

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT5888505

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
LENSAR, INC.	11/15/2015
RECEIVING PARTY DATA	
Name:	LION BUYER, LLC
Street Address:	2800 DISCOVERY DRIVE
City:	ORLANDO
State/Country:	FLORIDA
Postal Code:	32826
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	15404116
CORRESPONDENCE DATA	
Fax Number:	
<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:	630 846 0062
Email:	gbelvis@belvislaw.com
Correspondent Name:	GLEN P. BELVIS
Address Line 1:	PO BOX 11317
Address Line 4:	CHICAGO, ILLINOIS 60611
NAME OF SUBMITTER:	GLEN P. BELVIS
SIGNATURE:	/Glen P. Belvis/
DATE SIGNED:	12/30/2019
Total Attachments: 20	
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PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT3665265

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
LENSAR, INC.	11/15/2015
RECEIVING PARTY DATA	
Name:	LION BUYER, LLC
Street Address:	2800 DISCOVERY DRIVE
City:	ORLANDO
State/Country:	FLORIDA
Postal Code:	32826
PROPERTY NUMBERS Total: 60	
Property Type	Number
Application Number:	11337127
Application Number:	11414838
Application Number:	12217285
Application Number:	11414819
Application Number:	12217295
Application Number:	14874325
Application Number:	61228560
Application Number:	61228529
Application Number:	12842870
Application Number:	61083849
Application Number:	12509021
Application Number:	61135950
Application Number:	12509412
Application Number:	12509454
Application Number:	13681004
Application Number:	61083847
Application Number:	12509211
Application Number:	61228533
Application Number:	12831859
Application Number:	14142255

PATENT

Property Type	Number
Application Number:	61228457
Application Number:	12840818
Application Number:	61228484
Application Number:	12831783
Application Number:	61228514
Application Number:	12831845
Application Number:	61228506
Application Number:	12843685
Application Number:	61299536
Application Number:	61300167
Application Number:	13016593
Application Number:	61300125
Application Number:	13017702
Application Number:	61300129
Application Number:	61467622
Application Number:	61467592
Application Number:	13017499
Application Number:	13427130
Application Number:	13427149
Application Number:	29377018
Application Number:	29377054
Application Number:	61455178
Application Number:	13273653
Application Number:	14335187
Application Number:	61470734
Application Number:	61550101
Application Number:	13435103
Application Number:	61467601
Application Number:	13427319
Application Number:	14728760
Application Number:	61859737
Application Number:	14444311
Application Number:	61859725
Application Number:	14444339
Application Number:	61891149
Application Number:	14444366
Application Number:	14224012
Application Number:	62148614

Property Type	Number
Application Number:	61550225
Application Number:	61549910

CORRESPONDENCE DATA

Fax Number:

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.

Email: jcooper@steptoe.com, gbelvis@steptoe.com, IPDocketing@steptoe.com

Correspondent Name: GLEN P. BELVIS

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Address Line 2: 1330 CONNECTICUT AVENUE, NW

Address Line 4: WASHINGTON, D.C. 20036

NAME OF SUBMITTER:	GLEN P. BELVIS
SIGNATURE:	/Glen P. Belvis, Reg No. 31,735/
DATE SIGNED:	12/18/2015

Total Attachments: 17
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PATENT ASSIGNMENT AGREEMENT

This PATENT ASSIGNMENT AGREEMENT ("**Patent Assignment**"), dated as of December 15, 2015, is made by LENSAR, Inc. ("**Seller**"), a Delaware corporation, in favor of Lion Buyer, LLC ("**Buyer**"), a Delaware limited liability company, the purchaser of certain assets of Seller pursuant to that certain Purchase Agreement, dated as of November 15, 2015 by and between Alphaeon Corporation, a Delaware corporation, Buyer, Seller and certain stockholders of Seller, as amended (the "**Purchase Agreement**").

WHEREAS, under the terms of the Purchase Agreement, Seller has agreed to sell, assign, transfer, convey and deliver to Buyer substantially all of the assets of Seller, including, among other assets, certain intellectual property of Seller, and has agreed to execute and deliver this Patent Assignment, for recording with governmental authorities including, but not limited to, the US Patent and Trademark Office;

NOW THEREFORE, the parties agree as follows:

1. Assignment. In consideration for the execution of the Purchase Agreement, the payment of the consideration stipulated in the Purchase Agreement and other good and valuable consideration, the receipt and sufficiency are hereby acknowledged, Seller hereby irrevocably conveys, transfers and assigns to Buyer, and Buyer hereby accepts, all of Seller's right, title and interest in and to the following (the "**Assigned Patents**"):

(a) the patents and patent applications set forth in Schedule 1 hereto and all issuances, divisions, continuations, continuations-in-part, reissues, extensions, reexaminations and renewals thereof (the "**Patents**");

(b) all rights of any kind whatsoever of Seller accruing under any of the foregoing provided by applicable law of any jurisdiction, by international treaties and conventions and otherwise throughout the world;

(c) any and all royalties, fees, income, payments and other proceeds now or hereafter due or payable with respect to any and all of the foregoing; and

(d) any and all claims and causes of action, with respect to any of the foregoing, whether accruing before, on and/or after the date hereof, including all rights to and claims for damages, restitution and injunctive and other legal and equitable relief for past, present and future infringement, misappropriation, violation, misuse, breach or default, with the right but no obligation to sue for such legal and equitable relief and to collect, or otherwise recover, any such damages.

2. Recordation and Further Actions. Seller authorizes the Commissioner for Patents of the US Patent and Trademark Office and any other governmental officials to record and register this Patent Assignment upon request by Buyer. Seller shall take such steps and actions following the date hereof, including the execution of any documents, files, registrations, or other similar items, to ensure that the Assigned Patents are properly assigned to Buyer, or any assignee or successor thereto.

3. Terms of the Purchase Agreement. The terms of the Purchase Agreement, including, but not limited to, the representations, warranties, covenants, agreements and indemnities relating to the Assigned Patents are incorporated herein by this reference. The parties hereto acknowledge and agree that the representations, warranties, covenants, agreements and indemnities contained in the Purchase Agreement shall not be superseded hereby but shall remain in full force and effect to the full extent provided therein. In the event of any conflict or inconsistency between the terms of the Purchase Agreement and the terms hereof, the terms of the Purchase Agreement shall govern.

4. Counterparts. This Patent Assignment may be executed in counterparts, each of which shall be deemed an original, but all of which together shall be deemed to be one and the same agreement. A signed copy of this Patent Assignment delivered by facsimile, e-mail or other means of electronic transmission shall be deemed to have the same legal effect as delivery of an original signed copy of this Patent Assignment.

5. Successors and Assigns. This Patent Assignment shall be binding upon and shall inure to the benefit of the parties hereto and their respective successors and assigns.

6. Governing Law. This Patent Assignment and any claim, controversy, dispute or cause of action (whether in contract, tort or otherwise) based upon, arising out of or relating to this Patent Assignment and the transactions contemplated hereby shall be governed by, and construed in accordance with, the laws of the United States and the State of Delaware, without giving effect to any choice or conflict of law provision or rule (whether of the State of Delaware or any other jurisdiction).

[SIGNATURE PAGE FOLLOWS]

IN WITNESS WHEREOF, Seller has duly executed and delivered this Patent Assignment as of the date first above written.

LENSAR, INC.

By:  _____

Name: Nick T. Curtis

Title: Chief Executive Officer

Address for Notices:

[Signature Page Patent Assignment Agreement]

PATENT
REEL: 057388 FRAME: 0625

AGREED TO AND ACCEPTED:

LION BUYER, LLC

By: _____



Name: Robert E. Grant

Title: Chief Executive Officer

Address for Notices:

[Signature Page Patent Assignment Agreement]

SCHEDULE 1

ASSIGNED PATENTS AND PATENT APPLICATIONS

U.S. and International Patents

Country	Title	Application/Patent Number	Filing Date	Issue Date	Recorded Owner	Status
US	System and Method for Treating the Structure of the Human Lens with a Laser	Appl. No. 11/337,127 Publ. No. 20070173794	1/20/2006		LEN SAR, Inc.	Pending
US	System and Method for Providing the Shaped Structural Weakening of the Human Lens with a Laser	Appl. No. 11/414,838 Patent No. 8,262,646	5/1/2006	9/11/2012	LEN SAR, Inc.	Issued
US	System and Method for Improving the Accommodative Amplitude and Increasing the Refractive Power of the Human Lens with a Laser	Appl. No. 12/217,285 Publ. No. 20100004643	7/2/2008		LEN SAR, Inc.	Pending
US	System and Apparatus for Treating the Lens of an Eye	Appl. No. 11/414,819 Publ. No. 20070173795 Pat. No. 9,180,051	5/1/2006	11/10/2015	LEN SAR, Inc.	Issued
US	System and Apparatus for Delivering a Laser Beam to the Lens of an Eye	Appl. No. 12/217,295 Publ. No. 20100004641	7/2/2008		LEN SAR, Inc.	Pending
US	System and Apparatus for Delivering a Laser Beam to the Lens of an Eye	Appl. No. 14/874,325	10/2/2015		LEN SAR, Inc.	Pending
US	System and Method for Providing Laser Shot Patterns to the Lens of an Eye	Prov. Appl. No. 61/228,560	7/25/2009		LEN SAR, Inc.	Expired
US	System and Method for Providing Laser Shot Patterns to the Lens of an Eye	Prov. Appl. No. 61/228,529	7/24/2009		LEN SAR, Inc.	Expired
US	System and Method for Providing Laser Shot Patterns to the Lens of an Eye	Appl. No. 12/842,870 Publ. No. 2010/0292678	7/23/2010		LEN SAR, Inc.	Pending
US	Liquid Filled Index Matching Device for Ophthalmic Laser Procedures	Prov. Appl. No. 61/083,849	7/25/2008			Expired
US	Liquid Filled Index Matching Device for Ophthalmic Laser Procedures	Appl. No. 12/509,021 Patent No. 8,500,723	7/24/2009	8/6/2013	LEN SAR, Inc.	Issued
US	Method and System for Removal and Replacement of Lens Material From the Lens of an Eye	Prov. Appl. No. 61/135,950	7/25/2008			Expired
US	Method and System for Removal and Replacement of Lens Material From the Lens of an Eye	Appl. No. 12/509,412 Patent No. 8,480,659	7/24/2009	7/9/2013	LEN SAR, Inc.	Issued

Country	Title	Application/Patent Number	Filing Date	Issue Date	Recorded Owner	Status
US	Method and System for Removal and Replacement of Lens Material From the Lens of an Eye	Appl. No. 12/509,454 Pub. No. 20100042079	7/25/2009		LEN SAR, Inc.	Abandoned
US	Method and System for Removal and Replacement of Lens Material From the Lens of an Eye	Appl. No. 13/681,004 Patent No. 8,708,491	11/19/2012	4/29/2014	LEN SAR, Inc.	Issued
US	Method and System for Creating a Bubble Shield for Laser Lens Procedures	Prov. Appl. No. 61/083,847	7/25/2008			Expired
US	Method and System for Creating a Bubble Shield for Laser Lens Procedures	Appl. No. 12/509,211 Publ. No. 20100022996	7/24/2009		LEN SAR, Inc.	Abandoned
US	Laser System and Method for Correction of Induced Astigmatism	Prov. Appl. No. 61/228,533	7/24/2009		LEN SAR, Inc.	Expired
US	Laser System and Method for Correction of Induced Astigmatism	Appl. No. 12/831,859 Pub. No. 20110160711 Patent No. 8,617,146	7/7/2010	12/31/2013	LEN SAR, Inc.	Issued
US	Laser System and Method for Correction of Induced Astigmatism	Appl. No. 14/142,255 Pub. No. 2014-0155874A1	12/27/2013		LEN SAR, Inc.	Pending
US	Liquid Holding Interface Device for Ophthalmic Laser Procedures	Prov. Appl. No. 61/228,457	7/24/2009			Expired
US	Liquid Holding Interface Device for Ophthalmic Laser Procedures	Appl. No. 12/840,818 Publ. No. 20110022035	7/21/2010		LEN SAR, Inc.	Pending
US	Laser System and Method for Performing and Sealing Corneal Incisions in the Eye	Prov. Appl. No. 61/228,484	7/24/2009		LEN SAR, Inc.	Expired
US	Laser System and Method for Performing and Sealing Corneal Incisions in the Eye	Appl. No. 12/831,783 Publ. No. 20110160710 Patent No. 8,758,332	7/7/2010	6/24/2014	LEN SAR, Inc.	Issued
US	Laser System and Method for Astigmatic Corrections in Association with Cataract Treatment	Prov. Appl. No. 61/228,514	7/24/2009		LEN SAR, Inc.	Expired
US	Laser System and Method for Astigmatic Corrections in Association with Cataract Treatment	Appl. No. 12/831,845 Patent No. 8,382,745	7/7/2010	2/26/2013	LEN SAR, Inc.	Issued
US	System and Method for Performing a Ladar Assisted Capsulotomy	Prov. Appl. No. 61/228,506	7/24/2009		LEN SAR, Inc.	Expired

Country	Title	Application/Patent Number	Filing Date	Issue Date	Recorded Owner	Status
US	System and Method for Performing Ladar Assisted Procedures on the Lens of an Eye	Appl. No. 12/843,685 Patent No. 8,465,478 Reexamination Certificate 8,465,478 C1	7/26/2010	6/18/2013	LEN SAR, Inc.	Issued Reexam Cert
US	Servo Controlled Docking Force Device for Use in Ophthalmic Applications	Prov. Appl. No. 61/299,536	1/29/2010		LEN SAR, Inc.	Expired
US	Servo Controlled Docking Force Device for Use in Ophthalmic Applications	Prov. Appl. No. 61/300,167	2/1/2010		LEN SAR, Inc.	Expired
US	Servo Controlled Docking Force Device for Use in Ophthalmic Applications	Appl. No. 13/016,593 Publ. No. 20110190739	1/28/2011		LEN SAR, Inc.	Abandoned
US	Purkinje Image-Based Alignment of Suction Ring in Ophthalmic Applications	Prov. Appl. No. 61/300,125	2/1/2010		LEN SAR, Inc.	Expired
US	Purkinje Image-Based Alignment of Suction Ring in Ophthalmic Applications	Appl. No. 13/017,702 Publ. No. 20110187995 Pat No. 8,556,425	1/31/2011	10/15/2013	LEN SAR, Inc.	Issued
US	Placido Ring Measurement of Astigmatism Axis and Laser Marking of Astigmatism Axis	Prov. Appl. No. 61/300,129	2/1/2010		LEN SAR, Inc.	Expired
US	System and Method for Measuring and Correcting Astigmatism Using Laser Generated Corneal Incisions	Prov. Appl. No. 61/467,622	3/25/2011			Expired
US	System and Method for Correcting Astigmatism Using Multiple Paired Arcuate Laser Generated Corneal Incisions	Prov. Appl. No. 61/467,592	3/25/2011		LEN SAR, Inc.	Expired
US	Placido Ring Measurement of Astigmatism Axis and Laser Marking of Astigmatism Axis	Appl. No. 13/017,499 Publ. No. 20110190740	1/31/2011		LEN SAR, Inc.	Abandoned
US	System and Method for Measuring and Correcting Astigmatism Using Laser Generated Corneal Incisions	Appl. No. 13/427,130 Publ. No. 20120265181	3/22/2012		LEN SAR, Inc.	Pending
US	System and Method for Correcting Astigmatism Using Multiple Paired Arcuate Laser Generated Corneal Incisions	Appl. No. 13/427,149 Publ. No. 20120296321	3/22/2012		LEN SAR, Inc.	Pending
US	Laser System for Treatment of the Eye	Appl. No. 29/377,018 Parent No. D695,408	10/15/2010	12/10/2013	LEN SAR, Inc.	Issued
US	Laser System for Treatment of the Eye	Appl. No. 29/377,054 Patent No. D694,890	10/15/2010	12/3/2013	LEN SAR, Inc.	Issued
US	System and Method of Laser Scan Controlled Illumination of Structures Within an Eye	Prov. Appl. No. 61/455,178	10/15/2010			Expired

Country	Title	Application/Patent Number	Filing Date	Issue Date	Recorded Owner	Status
US	System and Method of Laser Scan Controlled Illumination of Structures Within an Eye	Appl. No. 13/273,653 Patent. No. 8,801,186	10/1/2011	8/12/2014	LEN SAR, Inc.	Issued
US	System and Method of Laser Scan Controlled Illumination of Structures Within an Eye	Appl. No. 14/335,187 Publ. No. 2015/0022779	7/18/2014		LEN SAR, Inc.	Allowed
US	System and Method for Laser Generated Corneal and Crystalline Lens Incisions Using a Variable F/# Optical System with Aspheric Contact Interface to the Cornea	Prov. Appl. No. 61/470,734	4/1/2011		LEN SAR, Inc.	Expired
US	System and Method for Laser Generated Corneal and Crystalline Lens Incisions Using a Variable F/# Optical System with Rotating and Adaptive Optics	Prov. Appl. No. 61/550,101	10/21/2011		LEN SAR, Inc.	Expired
US	System and Method for Laser Generated Corneal and Crystalline Lens Incisions Using a Variable F/# Optical System with Aspheric Contact Interface to the Cornea or Rotating and Adaptive Optics	Appl. No. 13/435,103 Publ. No. 20120271286	3/30/2012		LEN SAR, Inc.	Pending
US	System and Method for Measuring Tilt in the Crystalline Lens for Laser Phaco Fragmentation	Prov. Appl. No. 61/467,601	3/25/2011		LEN SAR, Inc.	Expired
US	System and Method for Measuring Tilt in the Crystalline Lens for Laser Phaco Fragmentation	Appl. No. 13/427,319 Publ. No. 20120330290	3/22/2012		LEN SAR, Inc.	Pending
US	System and Method for Measuring Tilt	Appl. No. 14/728,760	6/2/2015		LEN SAR, Inc.	Pending
US	Second Pass Femtosecond Laser for Incomplete Laser Full or Partial Thickness Corneal Incisions	Appl. No. 61/859,737	7/29/2013		LEN SAR, Inc.	Expired
US	Second Pass Femtosecond Laser for Incomplete Laser Full or Partial Thickness Corneal Incisions	Appl. No. 14/444,311 Publ. No. 2015/0032091	7/28/2014		LensAr, Inc.	Pending
US	Patient Interface Device for Ophthalmic Laser Procedures	Appl. No. 61/859,725	7/29/2013		LEN SAR, Inc.	Expired
US	Patient Interface Device for Ophthalmic Laser Procedures	Appl. No. 14/444,339 Publ. No. 20150088175	7/28/2014		LEN SAR, Inc.	Pending
US	Iris Registration Method and System	Appl. No. 61/891,149	10/15/2013		LEN SAR, Inc.	Expired
US	Iris Registration Method and System	Appl. No. 14/444,366 Publ. No. 20150105759	7/28/2014		LEN SAR, Inc.	Pending
US	Methods and Systems to Provide Excluded Defined Zones for Increasing Accommodative Amplitude	Appl. No. 14/224,012 Publ. No. 2014/0378955	3/24/2014		LEN SAR, Inc.	Pending

Country	Title	Application/Patent Number	Filing Date	Issue Date	Recorded Owner	Status
US	Laser Methods and Systems for Addressing Conditions of the Lens	Appl. No. 62/148,614	4/16/15			Pending
US	Method of Conducting and Monitoring Refractive Corrections	Prov. Appl. No. 61/550,225	10/21/2011			Expired
US	System and Method for Creating Sealed Single and Multi-Planar Clear Corneal Incisions	Prov. Appl. No. 61/549,910	10/21/2011			Expired
PCT	Laser System and Method for: Correction of Induced Astigmatism and Astigmatic Correction in Association with Cataract Treatment	Appl. No. PCT/US2010/041324 Publ. No.	7/8/2010		LEN SAR, Inc.	Completed
PCT	Patient Interface Device for Ophthalmic Laser Procedures	WO/2011/011205 Appl. No. PCT/US2014/048471 Publ. No. WO/2015/017343	7/28/2014		LEN SAR, Inc.	Pending
AU	Laser System and Method for: Correction of Induced Astigmatism and Astigmatic Correction in Association with Cataract Treatment	Appl. No. 2010274172 Publ. No. AU2010274172	7/8/2010		LEN SAR, Inc.	Abandoned
CA	Laser System and Method for: Correction of Induced Astigmatism and Astigmatic Correction in Association with Cataract Treatment	Appl. No. 2769065 Publ. No. CA2769065	7/8/2010		LEN SAR, Inc.	Abandoned
CN	Laser System and Method for: Correction of Induced Astigmatism and Astigmatic Correction in Association with Cataract Treatment	Appl. No. 201080042338.3 Publ. No. 102625684A Parent No. 201080042338.3	7/8/2010	12/10/2014	LEN SAR, Inc.	Issued
EPO	Laser System and Method for: Correction of Induced Astigmatism and Astigmatic Correction in Association with Cataract Treatment	Appl. No. 10802656.8 Publ. No. EP2456401	7/8/2010		LEN SAR, Inc.	Abandoned
EPO	Laser System for Reducing Astigmatism Induced From Cataract Therapy	Appl. No. 13185221.2 Publ. No. EP2676645	7/8/2010		LEN SAR, Inc.	Abandoned
JP	The Treatment of the Related Anticataractal and Causing the Laser System and Method for Correcting Astigmatic Astigmatism	Appl. No. 2012-521668 Publ. No. JP2013500057	7/8/2010		LEN SAR, Inc.	Abandoned

Country	Title	Application/Patent Number	Filing Date	Issue Date	Recorded Owner	Status
PCT	Laser System and Method for Performing and Sealing Corneal Incisions in the Eye	Appl. No. PCT/US2010/041286 Publ. No. WO/2011/011202	7/8/2010		LEN SAR, Inc.	Completed
AU	Laser System and Method for Performing and Sealing Corneal Incisions in the Eye	Appl. No. 2010274169 Publ. No. AU2010274169	7/8/2010		LEN SAR, Inc.	Abandoned
CA	Laser System and Method for Performing and Sealing Corneal Incisions in the Eye	Appl. No. 2769059 Publ. No. CA2769059	7/8/2010		LEN SAR, Inc.	Abandoned
CN	Laser System and Method for Performing and Sealing Corneal Incisions in the Eye	Appl. No. 201080042778.9 Publ. No. 102639088A Patent No. 201080042778.9	7/8/2010	8/20/2014	LEN SAR, Inc.	Issued
EPO	Laser System and Method for Performing and Sealing Corneal Incisions in the Eye	Appl. No. 10802654.3 Publ. No. EP2456400	7/8/2010		LEN SAR, Inc.	Pending
JP	By Executing the Eye Keratotomy Angiotomy Sealing a Laser System and Method	Appl. No. 2012-521667 Publ. No. JP2013500056	7/8/2010		LEN SAR, Inc.	Abandoned
AU	Laser System for Treatment of the Eye	Appl. No. 11689/2011 Patent No. 336555	4/15/2011	5/16/2011	LEN SAR, Inc.	Issued
AU	Laser System for Treatment of the Eye	Appl. No. 11690/2011 Patent No. 336556	4/15/2011	5/16/2011	LEN SAR, Inc.	Issued
CA	Laser System for Treatment of the Eye	Appl. No. 140171 Patent No. 140171	4/14/2011	12/7/2011	LEN SAR, Inc.	Issued
CA	Laser System for Treatment of the Eye	Appl. No. 142171 Patent No. 142171	4/14/2011	12/7/2011	LEN SAR, Inc.	Issued
CN	Laser System for Treatment of the Eye	Appl. No. 201130076493.4 Patent No. 201130076493.4	4/15/2011	8/22/2012	LEN SAR, Inc.	Issued
EPO	Laser System for Treatment of the Eye	Appl. No. 001851445 Patent No. 001851445-0001	4/14/2011	4/14/2011	LEN SAR, Inc.	Issued

Country	Title	Application/Patent Number	Filing Date	Issue Date	Recorded Owner	Status
EPO	Laser System for Treatment of the Eye	Appl. No. 001851445-0002 Patent No. 001851445-0002	4/14/2011	4/14/2011	LENSAR, Inc.	Issued
JP	Laser System for Treatment of the Eye	Appl. No. 8725/2011 Patent No. 1427246	4/15/2011	10/14/2011	LENSAR, Inc.	Issued
JP	Laser System for Treatment of the Eye	Appl. No. 8726/2011 Patent No. 1427247	4/15/2011	10/14/2011	LENSAR, Inc.	Issued
PCT	Liquid Holding Interface Device for Ophthalmic Laser Procedures	Appl. No. PCT/US2010/042582 Publ. No. WO/2011/011400	7/20/2010		LENSAR, Inc.	Completed
AU	Liquid Holding Interface Device for Ophthalmic Laser Procedures	Appl. No. 2010276360 Publ. No. AU2010276360	7/20/2010		LENSAR, Inc.	Abandoned
CA	Liquid Holding Interface Device for Ophthalmic Laser Procedures	Appl. No. 2769091	7/20/2010		LENSAR, Inc.	Abandoned
CN	Liquid Holding Interface Device for Ophthalmic Laser Procedures	Appl. No. 201080041721.7 Publ. No. 102625685A	7/20/2010		LENSAR, Inc.	Pending
EPO	Liquid Holding Interface Device for Ophthalmic Laser Procedures	Appl. No. 10802768.1 Patent No. EP2456402	7/20/2010	8/20/2014	LENSAR, Inc.	Issued
France	Liquid Holding Interface Device for Ophthalmic Laser Procedures	10802768.1	7/20/2010	8/20/2014	LENSAR, Inc.	Issued
Germany	Liquid Holding Interface Device for Ophthalmic Laser Procedures	10802768.1	7/20/2010	8/20/2014	LENSAR, Inc.	Issued
Italy	Liquid Holding Interface Device for Ophthalmic Laser Procedures	10802768.1	7/20/2010	8/20/2014	LENSAR, Inc.	Issued
United Kingdom	Liquid Holding Interface Device for Ophthalmic Laser Procedures	10802768.1	7/20/2010	8/20/2014	LENSAR, Inc.	Issued
JP	Liquid Holding Interface Device for Ophthalmic Laser Procedures	Appl. No. 2012521729 Publ. No. JP2013500063	7/20/2010		LENSAR, Inc.	Abandoned

Country	Title	Application/Patent Number	Filing Date	Issue Date	Recorded Owner	Status
PCT	Placido Ring Measurement of Astigmatism Axis and Laser Marking of Astigmatism Axis	Appl. No. PCT/US2011/023117 Publ. No. WO/2011/094666	1/31/2011		LEN SAR, Inc.	Completed
CN	Placido Ring Measurement of Astigmatism Axis and Laser Marking of Astigmatism Axis	Appl. No. 201180007921.5 Publ. No. CN102843956	1/31/2011		LEN SAR, Inc.	Abandoned
EPO	Placido Ring Measurement of Astigmatism Axis and Laser Marking of Astigmatism Axis	Appl. No. 11737806.7 Publ. No. EP2531090	1/31/2011		LEN SAR, Inc.	Abandoned
HK	Placido Ring Measurement of Astigmatism Axis and Laser Marking of Astigmatism Axis	Appl. No. 13101561.2	2/4/2013		LEN SAR, Inc.	Abandoned
PCT	Purkinje Image-Based Alignment of Suction Ring in Ophthalmic Applications	Appl. No. PCT/US2011/023159 Publ. No. WO/2011/094678	1/31/2011		LEN SAR, Inc.	Completed
CN	Purkinje Image-Based Alignment of Suction Ring in Ophthalmic Applications	Appl. No. 201180007877.8 Publ. No. CN102843955	1/31/2011		LEN SAR, Inc.	Abandoned
EPO	Purkinje Image-Based Alignment of Suction Ring in Ophthalmic Applications	Appl. No. 11737813.3 Publ. No. EP2531089	1/31/2011		LEN SAR, Inc.	Pending
HK	Purkinje Image-Based Alignment of Suction Ring in Ophthalmic Applications	Appl. No. 13101560.3	2/4/2013		LEN SAR, Inc.	Pending
PCT	Servo Controlled Docking Force Device for Use in Ophthalmic Applications	Appl. No. PCT/US2011/022859 Publ. No. WO/2011/094493	1/28/2011		LEN SAR, Inc.	Completed
CN	Servo Controlled Docking Force Device for Use in Ophthalmic Applications	Appl. No. 201180015126.0 Publ. No. CN102811685	1/28/2011		LEN SAR, Inc.	Abandoned
EPO	Servo Controlled Docking Force Device for Use in Ophthalmic Applications	Appl. No. 11737702.8 Publ. No. EP2528563	1/28/2011		LEN SAR, Inc.	Abandoned
HK	Servo Controlled Docking Force Device for Use in Ophthalmic Applications	Appl. No. 13101562.1	2/4/2013		LEN SAR, Inc.	Abandoned

Country	Title	Application/Patent Number	Filing Date	Issue Date	Recorded Owner	Status
PCT	System and Apparatus for Delivering a Laser Beam to the Lens of an Eye	Appl. No. PCT/US2007/001486 Publ. No. WO/2007/084694	1/19/2007		LEN SAR, Inc.	Converted
AU	System and Apparatus for Delivering a Laser Beam to the Lens of an Eye	Appl. No. 2007207399	1/19/2007		LEN SAR, Inc.	Abandoned
CA	System and Apparatus for Delivering a Laser Beam to the Lens of an Eye	Appl. No. 2637232	1/19/2007		LEN SAR, Inc.	Abandoned
CN	System and Apparatus for Delivering a Laser Beam to the Lens of an Eye	Appl. No. 200780010007.X Patent No. 200780010007.X	1/19/2007	9/7/2011	LEN SAR, Inc.	Issued
CN	System and Apparatus for Delivering a Laser Beam to the Lens of an Eye	Appl. No. 201110205299.0 Publ. No. 102335061A	1/19/2007		LEN SAR, Inc.	Pending
EPO	System and Apparatus for Delivering a Laser Beam to the Lens of an Eye	Appl. No. 07718259.0 Publ. No. EP1981426	1/19/2007		LEN SAR, Inc.	Pending
JP	System and Apparatus for Delivering a Laser Beam to the Lens of an Eye	Appl. No. 2008-551425 Publ. No. JP2009523556	1/19/2007		LEN SAR, Inc.	Abandoned
MX	System and Apparatus for Delivering a Laser Beam to the Lens of an Eye	Appl. No. MX/a/2008/009407	7/21/2008		LEN SAR, Inc.	Abandoned
PCT	System and Apparatus for Treating the Lens of an Eye	PCT/US2007/001262 Publ. No. WO/2007/084579	1/18/2007		LEN SAR, Inc.	Completed
JP	System and Method, a Laser Irradiation Pattern of an Eye Lens	Appl. No. JP2012521848 Publ. No. JP2013500078	7/23/2010		LEN SAR, Inc.	Abandoned
PCT	System and Method for Correcting Astigmatism Using Multiple Paired Arcuate Laser Generated Corneal Incisions	Appl. No. PCT/US2012/030247 Publ. No. WO/2012/134979	3/23/2012		LEN SAR, Inc.	Completed
CN	System and Method for Correcting Astigmatism Using Multiple Paired Arcuate Laser Generated Corneal Incisions	Appln No. 201280014253.3 Pub. No. CN103501687	3/23/2012		LEN SAR, Inc.	Pending

Country	Title	Application/Patent Number	Filing Date	Issue Date	Recorded Owner	Status
EPO	System and Method for Correcting Astigmatism Using Multiple Paired Arcuate Laser Generated Corneal Incisions	Appln No. 12765501.7 Publ. No. 2688461	3/23/2012		LEN SAR, Inc.	Abandoned
PCT	System and Method for Improving the Accommodative Amplitude and Increasing the Refractive Power of the Human Lens with a Laser	Appl. No. PCT/US2007/001353 Publ. No. WO/2007/084627	1/19/2007		LEN SAR, Inc.	Completed
CA	System and Method for Improving the Accommodative Amplitude and Increasing the Refractive Power of the Human Lens with a Laser	Appl. No. 2637206	1/19/2007		LEN SAR, Inc.	Abandoned
AU	System and Method for Improving the Accommodative Amplitude and Increasing the Refractive Power of the Human Lens with a Laser	Appl. No. 2007207513	1/19/2007		LEN SAR, Inc.	Abandoned
CN	System and Method for Improving the Accommodative Amplitude and Increasing the Refractive Power of the Human Lens with a Laser	Appl. No. 200780009762.6 Patent No. 20078001007.X	1/19/2007	9/19/2011	LEN SAR, Inc.	Issued
CN	System and Method for Improving the Accommodative Amplitude and Increasing the Refractive Power of the Human Lens with a Laser	Appl. No. 201110314428X Patent No. 201110314428X	1/19/2007	6/4/2014	LEN SAR, Inc.	Issued
CN	System and Method for Improving the Accommodative Amplitude and Increasing the Refractive Power of the Human Lens with a Laser	Appl. No. 201110314451.9 Patent No. 201110314451.9	10/11/2011	6/4/2014	LEN SAR, Inc.	Issued
EPO	System and Method for Improving the Accommodative Amplitude and Increasing the Refractive Power of the Human Lens with a Laser	Appl. No. 07718200.4 Publ. No. EP1981454	1/19/2007		LEN SAR, Inc.	Pending
JP	System and Method for Improving the Accommodative Amplitude and Increasing the Refractive Power of the Human Lens with a Laser	Appl. No. 2008551393 Publ. No. JP2009523550	1/19/2007		LEN SAR, Inc.	Abandoned
MX	System and Method for Improving the Accommodative Amplitude and Increasing the Refractive Power of the Human Lens with a Laser	Appl. No. MX/a/2008/009406	7/21/2008		LEN SAR, Inc.	Abandoned

Country	Title	Application/Patent Number	Filing Date	Issue Date	Recorded Owner	Status
PCT	Laser Generated Corneal and Crystalline Lens Incisions	Appl. No. PCT/US2012/031377 Publ. No. WO/2012/135579	3/30/2012		LENSAR, Inc.	Completed
CN	System and Method for Laser Generated Corneal and Crystalline Lens Incisions Using a Variable F# optical System with Aspheric Contact Interface to the Cornea or Rotating and Adaptive Optics	Appl. No. 201280017513.2 Publ. No. CN103974678	3/30/2012		LENSAR, Inc.	Pending
EPO	System and Method for Laser Generated Corneal and Crystalline Lens Incisions Using a Variable F# optical System with Aspheric Contact Interface to the Cornea or Rotating and Adaptive Optics	Appl. No. 12765379.8 Publ. No. EP2695016	3/30/2012		LENSAR, Inc.	Pending
PCT	System and Method for Measuring and Correcting Astigmatism Using Laser Generated Corneal Incisions	Appl. No. PCT/US2012/030059 Publ. No. WO/2012/134931	3/22/2012		LENSAR, Inc.	Completed
CN	System and Method for Measuring and Correcting Astigmatism Using Laser Generated Corneal Incisions	Appl. No. 201280015199.4 Publ. No. CN103501686	3/22/2012		LENSAR, Inc.	Pending
EPO	System and Method for Measuring and Correcting Astigmatism Using Laser Generated Corneal Incisions	Appl. No. 12764966.3 Publ. No. EP2688459	3/22/2012		LENSAR, Inc.	Pending
PCT	System and Method for Measuring Tilt in the Crystalline Lens for Laser Phaco Fragmentation	Appl. No. PCT/US2012/030259 Publ. No. WO/2012/134986	3/23/2012		LENSAR, Inc.	Completed
CN	System and Method for Measuring Tilt in the Crystalline Lens for Laser Phaco Fragmentation	Appl. No. 201280015211.1 Publ. No. CN103501720	3/23/2012		LENSAR, Inc.	Pending
EPO	System and Method for Measuring Tilt in the Crystalline Lens for Laser Phaco Fragmentation	Appl. No. 12764431.8 Publ. No. EP2688504	3/23/2012		LENSAR, Inc.	Pending
PCT	System and Method for Performing Ladar Assisted Procedures on the Lens of an Eye	Appl. No. PCT/US2010/043255 Publ. No. WO/2011/011788	7/26/2010		LENSAR, Inc.	Converted

Country	Title	Application/Patent Number	Filing Date	Issue Date	Recorded Owner	Status
AU	System and Method for Performing Ladar Assisted Procedures on the Lens of an Eye	Appl. No. 2010275380 Publ. No. AU2010275380	7/26/2010		LENSAR, Inc.	Abandoned
CA	System and Method for Performing Ladar Assisted Procedures on the Lens of an Eye	Appl. No. 2769097 Publ. No. CA2769097	7/26/2010		LENSAR, Inc.	Abandoned
CN	System and Method for Performing Ladar Assisted Procedures on the Lens of an Eye	Appl. No. 201080042503.5 Publ. No. 102639078A	7/26/2010		LENSAR, Inc.	Pending
EPO	System and Method for Performing Ladar Assisted Procedures on the Lens of an Eye	Appl. No. 10803018.0 Publ. No. EP2456385 Grant 2456385	7/26/2010	7/22/2015	LENSAR, Inc.	Issued
GB	System and Method for Performing Ladar Assisted Procedures on the Lens of an Eye	National Validation of LR-9a EP			LENSAR, Inc.	Issued
FR	System and Method for Performing Ladar Assisted Procedures on the Lens of an Eye	National Validation of LR-9a EP			LENSAR, Inc.	Issued
DE	System and Method for Performing Ladar Assisted Procedures on the Lens of an Eye	National Validation of LR-9a EP			LENSAR, Inc.	Issued
JP	System and Method for Utilizing a Procedure of Executing a Ladar on the Eye Lentic	Appl. No. 2012521878 Publ. No. JP2013500086	7/26/2010		LENSAR, Inc.	Abandoned
PCT	System and Method for Providing Laser Shot Patterns to the Lens of an Eye	Appl. No. PCT/US2010/043117 Publ. No. WO/2011/011727	7/23/2010		LENSAR, Inc.	Completed
AU	System and Method for Providing Laser Shot Patterns to the Lens of an Eye	Appl. No. 2010275482 Publ. No. AU2010275482	7/23/2010		LENSAR, Inc.	Abandoned
CA	System and Method for Providing Laser Shot Patterns to the Lens of an Eye	Appl. No. CA2769090	7/23/2010		LENSAR, Inc.	Abandoned
CN	System and Method for Providing Laser Shot Patterns to the Lens of an Eye	Appl. No. 201080042744.X Publ. No. 102647954A	7/23/2010		LENSAR, Inc.	Pending
EPO	System and Method for Providing Laser Shot Patterns to the Lens of an Eye	Appl. No. 10802983.6 Publ. No. EP2456384	7/23/2010		LENSAR, Inc.	Pending

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PCT	System and Method for Providing the Shaped Structural Weakening of the Human Lens with a Laser	PCT/US2007/001312 Publ. No. WO/2007/084602	1/18/2007		LEN SAR, Inc.	Completed
CN	System and Method for Providing the Shaped Structural Weakening of the Human Lens with a Laser	Appl. No. 201110314428.X Publ. No. 102423274A Patent No. 201110314428.X	10/11/2011	6/4/2014	LEN SAR, Inc.	Issued
CN	System and Method for Providing the Shaped Structural Weakening of the Human Lens with a Laser	Appl. No. 201110314451.9 Publ. No. 102423275A Patent No. 201110314451.9	10/11/2011	6/4/2014	LEN SAR, Inc.	Issued
PCT	System and Method of Scan Controlled Illumination of Structures Within an Eye	Appl. No. PCT/US2011/056279 Publ. No. WO/2012/051490	10/14/2011		LEN SAR, Inc.	Completed
CN	System and Method of Scan Controlled Illumination of Structures Within an Eye	Appl. No. 201180056915.9 Publ. No. CN103338692A	10/14/2011		LEN SAR, Inc.	Pending
EPO	System and Method of Scan Controlled Illumination of Structures Within an Eye	Appl. No. 11833457.2 Publ. No. EP2627240	10/14/2011		LEN SAR, Inc.	Pending
CN	Iris Registration Method and System	Appl. No. 201410425964.0 Publ. No. CN104573620	8/26/2014		LEN SAR, Inc.	Pending
EPO	Iris Registration Method and System	Appl. No. 14182248.6 Publ. No. EP2862548	8/26/2014		LEN SAR, Inc.	Pending
PCT	Iris Registration Method and System	PCT/US2015/042381	7/28/15		LEN SAR, Inc.	Pending
EPO	Second Pass Femtosecond Laser for Incomplete Laser Full or Partial Thickness Corneal Incisions	Appl. No. 14178969.3 Publ. No. EP 2837367	7/29/2014		LEN SAR, Inc.	Pending
CN	Second Pass Femtosecond Laser for Incomplete Laser Full or Partial Thickness Corneal Incisions	Appl. No. 201410366682.8 Publ. No. CN104337613	7/29/2014		LEN SAR, Inc.	Pending

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