AR	AR	P 13 01 01373	Apr. 19, 2013				
70759-AU	AU	2008226634	Mar. 5, 2008	Electrical insulating layers, UV protection, and voltage spiking for electro-active diffractive optics	WO2008/112468	September 18, 2008	
70759-EP	CA	2684196	Mar. 5, 2008	Electrical insulating layers, UV protection, and voltage spiking for electro-active diffractive optics	CA2684196	September 18, 2008	
70759-EP	EP	08731398.7	Mar. 5, 2008	ELECTRICAL INSULATING LAYERS, UV PROTECTION, AND VOLTAGE SPIKING FOR ELECTRO-ACTIVE DIFFRACTIVE OPTICS	EP2135130	September 18, 2008	
11710-IN	IN		Apr. 12, 2012	ADHESIVE DISPENSING PROFILE ENHANCEMENT			
11710-JP	JP		Apr. 12, 2012	ADHESIVE DISPENSING PROFILE ENHANCEMENT			
3510-IP	IP	2012-504918	Apr. 12, 2010	N/A	JP 2012-523485 A		
70759-KR	KR	1020097021215	Mar. 5, 2008	ELECTRICAL INSULATING LAYERS, UV PROTECTION, AND VOLTAGE SPIKING FOR ELECTRO-ACTIVE DIFFRACTIVE OPTICS	1020090113388	October 30, 2009	
11710-KR	KR		Apr. 12, 2012	ADHESIVE DISPENSING PROFILE ENHANCEMENT			
11710-MY	MY	PI 2013003726	Apr. 12, 2012	ADHESIVE DISPENSING PROFILE ENHANCEMENT			
11710-MX	MX		Apr. 12, 2012	ADHESIVE DISPENSING PROFILE ENHANCEMENT			
11710-SG	PCT	PCT/US2012/033358	Apr. 12, 2012	ADHESIVE DISPENSING PROFILE ENHANCEMENT	WO/2012/242312	October 18, 2012	Expired application, entered into countries listed in 11710 family
11710-SG	SG	201307496-8	Apr. 12, 2012	ADHESIVE DISPENSING PROFILE ENHANCEMENT	194130	November 29, 2013	
11710-TH	TH		Apr. 12, 2012	ADHESIVE DISPENSING PROFILE ENHANCEMENT			
3710-TW	TW	100124499	Jul. 11, 2011	Model for diffractive ophthalmic lens	201222811	July 16, 2012	
13200-TW	TW	101130507	August 22, 2012	OBSCURE-INCIDENCE DEPOSITED SILICON OXIDE LAYERS FOR DYNAMIC OPHTHALMIC LENSES	201329538	July 16, 2013	

PATENT

17310-TW	TW	102114893	Apr. 25, 2013	ELECTRICALLY CONDUCTIVE LENS CONNECTION AND METHODS OF MAKING THE SAME	201350860	December 16, 2013
13200-PC	PCT	PCT/US2012/051696	Aug. 21, 2012	OBLIQUE-INCIDENCE DEPOSITED SILICON OXIDE LAYERS FOR DYNAMIC OPHTHALMIC LENSES	WO/2013/028675	February 28, 2013
15810-PC	PCT	PCT/US2013/021754	Jan. 16, 2013	FLEXIBLE FILM WITH SURFACE RELIEF AND USE THEREOF IN ELECTRO-ACTIVE OPTICAL SYSTEMS	WO/2013/109637	July 25, 2013
15910-PC (back fill)	PCT	PCT/US2013/024468	Feb. 1, 2013	METHOD AND APPARATUS FOR SUPPLYING AN ELECTRO-ACTIVE MATERIAL TO AN ELECTRO-ACTIVE OPTICAL SYSTEM	WO/2013/116745	August 8, 2013
16200-PC	PCT	PCT/US2013/025119	Feb. 7, 2013	LASER PATTERNING OF CONDUCTIVE FILMS FOR ELECTRO-ACTIVE LENSES	WO/2013/119792	August 15, 2013
17310-PC	PCT	PCT/US2013/037402	Apr. 19, 2013	ELECTRICALLY CONDUCTIVE LENS CONNECTION AND METHODS OF MAKING THE SAME	WO/2013/163038	October 31, 2013
71429-AR	AR	P080105450	Dec. 15, 2008	MULTIPLE LAYER MULTIFOCAL COMPOSITE LENS	AR069768	February 17, 2010
9824-AR1	AR	P080101550	Mar. 31, 2008	LENTE MULTIFOCAL QUE TIENE UNA REGION DE AUMENTO OPTICO PROGRESIVO Y UNA DISCONTINUIDAD	AR067305	October 7, 2009
71429-AU	AU	2008338597	Dec. 11, 2008	Multiple layer multifocal composite lens	AU2008338597	June 25, 2009
71429-AU1	AU	2010236042	Oct. 27, 2010	Multiple layer multifocal composite lens	AU2010236042	November 18, 2010
71429-CA	CA	2706150	Dec. 11, 2008	MULTIPLE LAYER MULTIFOCAL COMPOSITE LENS	CA2706150	June 25, 2009
9824-CA	CA	2679977	Dec. 25, 2007	MULTIFOCAL LENS HAVING A PROGRESSIVE OPTICAL POWER REGION AND A DISCONTINUITY	CA2679977	September 18, 2008
9824-CA1	CA	2680870	Mar. 31, 2008	MULTIFOCAL LENS HAVING A PROGRESSIVE OPTICAL POWER REGION AND A DISCONTINUITY	CA2680870	October 9, 2008
71429-EP	EP	08860905.2	Dec. 11, 2008	MULTIPLE LAYER MULTIFOCAL COMPOSITE LENS	EP2235586	October 6, 2010
71429-EP1	EP	10194662.2	December 11, 2008	Multiple layer multifocal composite lens	EP2365380	September 14, 2011
9824-EP	EP	07965975	Dec. 25, 2007	MULTIFOCAL LENS HAVING A PROGRESSIVE OPTICAL POWER REGION AND A DISCONTINUITY	EP2130090	December 9, 2009
9824-EP1	EP	08744801.5	Mar. 31, 2008	MULTIFOCAL LENS HAVING A PROGRESSIVE OPTICAL POWER REGION AND A DISCONTINUITY	EP2140303	January 6, 2010
5410-EP	EP	EP 10775962.3	Oct. 14, 2010	OPHTHALMIC LENS WITH REGRESSIVE AND NON-REGRESSIVE ROTATIONALLY SYMMETRIC OPTICAL DESIGN ELEMENTS	EP2488913	Apr 21, 2011

PATENT

9824-IP	JP	2009-552672	Sept. 4, 2009	MULTIFOCAL LENS HAVING A PROGRESSIVE OPTICAL POWER REGION AND A DISCONTINUITY	JP 2010-520514 A	June 10, 2010
9824-IP1	JP	2010-501284	Sept. 28, 2009	MULTIFOCAL LENS HAVING A PROGRESSIVE OPTICAL POWER REGION AND A DISCONTINUITY	JP 2010-522903 A	July 8, 2010
71429-MX	MX	MX/a/2010/006042	Dec. 11, 2008	MULTIPLE LAYER MULTIFOCAL COMPOSITE LENS	MX20100906042	June 25, 2010
71429-TW	TW	TW20080168536	December 12, 2008	MULTIPLE LAYER MULTIFOCAL COMPOSITE	TW200933232	August 1, 2009
9824-TW	TW	TW20070150387	Dec. 26, 2007	Multifocal lens having a progressive optical power region and a discontinuity	TW200900781	January 1, 2009
	TW	TW20080111800	March 31, 2008	Multifocal lens having a progressive optical power region and a discontinuity	TW200912425	March 16, 2009
71429-TH	TH	112210	Dec. 11, 2008			
9824-TH	TH	701096774	Dec. 25, 2007			
9824-TH	TH	801091660	Mar. 31, 2008			
8510-AR	AR	P 11 01 02392	Jul. 4, 2011	Frame Design for Electronic Spectacles	AR082108	November 14, 2012
8511-AR	AR	P 11 01 02391	Jul. 4, 2011	Frame Design for Electronic Spectacles	AR082107	November 14, 2012
8512-AR	AR	P 11 01 04312	Nov. 18, 2011	MARCOS PARA ANTEOJOS ELECTRONICOS	AR083925	April 10, 2013
8610-AR	AR	P110102487	Jul. 11, 2011	ELECTRO-ACTIVE SPECTACLES FRAMES	AR082206	November 21, 2012
12910-AR	AR	AR P1101 04311	Nov. 18, 2011			
13110-AR	AR	P 12 01 03042	Aug. 17, 2012			
16810-AR	AR	P 13 01 00950	Mar. 24, 2013			
17710-AR	AR	P130102053	Jun. 14, 2013			
9354-AU1	AU	AU 2012245171	Jun. 11, 2007	Electronic adapter for electro-active spectacle lenses		
6410-AU	AU	AU 2010203515	Jan. 8, 2010	Electro-active spectacles and associated electronics	AU2010203515	August 11, 2011
9354-BR	BR	BR2007PI13530	Jun. 11, 2007	ADAPTADOR ELECTRONICO PARA LENTES DE OCULOS ELECTROATIVAS	BRPI0713530	April 17, 2012
6410-BR	BR	BR PI1077266-3	Jan. 8, 2010	ELECTRO-ACTIVE SPECTACLES AND ASSOCIATED ELECTRONICS	N/A	N/A
9354-CA	CA	2656267	Apr. 11, 2007	ELECTRONIC ADAPTER FOR ELECTRO-ACTIVE SPECTACLE LENSES	WD2008/002388	January 3, 2008
6410-CA	CA	2749366	Jan. 8, 2010	ELECTRO-ACTIVE SPECTACLES AND ASSOCIATED ELECTRONICS	WO2010/080999	July 15, 2010
9354-CN1	CN	201210031161.8	Apr. 11, 2007	ELECTRONIC ADAPTER FOR ELECTRO-ACTIVE SPECTACLE LENSES	CN102520530	June 27, 2012
6410-CN	CN	2010 80008602.1	Jan. 8, 2010	ELECTRO-ACTIVE SPECTACLES AND ASSOCIATED ELECTRONICS	CN102326116	January 18, 2012
	CN	2013 1264317	January 6, 2010	ELECTRO-ACTIVE SPECTACLES AND ASSOCIATED ELECTRONICS	CN103345076	October 9, 2013
9354-EP	EP	07795943.5	Feb. 20, 2009	ELECTRONIC ADAPTER FOR ELECTRO-ACTIVE SPECTACLE LENSES	EP2030073	January 3, 2008
6410-EP	EP	10700353.5	Jan. 8, 2010	ELECTRO-ACTIVE SPECTACLES AND ASSOCIATED ELECTRONICS	EP2386071	November 16, 2011
9354-HK1	HK	12113444.1	Jun. 11, 2007	ELECTRONIC ADAPTER FOR ELECTRO-ACTIVE SPECTACLE LENSES	HK1172694	April 26, 2013

PATENT

6410-HK	HK	12104679.6	Jan. 8, 2010	ELECTRO-ACTIVE SPECTACLES AND ASSOCIATED ELECTRONICS	HK1163830	September 14, 2012
9354-IN	IN	10507/DELMP/2008	Dec. 18, 2008	ELECTRONIC ADAPTER FOR ELECTRO-ACTIVE SPECTACLE LENSES	12/2009	March 20, 2009
6410-IN	IN	5916/DELIP/2011	Jan. 8, 2010	ELECTRO-ACTIVE SPECTACLES AND ASSOCIATED ELECTRONICS		
9354-IL	IL	196114	Feb. 20, 2009	ELECTRONIC ADAPTER FOR ELECTRO-ACTIVE SPECTACLE LENSES	196114	November 26, 2013 Accepted for grant as of 11/28/2013
6410-IL	IL	214011	Jan. 8, 2010	ELECTRO-ACTIVE SPECTACLES AND ASSOCIATED ELECTRONICS	214011	August 31, 2011
9354-IP	IP	2009-516512	Jan. 11, 2007	ELECTRONIC ADAPTER FOR ELECTRO-ACTIVE SPECTACLE LENSES	IP 2009-541793 A	November 26, 2009
	IP	2013-0167041	August 9, 2013	ELECTRONIC ADAPTER FOR ELECTRO-ACTIVE SPECTACLE LENSES	IP 2013242598	December 5, 2013
6410-JP	JP	2011-545454	Jan. 8, 2010	ELECTRO-ACTIVE SPECTACLES AND ASSOCIATED ELECTRONICS	IP 2012-514773 A	June 28, 2012
6410-RU	RU	2011133200	Jan. 8, 2010	ELECTRO-ACTIVE SPECTACLES AND ASSOCIATED ELECTRONICS	RU2011133200	February 20, 2013
9354-KR	KR	1020097001378	Jan. 22, 2009	ELECTRONIC ADAPTER FOR ELECTRO-ACTIVE SPECTACLE LENSES	1020090019015	February 24, 2009
6410-KR	KR	10-2011-7018515	Jan. 8, 2010	ELECTRO-ACTIVE SPECTACLES AND ASSOCIATED ELECTRONICS	1020110126612	November 23, 2011
9354-SG1	SG	201104571-3	Jun. 11, 2007	ELECTRONIC ADAPTER FOR ELECTRO-ACTIVE SPECTACLE LENSES	172726	July 28, 2011
6410-SG	SG	201104992-1	Jan. 8, 2010	ELECTRO-ACTIVE SPECTACLES AND ASSOCIATED ELECTRONICS	SG172914	August 29, 2011
8510-TW	TW	100123554	Jul. 4, 2011	Electro-active spectacle frames	201224572	June 16, 2012
16810-TW	TW	102110364	Mar. 24, 2013	ADJUSTABLE ELECTRO-ACTIVE OPTICAL SYSTEM AND USES THEREOF	201348791	December 1, 2013
16810-PC	PCT	PCT/US2013/033321	Mar. 21, 2013	ADJUSTABLE ELECTRO-ACTIVE OPTICAL SYSTEM AND USES THEREOF	WO/2013/142701	September 26, 2013
17510-PC	PCT	PCT/US2013/045953	Jan. 14, 2013	ELECTRONIC EYEGLASSES AND METHODS OF MANUFACTURING	WO/2013/188805	December 19, 2013
16900-AR	AR	P 13 01 00963	Mar. 25, 2013			
8511-TW	TW	102110553	Mar. 25, 2013		201348829	December 1, 2013
16900-PC	PCT	PCT/US2013/033561	Mar. 22, 2013	ELECTROCHROMIC MATERIALS AND OPTICAL SYSTEMS EMPLOYING THE SAME	WO/2013/148513	October 3, 2013
7610-AR	AR	P130102053	Jun. 14, 2013			
17610-TW	TW	102120589	Jun. 14, 2013	ADAPTER FOR EYEWEAR		
17610-PC	PCT	PCT/US2013/045090	Jun. 10, 2013	ADAPTER FOR EYEWEAR	WO/2013/188343	December 19, 2013
310-AR	AR	P080100772	February 22, 2008			
	AU	2006/163740	February 22, 2008	Ophthalmic dynamic aperture		September 17, 2009 Accepted as of Jan 13, 2014. To be published January 30, 2014
510-AU	AU	2009225638	Mar. 18, 2009	Advanced electro-active optic device	2009225638	October 7, 2010


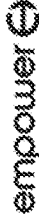
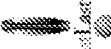

PATENT

REEL: 039220 FRAME: 0937

310-BR	BR	P10807560-3	February 22, 2008	ABERTURA OPTALMICA DINÁMICA					
510-CA	CA	2718521	Mar. 18, 2009	ADVANCED ELECTRO-ACTIVE OPTIC DEVICE	WC2009/117506			September 24, 2009	
310-CA	CA	2676025	February 22, 2008	OPHTHALMIC DYNAMIC APERTURE	WC2008/103906			August 28, 2008	
510-EP	EP	09722643.5	Mar. 18, 2009	ADVANCED ELECTRO-ACTIVE OPTIC DEVICE	EP2271964			September 24, 2009	
310-EP	EP	08730512.4	February 22, 2008	OPHTHALMIC DYNAMIC APERTURE	EP2115519			November 11, 2009	
510-IN	IN	6696/DELNP/2010	Mar. 18, 2009	ADVANCED ELECTRO-ACTIVE OPTIC DEVICE	N/A			N/A	
310-IL	IL	200423	February 22, 2008	OPHTHALMIC DYNAMIC APERTURE	200423			October 31, 2012	
310-MX	MX	MX/s/2009/008829	February 22, 2008	OPHTHALMIC DYNAMIC APERTURE	MX2009008829			October 28, 2011	
510-KR	KR	10-2010-7021841	Mar. 18, 2009	ADVANCED ELECTRO-ACTIVE OPTIC DEVICE	1020100214133			October 22, 2010	
310-KR	KR	10-2009-7016885	February 22, 2008	OPHTHALMIC DYNAMIC APERTURE	1020090094047			September 2, 2009	
310-TH	TH	801000888	February 22, 2008	OPHTHALMIC DYNAMIC APERTURE					
7310-AR	AR	P 110100969	Mar. 23, 2011	Dynamic Lens	AR080858			May 16, 2012	
8410-AR	AR	P 2011 01 02240	Jun. 27, 2011						
7310-BR	BR	1120120239694	Mar. 22, 2011	LENTE DINÁMICA	N/A			N/A	
7310-CA	CA	2793881	Mar. 22, 2011	DYNAMIC LENS	WC2011/119601			September 29, 2011	
7310-EP	EP	11713119.3	Mar. 22, 2011	DYNAMIC LENS	EP2550555			January 30, 2013	
7310-IN	IN	8287/DELNP/2012	Mar. 22, 2011	DYNAMIC LENS	N/A			N/A	
7310-IP	IP	2013-0501394	Mar. 22, 2011	Dynamic Lens	IP20130522696			June 13, 2013	
7310-MX	MX	MX/s/2012/010869	Mar. 22, 2011						
7310-TW	TW	100109973	Mar. 22, 2011	Dynamic Lens	201202782			January 16, 2012	
8410-TW	TW	100122504	Jun. 27, 2011	Electro-active spectacle frames	201224572			June 15, 2012	
9900-TW	TW	100139837	Nov. 3, 2011	Dynamic changeable focus contact and intraocular lens	201234072			August 16, 2012	

Horizon Technology Finance LLC
 Schedule _____ Purchased IP

Trademarks

Status	Country	Mark	Appl. No.	Filing Date	Reg. No.	Reg. Date
Registered	US	LIFE-ACTIVATED EYEWEAR	85371043	14-Jul-2011	4138021	08-May-2012
Registered	US	E design 	85115603	25-Aug-2010	4020532	30-Aug-2011
Registered	US	EMPOWER!	77667296	10-Feb-2009	4019863	30-Aug-2011
Pending	US	EMPOWER E design 	85847645	12-Feb-2013		
Registered	US	ATLAST!	77434556	28-Mar-2008	3644596	23-June-2009
Registered	US	ATLAST design 	77428551	21-Mar-2008	3620567	12-May-2009
Registered	US	ATLAST	77394979	12-Feb-2008	3620472	12-May-2009
Registered	US	PIXELOPTICS	77255002	14-Aug-2007	4029035	20-Sep-2011
Pending	US	EYETANIUM	85694849	03-Aug-2012		
Pending	US	EYEENHANCEMENTS	85742635	01-Oct-2012		
Pending	US		85937819	21-May-2013		

Schedule B

Contested Patents

US	US 13/178,090	Jul. 7, 2011
AU	† AU2007258383	Jun. 11, 2007
CA	† 2,656,349	Dec. 12, 2008
CN	† 200780030060.6	Jul. 1, 2010
EP	† 7795996.3	Jun. 11, 2007
HK	† HK1137056	Feb. 1, 2013
IL	† 195879	Jun. 11, 2007
JP	† 2009-515447	Jun. 11, 2007
MX	† 277686	Jun. 29, 2010
KR	† 1020097000557	Jun. 11, 2007
TH	† 701002910	Jun. 11, 2007
TW	† 96121255	Jun. 11, 2007

15710-PC PCT/US2013/020571 Jan. 7, 2013

15710-US US 2013/0215374 A1 Aug. 22, 2013