

TRADEMARK ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT		
NATURE OF CONVEYANCE:	ASSIGNS THE ENTIRE INTEREST AND THE GOODWILL		
CONVEYING PARTY DATA			
Name	Formerly	Execution Date	Entity Type
Ophthonix, Inc.		03/12/2013	CORPORATION: DELAWARE
RECEIVING PARTY DATA			
Name:	ESSILOR INTERNATIONAL (COMPAGNIE GENERALE D'OPTIQUE)		
Street Address:	147 Rue de Paris		
City:	Charenton Cedex		
State/Country:	FRANCE		
Postal Code:	94227		
Entity Type:	CORPORATION: FRANCE		
PROPERTY NUMBERS Total: 1			
Property Type	Number	Word Mark	
Serial Number:	85384071	IDAPT	
CORRESPONDENCE DATA			
Fax Number:	2149993623		
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>			
Phone:	2149994702		
Email:	ip@gardere.com		
Correspondent Name:	Kay Schwartz/Gardere Wynne Sewell LLP		
Address Line 1:	1601 Elm Street		
Address Line 2:	Suite 3000		
Address Line 4:	Dallas, TEXAS 75201		
ATTORNEY DOCKET NUMBER:	122159-3557		
DOMESTIC REPRESENTATIVE			
Name:	Kay Schwartz/Gardere Wynne Sewell LLP		
Address Line 1:	1601 Elm Street		

OP \$40.00 85384071

Address Line 2: Suite 3000
Address Line 4: Dallas, TEXAS 75201

NAME OF SUBMITTER:	Kay Schwartz
Signature:	/Kay Schwartz/
Date:	08/07/2013

Total Attachments: 31

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CONFIRMATION OF ASSIGNMENT OF IP RIGHTS

THIS DEED is made on March 12, 2013 ("*Effective Date*").

PARTIES

1. OPHTHONIX, INC., a Delaware U.S.A. corporation having an address of 1491 Poinsettia Avenue, Vista, CA 92081, USA ("*Assignor*").
2. ESSILOR INTERNATIONAL (COMPAGNIE GENERALE D'OPTIQUE), a French corporation having an address of 147 Rue de Paris, 94227 Charenton Cedex, FRANCE ("*Assignee*").

RECITALS

- A. Assignor is the record owner of, or applicant for, the patents (the "*Patents*") (if any), and the trademarks (the "*Trademarks*"), (if any), listed or referred to in the Schedule ("*IP Rights*").
- B. Assignor, together with Insolvency Services Group, Inc., a California U.S.A. corporation (as assignee for the benefit of creditors of Assignor) ("*ISG*") and Assignee, are parties to that certain Purchase Agreement dated as of even date herewith and that certain Deed of Sale, Transfer and Assignment dated as of even date herewith pursuant to which, among other things, the IP Rights were sold, assigned, transferred, conveyed and delivered to Assignee.
- C. The purpose of this document is to update the record title of the IP Rights and confirm and memorialize Assignee's ownership of the IP Rights.

OPERATIVE PROVISIONS

1. In consideration of the payment as referenced in the Purchase Agreement and other good and valuable consideration, the receipt and sufficiency of which is acknowledged by ISG, in order to complete the transfer of record title to the IP Rights, Assignor has assigned (through ISG) to the Assignee, and the Assignee has accepted absolutely on and from the Effective Date:
 - a. the entire right, title and interest in and to the Patents without geographical limit including the benefit of all priority rights and the right to file further applications based on the Patents including but not limited to divisional, continuation and continuation-in-part applications, patents of addition and utility applications, as well as counterpart applications in any country;
 - b. all rights to register and otherwise exploit the Patents including all corresponding rights obtainable in respect of the inventions that are described and/or claimed in the Patents;
 - c. all rights, powers, liberties and immunities arising from any rights granted in relation to the Patents including the right to sue for and obtain injunctive relief,

damages and all other remedies for any infringement of the assigned rights which may have occurred prior to or after the date of the assignment or this Deed; and

d. all of the Assignor's rights, title and interest in and to the Trademarks, including the goodwill relating to the Trademarks, and including any International registrations based thereon, and any national registrations based on or derived from those International registrations and including the benefit of all priority rights and all copyrights attached to the figurative elements of the trademarks for the duration of the legal protection of copyrights throughout the world, including the right to file and register any trademark application incorporating these figurative elements in all countries, and including the right to sue for and obtain injunctive relief, damages and all other remedies for any infringement of the assigned rights which may have occurred prior to or after the date of the assignment or this Deed.

2. Assignee, or an agent/mandatory designated by Assignee, will perform the registration of the present assignment at the national and/or regional relevant Patents and Trademarks Offices and at any Domain Names Registries.

[The remainder of this page left blank; signature pages follow]

EXECUTED AS A DEED by the duly authorized representatives of each party:

Signed in multiple originals in LOS ANGELES, CA USA.

OPHTHONIX, INC.

By: [Signature]
Name: W. A. ZADRA
Title: CEO
Date: 3/12/13

ESSILOR INTERNATIONAL
(COMPAGNIE GENERALE D'
OPTIQUE)

By: [Signature]
Name: S. YOGANIS - DIRECTOR
Title: Head of IP
Date: 2/18/15

Witnesses to the above signatures:

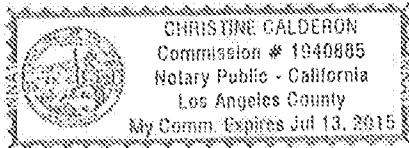
Witness: [Signature]
Printed Name: STEVEN M. SPEEDOR
Address: 1000 WILSHIRE BLVD
SUITE 1500
LOS ANGELES, CA 90017

Witness: [Signature]
Printed Name: AURELIE LE BLAYE
Address: 17 Avenue de Paris
91220 Chateaufort la Riviere
FRANCE

CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT

CIVIL CODE § 1128

State of California
County of Los Angeles
On March 12, 2013 before me, Christine Calderon, Notary Public
personally appeared Kenneth A. Czaja



who 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.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Signature: Christine Calderon
Signature of Notary Public

Place Notary Seal Above

OPTIONAL

Though this 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.

Description of Attached Document

Title or Type of Document: Contract Assign of IP Rights

Document Date: Number of Pages: 2

Signer(s) Other Than Named Above:

Capacity(ies) Claimed by Signer(s)

Signer's Name: Kenneth A Czaja Signer's Name:

X Corporate Officer -- Title(s): CEO [] Corporate Officer -- Title(s):

- Individual
Partner -- Limited General
Attorney in Fact
Trustee
Guardian or Conservator
Other

Signer is Representing:

**NOTARIAL ACKNOWLEDGMENT OF
ORIGINAL SIGNATURES ON CONFIRMATION OF ASSIGNMENT OF IP RIGHTS**

Before me, a Notary Public, on this day personally appeared _____,
_____, known to me to be the person and Officer whose name is subscribed to the
foregoing Confirmation of Assignment of IP Rights and acknowledged to me that the same was
the act of OPHTHONIX, INC. and that he executed the same as the act of such corporation
for the purposes and consideration therein expressed, and in the capacity therein stated.

Given under my hand and seal of office this _____ day of _____, 2013.

NOTARY PUBLIC,
STATE OF CALIFORNIA

My Commission Expires:

Typed or Printed Name

Before me, a Notary Public, on this day personally appeared _____,
known to me to be the person and Officer whose name is subscribed to the foregoing
Confirmation of Assignment of IP Rights and acknowledged to me that the same was the act of
ESSILOR INTERNATIONAL (COMPAGNIE GENERALE D'OPTIQUE), and that he
executed the same as the act of such corporation for the purposes and consideration therein
expressed, and in the capacity therein stated.

GIVEN UNDER MY HAND AND SEAL OF OFFICE this _____ day of
_____, 2018.

[SEAL]

NOTARY PUBLIC

SCHEDULE

TRADEMARKS

Country	Title	Serial Number/Registration Number	Application Date/Registration Date	Comments	Due Date	Due Date Description
See attached list						

together with any other trademark applications or registrations legally or beneficially owned by the Assignor in the country specified in the attached list.

PATENTS

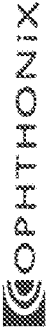
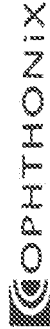
Country	Title	App#	Filing Date	Pub #	Patent #	Grant Date	Status
See attached list							

together with any other granted patents or patent applications of any type legally or beneficially owned by the Assignor in the country specified in the attached list.

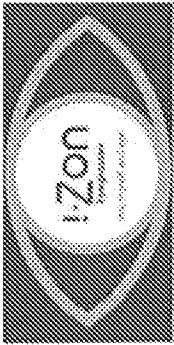
SCHEDULE

TRADEMARKS

United States

Country	Title	Serial Number/ Registration Number	Application Date/ Registration Date	Comments	Due Date	Due Date Description
United States	OPHTHONIX	76/218,642 2,995,471	03/02/2001 09/13/2005	Registered	Sep-13-2015	Next Renewal Date
United States	OPHTHONIX	76/218,638 2,925,566	03/02/2001 02/08/2005	Registered	Feb-08-2015	Next Renewal Date
United States	OPHTHONIX	76/218,640 3,127,221	03/02/2001 08/08/2006	Registered	Feb-08-2013	Grace period for Affidavit of Use
United States		78/270,043 3,379,275	07/02/2003 02/05/2008	Registered	Feb-05-2014	Deadline to File Declaration Use
United States		78/976,949 3,108,248	07/02/2003 06/20/2006	Registered	Jun-20-2016	Next Renewal Date
United States		77/012,958 3,273,499	10/03/2006 08/07/2007	Registered	Aug-07-2013	Deadline to File Declaration Use
United States	IZON	78/453,706	07/20/2004	Dead		
United States	IZON	78/976,578 3,188,278	07/20/2004 12/19/2006	Registered	Jun-19-2013	Grace period for Affidavit of Use
United States	IZON	77/077,393 3,848,128	01/05/2007 09/14/2010	Registered	Sep-14-2016	Deadline to File Declaration Use
United States	PERCEPT	78/453,707	07/20/2004	Dead		

Country	Title	Serial Number/Registration Number	Application Date/Registration Date	Comments	Due Date	Due Date Description
United States	20/HAPPY IS NOT VISION OPTIMIZED	78/338,271	12/09/2003	Dead		
United States	VISION OPTIMIZED. NOT COMPROMISED.	78/387,098	03/18/2004	Dead		
United States	WAVEFRACTION	78/402,526	04/15/2004	Dead		
United States	WAVEFRACTOR	78/387,110	03/18/2004	Dead		
United States	Z-LENS (CL.9)	76/218,639	03/02/2001	Dead		
United States	Z-LENS (CL.10)	76/218,641	03/02/2001	Dead		
United States	Z-LENS	78/784,294	01/03/2006	Dead		
United States	Z VIEW	78/270,026 3,199,308	07/02/2003 01/16/2007	Registered	Jan-16-2013 Jul-16-2013	Deadline to File Declaration Use Grace period for Affidavit of Use
United States	ZX	78/387,101	03/18/2004	Dead		
United States	DIGITAL PHOROPTER	76/298,163	08/13/2001	Dead		
United States	i.Zon	78/612,317 3,946,032	04/19/2005 04/12/2011	Registered	Apr-12-2017	Deadline to File Declaration Use
United States	Z:view	78/612,332 3,319,911	04/19/2005 10/23/2007	Registered	Oct-23-2013	Deadline to File Declaration Use
United States	ME, MYSELF AND EYE	78/615,275 3,195,116	04/22/2005 01/02/2007	Registered	Jul-02-2013	Grace period for Affidavit of Use

Country	Title	Serial Number/Registration Number	Application Date/Registration Date	Comments	Due Date	Due Date Description
United States		78/635,084	05/23/2005	Dead		
United States	IZONIK	78/648,669	06/10/2005	Dead		
United States	IZONIK	77/698,196 4,150,475	03/24/2009 05/29/2012	Registered	May-29-2018	Deadline to File Declaration Use
United States	INSTALENS	78/808,260	02/06/2006	Dead		
United States	INSTALENS	77/861,790	10/30/2009	Dead		
United States	EYEPRINT	78/834,727	03/10/2006	Dead		
United States	IPRINT	78/837,128 3,747,847	03/14/2006 02/09/2010	Registered	Feb-09-2016	Deadline to File Declaration Use
United States	FAR, NEAR AND IN-BETWEEN	78/845,995	03/24/2006	Dead		
United States		78/848,390	03/28/2006	Dead		
United States	NEAR, FAR AND IN-BETWEEN	78/888,190	05/19/2006	Dead		
United States	NEAR, FAR AND IN-BETWEEN	77/872,400	11/13/2009	Dead		

Country	Title	Serial Number/ Registration Number	Application Date/ Registration Date	Comments	Due Date	Due Date Description
United States	Publicize	77/028,576 3,482,599	10/24/2006 08/05/2008	Registered	Aug-05-2014	Deadline to File Declaration Use
United States		77/055,071 3,785,122	12/01/2006 05/04/2010	Registered	May-04-2016	Deadline to File Declaration Use
United States	WOW	77/537,784 3,858,700	11/27/2007 10/12/2010	Registered	Oct-12-2016	Deadline to File Declaration Use
United States	WOW	85/081,848 4,057,199	07/09/2010 11/15/2011	Registered	Nov-15-2017	Deadline to File Declaration Use
United States	IDAPT	85/384,071	07/28/2011	Pending	Aug-21-2013	Statement of Use Due or EOT 3
United States	POWERED BY IPRINT	77/872,280 3,866,649	11/13/2009 10/26/2010	Registered	Oct-26-2016	Deadline to File Declaration Use
United States	VIZERA	85/652,183	06/14/2012	Pending	Jul-07-2013	Statement of Use Due or EOT 1

PATENTS

United States

ATTY REF #	CLI REF #	COUNTRY	TITLE	APPL#	FILING DATE	PUB #	PATENT #	GRANT DATE	STATUS
57847-20003.00	OPH.025A	US	US SYSTEM AND METHOD FOR ANALYZING WAVEFRONT ABERRATIONS	11/064 382	02/22/2005				Dropped
57847-20005.00	OPH.001A	US	CUSTOM EYEGLASS MANUFACTURING METHOD	10/046 656	10/25/2001		6 682 195	01/27/2004 Expiry: 10/25/2021	Granted
57847-20005.01	OPH.001A1	US	CUSTOM EYEGLASS MANUFACTURING METHOD	12/208295	09/10/2008		7 845 797	12/07/2010 Expiry: 10/25/2021	Granted
57847-20005.20	OPH.001CP1	US	CUSTOM EYEGLASS MANUFACTURING METHOD	10/756243	01/13/2004		7 434 931	10/14/2008 Expiry: 10/25/2021	Granted
57847-20007.00	OPH.002A	US	SYSTEM AND METHOD FOR WAVEFRONT MEASUREMENT	10/014 037	12/10/2001		6 781 681	08/24/2004 Expiry: 12/10/2021	Granted
57847-20007.20	OPH.002CP1	US	SYSTEM AND METHOD FOR WAVEFRONT MEASUREMENT	10/314 906	12/09/2002		7 034 949	04/25/2006 Expiry: 12/10/2021	Granted
57847-20007.01	OPH.002CP1A	US	SYSTEM AND METHODS FOR WAVEFRONT MEASUREMENT	11/371 038	03/08/2006		7 440 115	10/21/2008 Expiry: 12/10/2021	Granted
57847-20008.00	OPH.003A	US	APPARATUS AND METHOD FOR DETERMINING OBJECTIVE REFRACTION USING WAVEFRONT SENSING	10/076 218	02/13/2002		6 761 454	07/13/2004 Expiry: 02/13/2022	Dropped

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ATTY REF #	CLI REF #	COUNTRY	TITLE	APPL#	FILING DATE	PUB #	PATENT #	GRANT DATE	STATUS
57847-20008.01	OPH.003C1	US	APPARATUS AND METHOD FOR DETERMINING OBJECTIVE REFRACTION USING WAVEFRONT SENSING	10/889 659	07/12/2004		7 114 808	10/03/2006 Expiry: 02/13/2022	Granted
57847-20008.02	OPH.003HC1	US	APPARATUS AND METHOD FOR DETERMINING OBJECTIVE REFRACTION USING WAVEFRONT SENSING	10/652 552	09/02/2003				Dropped
57847-20008.03	OPH.003?	US	APPARATUS AND METHOD FOR DETERMINING OBJECTIVE REFRACTION USING WAVEFRONT SENSING	10/733 154	12/11/2003				Dropped
57847-20008.05	OPH.003?	US	APPARATUS AND METHOD FOR DETERMINING OBJECTIVE REFRACTION USING WAVEFRONT SENSING	12/350 813	01/08/2009				Dropped
57847-20008.04	OPH.003HC1C2	US	METHOD FOR DETERMINING OBJECTIVE REFRACTION USING WAVEFRONT SENSING	11/652 856	01/12/2007		7 490 940	02/17/2009 Expiry: 09/02/2023	Granted
57847-20006.06	OPH.004 ?	US	EYEGLASS MANUFACTURING METHOD USING VARIABLE INDEX LAYER	11/703 855	02/07/2007				Dropped
57847-20006.00	OPH.004A	US	EYEGLASS MANUFACTURING METHOD USING VARIABLE INDEX LAYER	10/044 304	10/25/2001		6 712 466	03/30/2004 Expiry: 10/25/2021	Granted

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ATTY REF #	CLI REF #	COUNTRY	TITLE	APPL#	FILING DATE	PUB #	PATENT #	GRANT DATE	STATUS
57847-20006.01	OPH.004C1	US	EYEGLASS MANUFACTURING METHOD USING VARIABLE INDEX LAYER	10/773 667	02/06/2004		6 840 619	01/11/2005 Expiry: 10/25/2021	Dropped
57847-20006.02	OPH.004C1C1	US	EYEGLASS MANUFACTURING METHOD USING VARIABLE INDEX LAYER	11/003 037	12/02/2004		6 942 339	09/13/2005 Expiry: 02/06/2024	Granted
57847-20006.03	OPH.004C1C2	US	EYEGLASS MANUFACTURING METHOD USING VARIABLE INDEX LAYER	11/338 091	01/24/2006		7 857 445	12/28/2010 Expiry: 10/25/2021	Granted
57847-20006.04	OPH.004C1C3	US	EYEGLASS MANUFACTURING METHOD USING VARIABLE INDEX LAYER	11/338 090	01/24/2006		7 249 847	07/51/2007 Expiry: 09/20/2024	Granted
57847-20006.05	OPH.004C1C4	US	EYEGLASS MANUFACTURING METHOD USING VARIABLE INDEX LAYER	11/649 995	01/05/2007		7 503 651	03/17/2009 Expiry: 10/25/2021	Granted
57847-20006.07	OPH.004C1C6	US	EYEGLASS MANUFACTURING METHOD USING VARIABLE INDEX LAYER	11/830 736	07/30/2007		7 931 368	04/26/2011 Expiry: 10/25/2021	Granted
57847-20006.08	OPH.004C1C7	US	VISION IN MACULAR DEGENERATION PATIENTS	12/048 169	03/13/2008		7 588 333	09/15/2009 Expiry: 02/07/2027	Granted
57847-20006.09	OPH.004C1C9	US	EYEGLASS MANUFACTURING METHOD USING VARIABLE INDEX LAYER	12/470 409	05/21/2009		7 988 284	08/02/2011 Expiry: 10/25/2021	Granted

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ATTY REF #	CLUREF #	COUNTRY	TITLE	APPL#	FILING DATE	PUB #	PATENT #	GRANT DATE	STATUS
57847-20006.10	OPH.004C1DV1	US	EYEGLOSS MANUFACTURING METHOD USING VARIABLE INDEX LAYER	10/946 384	09/20/2004		7 021 764	04/04/2006 Expiry: 02/06/2024	Granted
57847-20009.00	OPH.011A	US	OPTICAL ELEMENTS AND METHODS FOR MAKING THEREOF	10/253 956	09/24/2002		6 836 371	12/28/2004 Expiry: 09/24/2022	Granted
57847-20009.01	OPH.011?	US	OPTICAL ELEMENTS AND METHODS FOR MAKING THEREOF	12/144 525	06/23/2008				Dropped
57847-20009.20	OPH.011CP1	US	OPTICAL ELEMENTS AND METHODS FOR MAKING THEREOF	10/936 169	09/07/2004		7 420 743	09/02/2008 Expiry: 09/24/2022	Granted
57847-20009.10	OPH.011DV1	US	OPTICAL ELEMENTS AND METHODS FOR MAKING THEREOF	10/959 708	10/05/2004		6 934 088	08/23/2005 Expiry: 09/24/2022	Granted
57847-20009.11	OPH.011DV2	US	OPTICAL ELEMENTS AND METHODS FOR MAKING THEREOF	10/959 495	10/05/2004		6 976 641	12/20/2005 Expiry: 09/24/2022	Granted
57847-20021.00	OPH.012A	US		?	?				?
57847-20004.00	OPH.015A	US	WAVEFRONT ABERRATOR AND METHOD OF MANUFACTURING	09/875 447	06/04/2001		6 813 082	11/02/2004 Expiry: 06/04/2021	Granted

ATTY REF #	CL REF #	COUNTRY	TITLE	APPL #	FILING DATE	PUB #	PATENT #	GRANT DATE	STATUS
57847-20004.01	OPH.013 ?	US	APPARATUS AND METHOD OF FABRICATING A COMPENSATING ELEMENT FOR WAVEFRONT CORRECTION USING SPATIALLY LOCALIZED CURING OF RESIN MIXTURES	?	?				?
57847-20004.02	OPH.013 ?	US	WAVEFRONT ABERRATOR AND METHOD OF MANUFACTURING	?	?				?
57847-20004.03	OPH.013 ?	US	WAVEFRONT ABERRATOR AND METHOD OF MANUFACTURING	?	?				?
57847-20004.04	OPH.013 ?	US	WAVEFRONT ABERRATOR AND METHOD OF MANUFACTURING	11/749 058	05/15/2007				Dropped
57847-20004.12	OPH.013C4C1	US	APPARATUS AND METHOD OF FABRICATING A COMPENSATING ELEMENT FOR WAVEFRONT CORRECTION USING SPATIALLY LOCALIZED CURING OF RESIN MIXTURES	12/437 506	05/07/2009				Revivable
57847-20004.20	OPH.013CP1	US	APPARATUS AND METHOD OF CORRECTING HIGHER-ORDER ABERRATIONS OF THE HUMAN EYE	10/218 049	08/12/2002		7 293 871	11/13/2007 Expiry: 06/04/2021	Revivable

TRADEMARK

ATTY REF #	CLI REF #	COUNTRY	TITLE	APPL#	FILING DATE	PUB #	PATENT #	GRANT DATE	STATUS
57847-20004.21	OPH.013CP2	US	APPARATUS AND METHOD OF FABRICATING A COMPENSATING ELEMENT FOR WAVEFRONT CORRECTION USING SPATIALLY LOCALIZED CURING OF RESIN MIXTURES	10/265 517	10/03/2002		7 217 375	05/15/2007 Expiry: 06/04/2021	Granted
57847-20004.10	OPH.013DV1	US	WAVEFRONT ABERRATOR AND METHOD OF MANUFACTURING	10/946 373	09/20/2004		6 989 938	01/24/2006 Expiry: 06/04/2021	Granted
57847-20004.11	OPH.013DV1A	US	APPARATUS AND METHOD OF CORRECTING HIGHER-ORDER ABERRATIONS OF THE HUMAN EYE	11/869 607	10/09/2007		7 695 134	04/13/2010 Expiry: 08/12/2021	Revivable
57847-20014.00	OPH.013 ?	US	APPARATUS AND METHOD OF FABRICATING AN OPHTHALMIC LENS FOR WAVEFRONT CORRECTION USING SPATIALLY LOCALIZED PHOTOPOLYMERIZATION MATERIALS	10/851 300	05/21/2004				Dropped

ATTY REF #	CLJ REF #	COUNTRY	TITLE	APPL#	FILING DATE	PUB #	PATENT #	GRANT DATE	STATUS
57847-20014.01	OPH.013CP4	US	APPARATUS AND METHOD OF FABRICATING AN OPHTHALMIC LENS FOR WAVEFRONT CORRECTION USING SPATIALLY LOCALIZED CURING OF PHOTOPOLYMERIZATION MATERIALS	12/027 907	02/07/2008				Dropped
57847-20012.20	OPH.023 ?	US	SYSTEM FOR MANUFACTURING AN OPTICAL LENS	?	?				Dropped
57847-20012.00	OPH.023A	US	SYSTEM FOR MANUFACTURING AN OPTICAL LENS	10/936 132	09/07/2004		7 234 810	06/26/2007 Expiry: 09/07/2024	Granted
57847-20012.01	OPH.023C1	US	SYSTEM FOR MANUFACTURING AN OPTICAL LENS	11/634 637	12/06/2006		7 497 573	03/03/2009 Expiry: 12/06/2026	Granted
57847-20012.02	OPH.023C2	US	SYSTEM FOR MANUFACTURING AN OPTICAL LENS	12/393 975	02/26/2009		8 002 407	08/23/2011 Expiry: 02/26/2029	Granted
57847-20012.03	OPH.023C3	US	VISION CORRECTION LENSES	13/186 413	07/19/2011	2011027366 6			Filed
57847-20013.00	OPH.024A	US	OPHTHALMIC DIAGNOSTIC INSTRUMENT	10/971 769	10/22/2004		7 425 067	09/16/2008 Expiry: 10/22/2024	Granted
57847-20013.10	OPH.024ADV1	US	OPHTHALMIC DIAGNOSTIC INSTRUMENT	12/211 775	09/16/2008		7 909 461	03/22/2011 Expiry: 10/22/2024	Granted
57847-20013.11	OPH.024ADV2	US	OPHTHALMIC DIAGNOSTIC INSTRUMENT	13/028 108	02/15/2011		8 113 658	02/14/2012 Expiry: 10/22/2024	Granted

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ATTY REF #	CLI REF #	COUNTRY	TITLE	APPL#	FILING DATE	PUB #	PATENT #	GRANT DATE	STATUS
57847-20013.01	OPH.024ADV3	US	OPHTHALMIC DIAGNOSTIC INSTRUMENT	13/560 515	01/27/2012	2012013402 9			Filed
57847-20003.10	OPH.025DV1	US	SYSTEM AND METHOD FOR ANALYZING WAVEFRONT ABERRATIONS	12/755 352	04/06/2010		7 954 950	06/07/2011 Expiry: 02/20/2024	Granted
57847-20003.11	OPH.025DV2	US	SYSTEM AND METHOD FOR ANALYZING WAVEFRONT ABERRATIONS	13/099 190	05/02/2011				Filed
57847-20015.00	OPH.026A	US	LENSEMETERS AND WAVEFRONT SENSORS AND METHODS OF MEASURING ABERRATION	10/971 937	10/22/2004				Dropped
57847-20015.01	OPH.026C1	US	LENSEMETERS AND WAVEFRONT SENSORS AND METHODS OF MEASURING ABERRATION	12/019 614	01/24/2008		7 659 971	02/09/2010 Expiry: 02/08/2024	Granted
57847-20020.02	OPH.031	US	MONOMERS AND POLYMERS FOR OPTICAL ELEMENTS	12/883027	09/15/2010				Dropped
57847-20020.00	OPH.031A	US	MONOMERS AND POLYMERS FOR OPTICAL ELEMENTS	10/936030	09/07/2004		7 371 804	05/13/2008 Expiry: 09/07/2024	Granted
57847-20020.01	OPH.031C1	US	MONOMERS AND POLYMERS FOR OPTICAL ELEMENTS	11/935 989	11/06/2007		7 821 719	10/26/2010 Expiry: 09/07/2024	Granted
57847-20027.00	OPH.031C1P1	US	CUSTOM MONOMERS AND POLYMERS FOR SPECTACLE LENSES	11/726055	03/20/2007				Filed

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ATTY REF #	CLI REF #	COUNTRY	TITLE	APPL#	FILING DATE	PUB #	PATENT #	GRANT DATE	STATUS
57847-20020.24	OPH.031CIP2	US	TINTED LENSES THAT CORRECT FOR HIGH ORDER ABERRATIONS	11/726 075	03/20/2007		8 000 013	08/16/2011 Expiry: 09/07/2024	Granted
57847-20020.03	OPH.031CIP2D V1	US	TINTED LENSES THAT CORRECT FOR HIGH ORDER ABERRATIONS	13/177463	07/06/2011				Filed
57847-20020.20		US	MONOMERS AND POLYMERS FOR OPTICAL ELEMENTS	?	?				?
57847-20020.21		US	PHOTOCHROMIC IZONIK MATERIAL	?	?				
57847-20020.22		US	MONOMERS AND POLYMERS FOR OPTICAL ELEMENTS	?	?				
57847-20020.23		US	MONOMERS AND POLYMERS FOR OPTICAL ELEMENTS	?	?				
57847-20017.01	OPH.032 ?	US	METHOD OF MANUFACTURING AN OPTICAL LENS	?	?				?
57847-20017.00	OPH.032A	US	METHOD OF MANUFACTURING AN OPTICAL LENS	10/935798	09/07/2004				Dropped
57847-20017.10	OPH.032C1	US	METHOD OF MANUFACTURING AN OPTICAL LENS	13/329 119	12/16/2011				Revivable

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ATTY REF #	CLI REF #	COUNTRY	TITLE	APPL#	FILING DATE	PUB#	PATENT #	GRANT DATE	STATUS
57847-20023.00	OPH.037A	US	METHOD FOR PRESCRIBING A CORRECTION FOR THE REFRACTIVE ABERRATIONS OF THE EYE (AKA SLM-1, LOW ORDER)	?	?				?
57847-20016.00	OPH.038A	US	APPARATUS AND METHOD FOR DETERMINING SPHERE AND CYLINDER COMPONENTS OF SUBJECTIVE REFRACTION USING OBJECTIVE WAVEFRONT MEASUREMENT	11/172 478	06/30/2005		7 461 938	12/09/2008 Expiry: 06/30/2025	Granted
57847-20016.10	OPH.038C1	US	APPARATUS AND METHOD FOR DETERMINING SPHERE AND CYLINDER COMPONENTS OF SUBJECTIVE REFRACTION USING OBJECTIVE WAVEFRONT MEASUREMENT	12/270 779	11/12/2008		7 824 033	11/02/2010 Expiry: 06/30/2025	Granted
57847-20016.11	OPH.038C2	US	APPARATUS AND METHOD FOR DETERMINING SPHERE AND CYLINDER COMPONENTS OF SUBJECTIVE REFRACTION USING OBJECTIVE WAVEFRONT MEASUREMENT	12/891 610	09/27/2010		8 033 664	10/21/2011 Expiry: 06/30/2025	Granted
57847-20019.00	OPH.039A	US	METHOD FOR STABILIZING REFRACTIVE INDEX PROFILES USING POLYMER MIXTURES	10/935 799	09/07/2004				Dropped

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ATTY REF #	CLI REF #	COUNTRY	TITLE	APPL #	FILING DATE	PUB #	PATENT #	GRANT DATE	STATUS
57847-20019.10	OPH.039DV1	US	METHOD FOR STABILIZING REFRACTIVE INDEX PROFILES USING POLYMER MIXTURES	12/361 498	01/28/2009		7 772 297	08/10/2010 Expiry: 09/07/2024	Granted
57847-20019.01	OPH.039DV2	US	METHOD FOR STABILIZING REFRACTIVE INDEX PROFILES USING POLYMER MIXTURES	12/854 061	08/10/2010		8 034 262	10/21/2011 Expiry: 09/07/2024	Granted
57847-20018.03	OPH.044?	US	EYEGLOSS DISPENSING METHOD	?	?				?
57847-20018.00	OPH.044A	US	EYEGLOSS DISPENSING METHOD	10/936 131	09/07/2004		7 188 950	03/13/2007 Expiry: 09/07/2024	Granted
57847-20018.01	OPH.044C1	US	EYEGLOSS DISPENSING METHOD	11/703 888	02/06/2007		7 568 799	08/04/2009 Expiry: 09/07/2024	Granted
57847-20018.02	OPH.044C2	US	EYEGLOSS DISPENSING METHOD	12/491 188	06/24/2009		8 066 369	11/29/2011 Expiry: 09/07/2024	Granted
57847-20018.03	OPH.044C2	US	EYEGLOSS DISPENSING METHOD	?	?				?
57847-20029.00	OPH.047A	US	HIGH-ORDER ABERRATION CORRECTION FOR OPTIMIZATION OF HUMAN VISUAL FUNCTION	11/749 721	05/16/2007		7 697 212	04/13/2010 Expiry: 05/16/2026	Granted
57847-20029.01	OPH.047C1	US	HIGH-ORDER ABERRATION CORRECTION FOR OPTIMIZATION OF HUMAN VISUAL FUNCTION	12/755 342	06/06/2010		8 098 440	01/17/2012 Expiry: 05/16/2026	Granted
57847-20029.02	OPH.047C2	US	HIGH-ORDER ABERRATION CORRECTION FOR OPTIMIZATION OF HUMAN VISUAL FUNCTION	13/342858	01/03/2012				Filed

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ATTY REF #	CLUREF #	COUNTRY	TITLE	APPL#	FILING DATE	PUB #	PATENT #	GRANT DATE	STATUS
57847-20029.10	OPH.047 ?	US	HIGH-ORDER ABERRATION CORRECTION FOR OPTIMIZATION OF HUMAN VISUAL FUNCTION	?	?				?
57847-20031.00	OPH.048A	US	MATERIALS AND METHODS FOR PRODUCING LENSES	11/653 498	01/16/2007		7 701 641	04/20/2010 Expiry: 03/06/2025	Granted
57847-20031.01	OPH.048C1	US	MATERIALS AND METHODS FOR PRODUCING LENSES	12/762 259	04/16/2010		7 969 660	06/28/2011 Expiry: 03/06/2025	Granted
57847-20031.10	OPH.048 ?	US	MATERIALS AND METHODS FOR PRODUCING LENSES	?	?				
57847-20033.00	OPH.066A	US	CUSTOMIZED Z-LENS DESIGN PROGRAM	11/963 609	12/21/2007		7 832 863	11/16/2010 Expiry: 12/21/2027	Granted
57847-20033.01	OPH.066C1	US	CUSTOMIZED Z-LENS DESIGN PROGRAM	12/755345	04/06/2010				Dropped
57847-20033.10	OPH.066 ?	US	CUSTOMIZED Z-LENS DESIGN PROGRAM	?	?				
57847-20034.00	OPH.066CP1	US	METHOD OF DESIGNING PROGRESSIVE ADDITION LENSES	12/990468	04/30/2009				Filed
57847-20027.30	OPH.068A	US	OPTICAL ELEMENTS WITH A GAP BETWEEN TWO LENS MATERIALS	11/726 058	03/20/2007		7 950 799	05/31/2011 Expiry: 03/29/2027	Granted
57847-20032.00	OPH.074A	US	METHODS AND LENSES FOR CORRECTION OF CHROMATIC ABERRATION	11/861 196	09/25/2007		7 918 555	04/05/2011 Expiry: 09/25/2027	Granted

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REEL: 005087 FRAME: 0267

ATTY REF #	CLI REF #	COUNTRY	TITLE	APPL#	FILING DATE	PUB #	PATENT #	GRANT DATE	STATUS
57847-20032.10	OPH.074AC1	US	METHODS AND LENSES FOR CORRECTION OF CHROMATIC ABERRATION	13/037 138	02/28/2011				Filed
57847-20036.00	OPH.077	US	METHOD OF DESIGNING PROGRESSIVE ADDITION LENSES	13/066 482	04/14/2011	20120262668			Filed
57847-30001.00		US	HOLOGRAPHIC DIFFUSER BASE F# CONVERTING OPTICAL TECHNIQUE	?	?				Provisional
57847-30002.00		US	CUSTOM HIGH ORDER CORRECTIVE LENS DESIGN AND TECHNIQUE	?	?				Provisional
57847-30003.00		US	SYSTEM AND METHOD FOR ANALYZING WAVEFRONT ABERRATIONS	60/546378	02/20/2004				Provisional
57847-30009.00		US	OPTICAL ELEMENTS AND METHODS FOR MAKING THEREOF	60/395 878	07/11/2002				Provisional
57847-30010.00		US	STRUCTURES FOR ACHIEVING IMPROVED VISION	60/446 384	02/10/2003				Provisional
57847-30011.00		US	APPARATUS AND METHOD FOR CURING OF UV PROTECTED AND UV CURABLE MONOMERS	60/472669	05/21/2003				Provisional

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REEL: 005087 FRAME: 0268

ATTY REF #	CLI REF #	COUNTRY	TITLE	APPL#	FILING DATE	PUB #	PATENT #	GRANT DATE	STATUS
57847-30012.00		US	METHOD FOR PRESCRIBING AND FABRICATING AND DISPENSING TO A PATIENT LENSES THAT ARE CUSTOMIZED TO CORRECT FOR LOW AND HIGH ORDER ABERRATIONS	60/520 065	11/14/2003				Provisional
57847-30013.00		US	OPHTHALMIC DIAGNOSTIC INSTRUMENT	60/520 294	11/14/2003				Provisional
57847-30015.00		US	LENSMETERS AND WAVEFRONT SENSORS AND METHODS OF MEASURING ABERRATION	60/581 127	06/18/2004				Provisional
57847-30016.00		US	APPARATUS AND METHOD FOR DETERMINING SPHERE AND CYLINDER COMPONENTS OF SUBJECTIVE REFRACTION USING OBJECTIVE WAVEFRONT MEASUREMENT	60/584 318	06/30/2004				Provisional
57847-30022.00		US	METHOD FOR CONTROLLING IRIS OPENING PROVIDING SUPER NORMAL VISION	?	?				Provisional
57847-30027.00		US	MONOMERS AND POLYMERS FOR OPTICAL ELEMENTS AND METHODS FOR MAKING THE SAME	60/784 394	03/20/2006				Provisional

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ATTY REF #	CL REF #	COUNTRY	TITLE	APPL#	FILING DATE	PUB #	PATENT #	GRANT DATE	STATUS
57847-30028.00		US	WAVEFRONT GUIDED SPECTACLES FOR PATIENTS WITH MACULAR DISEASE	60/787 790	03/31/2006				Provisional
57847-30029.00	OPH-47PR	US	HIGH ORDER ABERRATION CORRECTION FOR OPTIMIZATION OF HUMAN VISUAL FUNCTION	60/800 988	05/16/2006				Provisional
57847-30030.00		US	WAVEFRONT GUIDED PROGRAMMABLE SPECTACLES	60/903 146	02/23/2007				Provisional
57847-30032.00		US	METHOD AND LENSES FOR CORRECTION OF CHROMATIC ABERRATION	60/847 019	09/25/2006				Provisional
57847-30034.00		US	METHOD OF DESIGNING PROGRESSIVE ADDITION LENSES	61/125 926	04/30/2008				Provisional
57847-30035.00		US	CORRECTIVE LENSES BASED ON WAVEFRONT REFRACTION FOR AMD PATIENTS	61/240 086	09/04/2009				Provisional
57847-20011.00	OPH.015A	US	APPARATUS AND METHOD FOR CURING OF UV PROTECTED AND UV CURABLE MONOMER AND POLYMER MIXTURES	10/848 942	05/18/2004				Dropped
57847-20011.01		US	APPARATUS AND METHOD FOR CURING OF UV PROTECTED AND UV CURABLE MONOMER AND POLYMER MIXTURES	12/191206	08/13/2008				Dropped

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REEL: 005087 FRAME: 0270

ATTY REF #	CLI REF #	COUNTRY	TITLE	APPL#	FILING DATE	PUB #	PATENT #	GRANT DATE	STATUS
57847-20001.00		US	HOLOGRAPHIC DIFFUSER BASE F# CONVERTING OPTICAL TECHNIQUE	?	?				
57847-20002.00		US	CUSTOM HIGH ORDER CORRECTIVE LENS DESIGN AND TECHNIQUE	?	?				
57847-20024.00		US	METHOD FOR IMPROVING THE WAVEFRONT PROFILE IN A SPECTACLE LENS FOR CANCELLING THE	?	?				
57847-20025.00		US	METHOD OPTIMIZING THE REFRACTIVE INDEX PROFILE IN EYEGLASSES	?	?				
57847-20026.00		US	PROGRESSIVE LENS	?	?				
57847-20028.00		US	WAVEFRONT GUIDED SPECTACLES FOR PATIENTS WITH MACULAR DISEASE	?	?				
57847-20030.00		US	WAVEFRONT GUIDED PROGRAMMABLE SPECTACLES	?	?				

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REEL: 005087 FRAME: 0271

PCT

ATTY REF #	CLI REF #	COUNTRY	TITLE	APPL#	FILING DATE	PUB #	PATENT #	GRANT DATE	STATUS
57847-20034.40	OPH.066 ?	PCT	PCT METHOD OF DESIGNING PROGRESSIVE ADDITION LENSES	PCT/US2009/042399	04/30/2009				Dropped
57847-20005.44	OPH.001QPC	PCT	CUSTOM EYEGLASS MANUFACTURING METHOD	PCT/US/2004/041977	12/14/2004				Dropped
57847-20005.40	OPH.001VPC	PCT	CUSTOM EYEGLASS MANUFACTURING METHOD	PCT/US2002/034335	10/23/2002				Dropped
57847-20007.40	OPH.002QPC	PCT	SYSTEMS AND METHODS FOR WAVEFRONT MEASUREMENT	PCT/US2002/039526	12/09/2002				Dropped
57847-20008.40	OPH.003HPC	PCT	APPARATUS AND METHOD FOR DETERMINING OBJECTIVE REFRACTION USING WAVEFRONT SENSING	PCT/US2003/004921	02/13/2003				Dropped
57847-20006.40	OPH.004VPC	PCT	EYEGLASS MANUFACTURING METHOD USING VARIABLE INDEX LAYER	PCT/US2002/034334	10/23/2002				Dropped
57847-20009.40	OPH.011VPC	PCT	OPTICAL ELEMENTS AND METHODS FOR MAKING THEREOF	PCT/US2003/019935	06/24/2003				Dropped
57847-20009.45	OPH.011VJP	PCT	OPTICAL ELEMENTS AND METHODS FOR MAKING THEREOF	PCT/US2005/052000	09/07/2005				Dropped

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ATTY REF #	CLI REF #	COUNTRY	TITLE	APPL#	FILING DATE	PUB #	PATENT #	GRANT DATE	STATUS
57847-20004.40	OPH.013QPC	PCT	APPARATUS AND METHOD OF CORRECTING HIGHER-ORDER ABERRATIONS OF THE HUMAN EYE	PCT/US/2003/024150	07/30/2003				Dropped
57847-20004.44	OPH.013HPC	PCT	APPARATUS AND METHOD OF FABRICATING A COMPENSATING ELEMENT FOR WAVEFRONT CORRECTION USING SPATIALLY LOCALIZED CURING OF RESIN MIXTURES	PCT/US2003/027936	09/04/2003				Dropped
57847-20014.40	OPH.013 ?	PCT	APPARATUS AND METHOD OF FABRICATING AN OPHTHALMIC LENS FOR WAVEFRONT CORRECTION USING SPATIALLY LOCALIZED CURING OF PHOTOPOLYMERIZATION MATERIALS	PCT/US2005/018125	05/23/2005				Dropped
57847-20012.40	OPH.023VPC	PCT	SYSTEM FOR MANUFACTURING AN OPTICAL LENS	PCT/US2004/036305	10/29/2004				Dropped
57847-20013.40	OPH.024VPC	PCT	OPHTHALMIC BINOCULAR WAVEFRONT MEASUREMENT SYSTEM	PCT/US2004/036306	10/29/2004				Dropped
57847-20003.40	OPH.025VPC	PCT	SYSTEM AND METHOD FOR ANALYZING WAVEFRONT ABERRATIONS	PCT/US2005/005956	02/22/2005				Dropped

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ATTY REF #	CLI REF #	COUNTRY	TITLE	APPL#	FILING DATE	PUB #	PATENT #	GRANT DATE	STATUS
57847-20015.40	OPH.026VPC	PCT	LENSEMETERS AND WAVEFRONT SENSORS AND METHODS OF MEASURING ABERRATION	PCT/US2004/036307	10/29/2004				Dropped
57847-20027.40	OPH.031 ?	PCT	MONOMERS AND POLYMERS FOR OPTICAL ELEMENTS AND METHODS FOR MAKING THE SAME	PCT/US2007/006972	03/20/2007				Dropped
57847-20027.47	OPH.031 ?	PCT	CUSTOM MONOMERS AND POLYMERS FOR SPECTACLE LENSES	PCT/US2007/006992	03/20/2007				Dropped
57847-20020.40	OPH.031VPC	PCT	MONOMERS AND POLYMERS FOR OPTICAL ELEMENTS	PCT/US2005/031988	09/07/2005				Dropped
57847-20017.40	OPH.032VPC	PCT	METHOD OF MANUFACTURING AN OPTICAL LENS	PCT/US2005/032028	09/07/2005				Dropped
57847-20019.40	OPH.039VPC	PCT	METHOD FOR STABILIZING REFRACTIVE INDEX PROFILES USING POLYMER MIXTURES	PCT/US2005/031973	09/07/2005				Dropped
57847-20018.40	OPH.044VPC	PCT	EYEGLASS MANUFACTURING METHOD	PCT/US2004/036099	10/29/2004				Dropped
57847-20029.40	OPH.047VPC	PCT	HIGH-ORDER ABERRATION CORRECTION FOR OPTIMIZATION OF HUMAN VISUAL FUNCTION	PCT/US2007/069086	05/16/2007				Dropped
57847-20031.40	OPH.048VPC	PCT	MATERIALS AND METHODS FOR PRODUCING LENSES	PCT/US2007/007000	03/20/2007				Dropped

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ATTY REF #	CLI REF #	COUNTRY	TITLE	APPL#	FILING DATE	PUB #	PATENT #	GRANT DATE	STATUS
57847-20033.40	OPH.066 ?	PCT	CUSTOMIZED Z-LENS DESIGN PROGRAM	PCT/US2008/087035	12/16/2008				Dropped
57847-20032.40	OPH.074XCIP CT	PCT	METHODS AND LENSES FOR CORRECTION OF CHROMATIC ABERRATION	PCT/US2007/079462	09/23/2007				Dropped
57847-20011.40		PCT	APPARATUS AND METHOD FOR CURING OF UV PROTECTED AND UV CURABLE MONOMER AND POLYMER MIXTURES	PCT/US2004/015828	03/19/2004				Dropped
57847-20026.40		PCT	PROGRESSIVE LENS	?	?				
57847-20028.40		PCT	WAVEFRONT GUIDED SPECTACLES FOR PATIENTS WITH MACULAR DISEASE	?	?				
57847-20030.40		PCT	WAVEFRONT GUIDED PROGRAMMABLE SPECTACLES	?	?				