

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT7611090

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	RELEASE OF SECURITY INTEREST IN SPECIFIED PATENTS (REEL/FRAME 058205/0843)

CONVEYING PARTY DATA

Name	Execution Date
BARCLAYS BANK PLC	10/19/2022

RECEIVING PARTY DATA

Name:	BAUSCH & LOMB INCORPORATED
Street Address:	1400 N GOODMAN STREET
City:	ROCHESTER
State/Country:	NEW YORK
Postal Code:	14609
Name:	BAUSCH + LOMB IRELAND LIMITED
Street Address:	3013 LAKE DRIVE, CITYWEST BUSINESS CAMPUS
City:	DUBLIN 24
State/Country:	IRELAND
Postal Code:	D24PPT3

PROPERTY NUMBERS Total: 6

Property Type	Number
Application Number:	63239246
Application Number:	17462962
Application Number:	63239343
Application Number:	63239344
Application Number:	17398556
Application Number:	17397496

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.

Phone: 800-494-5225

Email: ipteam@cogencyglobal.com

Correspondent Name: STEWART WALSH

Address Line 1: 1025 CONNECTICUT AVE., NW, STE. 712

Address Line 2: COGENCY GLOBAL INC.

PATENT

Address Line 4: WASHINGTON, D.C. 20036

ATTORNEY DOCKET NUMBER: 1813679 PAT BA 16

NAME OF SUBMITTER: DAHLIA GOTTLIEB

SIGNATURE: /Dahlia Gottlieb/

DATE SIGNED: 10/26/2022

Total Attachments: 131

source=16. Beam - Release of Patent Security Interests (Barclays) (Executed) - 058205.0843#page3.tif
source=16. Beam - Release of Patent Security Interests (Barclays) (Executed) - 058205.0843#page4.tif
source=16. Beam - Release of Patent Security Interests (Barclays) (Executed) - 058205.0843#page5.tif
source=16. Beam - Release of Patent Security Interests (Barclays) (Executed) - 058205.0843#page6.tif
source=16. Beam - Release of Patent Security Interests (Barclays) (Executed) - 058205.0843#page7.tif
source=16. Beam - Release of Patent Security Interests (Barclays) (Executed) - 058205.0843#page8.tif
source=16. Beam - Release of Patent Security Interests (Barclays) (Executed) - 058205.0843#page9.tif
source=16. Beam - Release of Patent Security Interests (Barclays) (Executed) - 058205.0843#page10.tif
source=16. Beam - Release of Patent Security Interests (Barclays) (Executed) - 058205.0843#page11.tif
source=16. Beam - Release of Patent Security Interests (Barclays) (Executed) - 058205.0843#page12.tif
source=16. Beam - Release of Patent Security Interests (Barclays) (Executed) - 058205.0843#page13.tif
source=16. Beam - Release of Patent Security Interests (Barclays) (Executed) - 058205.0843#page14.tif
source=16. Beam - Release of Patent Security Interests (Barclays) (Executed) - 058205.0843#page15.tif
source=16. Beam - Release of Patent Security Interests (Barclays) (Executed) - 058205.0843#page16.tif
source=16. Beam - Release of Patent Security Interests (Barclays) (Executed) - 058205.0843#page17.tif
source=16. Beam - Release of Patent Security Interests (Barclays) (Executed) - 058205.0843#page18.tif
source=16. Beam - Release of Patent Security Interests (Barclays) (Executed) - 058205.0843#page19.tif
source=16. Beam - Release of Patent Security Interests (Barclays) (Executed) - 058205.0843#page20.tif
source=16. Beam - Release of Patent Security Interests (Barclays) (Executed) - 058205.0843#page21.tif
source=16. Beam - Release of Patent Security Interests (Barclays) (Executed) - 058205.0843#page22.tif
source=16. Beam - Release of Patent Security Interests (Barclays) (Executed) - 058205.0843#page23.tif
source=16. Beam - Release of Patent Security Interests (Barclays) (Executed) - 058205.0843#page24.tif
source=16. Beam - Release of Patent Security Interests (Barclays) (Executed) - 058205.0843#page25.tif
source=16. Beam - Release of Patent Security Interests (Barclays) (Executed) - 058205.0843#page26.tif
source=16. Beam - Release of Patent Security Interests (Barclays) (Executed) - 058205.0843#page27.tif
source=16. Beam - Release of Patent Security Interests (Barclays) (Executed) - 058205.0843#page28.tif
source=16. Beam - Release of Patent Security Interests (Barclays) (Executed) - 058205.0843#page29.tif
source=16. Beam - Release of Patent Security Interests (Barclays) (Executed) - 058205.0843#page30.tif
source=16. Beam - Release of Patent Security Interests (Barclays) (Executed) - 058205.0843#page31.tif
source=16. Beam - Release of Patent Security Interests (Barclays) (Executed) - 058205.0843#page32.tif
source=16. Beam - Release of Patent Security Interests (Barclays) (Executed) - 058205.0843#page33.tif
source=16. Beam - Release of Patent Security Interests (Barclays) (Executed) - 058205.0843#page34.tif
source=16. Beam - Release of Patent Security Interests (Barclays) (Executed) - 058205.0843#page35.tif
source=16. Beam - Release of Patent Security Interests (Barclays) (Executed) - 058205.0843#page36.tif
source=16. Beam - Release of Patent Security Interests (Barclays) (Executed) - 058205.0843#page37.tif
source=16. Beam - Release of Patent Security Interests (Barclays) (Executed) - 058205.0843#page38.tif
source=16. Beam - Release of Patent Security Interests (Barclays) (Executed) - 058205.0843#page39.tif
source=16. Beam - Release of Patent Security Interests (Barclays) (Executed) - 058205.0843#page40.tif
source=16. Beam - Release of Patent Security Interests (Barclays) (Executed) - 058205.0843#page41.tif
source=16. Beam - Release of Patent Security Interests (Barclays) (Executed) - 058205.0843#page42.tif

RELEASE OF SECURITY INTEREST IN SPECIFIED PATENTS

This **RELEASE OF SECURITY INTEREST IN SPECIFIED PATENTS** (the “Release”) is made as of October 19, 2022, by **BARCLAYS BANK PLC**, as collateral agent for the Secured Parties (as defined in the Security Agreement referred to below) (in such capacity, the “Collateral Agent”).

W I T N E S S E T H

WHEREAS, pursuant to (i) that certain Second Amended and Restated Pledge and Security Agreement, dated as of February 13, 2012 by and among the grantor parties thereto and the Collateral Agent (the “Second A&R Security Agreement”), (ii) that certain Third Amended and Restated Pledge and Security Agreement, dated June 1, 2018, by and among the grantor parties thereto and the Collateral Agent (as heretofore amended, supplemented or otherwise modified, the “Security Agreement”), (iii) that certain Notice of Succession of Agency and Transfer of Security Interest, dated January 8, 2015, by and among, *inter alios*, the grantors parties thereto and the Collateral Agent (the “January 2015 Patent Security Agreement”), (iv) that certain Patent Security Agreement, dated August 19, 2015 by and among the grantors parties thereto and the Collateral Agent (the “August 2015 Patent Security Agreement”), (v) that certain Patent Security Agreement, dated July 18, 2016 by and among the grantors parties thereto and the Collateral Agent (the “July 2016 Patent Security Agreement”), (vi) that certain Patent Security Agreement, dated May 1, 2017 by and among the grantors parties thereto and the Collateral Agent (the “May 2017 Patent Security Agreement”), (vii) that certain Patent Security Agreement, dated February 13, 2018, by and among the grantors parties thereto and the Collateral Agent (the “Patent Security Agreement”), (viii) that certain Intellectual Property Security Agreement, dated August 9, 2018 by and among the grantors parties thereto and the Collateral Agent (the “August 2018 Patent Security Agreement”), (ix) that certain Intellectual Property Security Agreement, dated March 27, 2019, by and among the grantors parties thereto and the Collateral Agent (the “2019 Q1 Patent Security Agreement”), (x) that certain Intellectual Property Security Agreement, dated November 01, 2019, by and among the grantors parties thereto and the Collateral Agent (the “2019 Q3 Patent Security Agreement”), (xi) that certain Intellectual Property Security Agreement, dated May 06, 2020, by and among the grantors parties thereto and the Collateral Agent (the “2020 Q1 Patent Security Agreement”), (xii) that certain Intellectual Property Security Agreement, dated January 21, 2021, by and among the grantor parties thereto and the Collateral Agent (the “2020 Q3 Patent Security Agreement”), (xiii) that certain Intellectual Property Security Agreement, dated March 29, 2021, by and among the grantor parties thereto and the Collateral Agent (the “2020 Q4 Patent Security Agreement”), (xiv) that certain Intellectual Property Security Agreement, dated May 20, 2021, by and among grantor parties thereto and the Collateral Agent (the “2021 Q1 Patent Security Agreement”), (xv) that certain Intellectual Property Security Agreement, dated June 21, 2021, by and between the grantor party thereto and the Collateral Agent (the “June 2021 Patent Security Agreement”), (xvi) that certain Intellectual Property Security Agreement, dated August 25, 2021, by and between the grantor party thereto and the Collateral Agent (the “2021 Q2 Patent Security Agreement”), (xvii) that certain Intellectual Property Security Agreement, dated November 23, 2021, by and among the grantor parties thereto and the Collateral Agent (the “2021 Q3 Patent Security Agreement”) and (xviii) that certain Intellectual Property Security Agreement, dated March 28, 2022, by and among the grantor parties thereto and the Collateral Agent (the “2021 Q4 Patent Security Agreement”), (together with the Second A&R Security Agreement, the Security Agreement, the January 2015 Patent Security Agreement, the August 2015 Patent Security Agreement, the July 2016 Patent Security Agreement, the May 2017 Patent Security Agreement, the Patent Security Agreement, the August 2018 Patent Security Agreement, the 2019 Q1 Patent Security Agreement, 2019 Q3 Patent Security Agreement, the 2020 Q1 Patent Security Agreement, the 2020 Q3 Patent Security Agreement, the 2020 Q4 Patent Security Agreement, the 2021 Q1 Patent Security Agreement, the June 2021 Patent Security Agreement, the 2021 Q2 Patent Security Agreement, the 2021 Q3 Patent Security Agreement and the 2021 Q4 Patent Security Agreement, the “IP Security Agreements”), pursuant to which Technolas Perfect Vision GMBH, a German limited liability company (Gesellschaft mit beschränkter Haftung) with offices located at Messerschmittstr. 1+3, 80992 Munich, Germany (“Technolas”), Bausch & Lomb Incorporated, a New York

corporation (“B&L”), and Bausch + Lomb Ireland Limited, a company incorporated in Ireland having company registration number 677764 and having its registered office at 3013 Lake Drive, Citywest Business Campus, Dublin 24 (together with Technolas and B&L, the “Grantors”, each a “Grantor”), granted the Collateral Agent a continuing security interest in all of such Grantor's right, title and interest in, to and under certain collateral;

WHEREAS, the January 2015 Patent Security Agreement was recorded with the United States Patent and Trademark Office on January 9, 2015 at Reel 034749, Frame 0689;

WHEREAS, the August 2015 Patent Security Agreement was recorded with the United States Patent and Trademark Office on August 20, 2015 at Reel 036400, Frame 0711;

WHEREAS, the July 2016 Patent Security Agreement was recorded with the United States Patent and Trademark Office on July 18, 2016 at Reel 039380, Frame 0385;

WHEREAS, the May 2017 Patent Security Agreement was recorded with the United States Patent and Trademark Office on May 25, 2017 at Reel 042584, Frame 0861;

WHEREAS, the Patent Security Agreement was recorded with the United States Patent and Trademark Office on February 13, 2018 at Reel 045444, Frame 0299;

WHEREAS, the August 2018 Patent Security Agreement was recorded with the United States Patent and Trademark Office on August 10, 2018 at Reel 046616, Frame 0261;

WHEREAS, the 2019 Q1 Patent Security Agreement was recorded with the United States Patent and Trademark Office on March 27, 2019 at Reel 048715, Frame 0406;

WHEREAS, the 2019 Q3 Patent Security Agreement was recorded with the United States Patent and Trademark Office on November 01, 2019 at Reel 050892, Frame 0294;

WHEREAS, the 2020 Q1 Patent Security Agreement was recorded with the United States Patent and Trademark Office on May 06, 2020 at Reel 052589, Frame 0813;

WHEREAS, the 2020 Q3 Patent Security Agreement was recorded with the United States Patent and Trademark Office on January 21, 2021 at Reel 054984, Frame 0324;

WHEREAS, the 2020 Q4 Patent Security Agreement was recorded with the United States Patent and Trademark Office on March 29, 2021 at Reel 055756, Frame 0281;

WHEREAS, the 2021 Q1 Patent Security Agreement was recorded with the United States Patent and Trademark Office on May 20, 2021 at Reel 056304, Frame 0556;

WHEREAS, the June 2021 Patent Security Agreement was recorded with the United States Patent and Trademark Office on June 21, 2021 at Reel 056603, Frame 0237;

WHEREAS, the 2021 Q2 Patent Security Agreement was recorded with the United States Patent and Trademark Office on August 25, 2021 at Reel 05787, Frame 0140;

WHEREAS, the 2021 Q3 Patent Security Agreement was recorded with the United States Patent and Trademark Office on November 24, 2021 at Reel 058205, Frame 0843;

WHEREAS, the 2021 Q4 Patent Security Agreement was recorded with the United States Patent and Trademark Office on March 30, 2022 at Reel 059446, Frame 0670;

WHEREAS, the Grantors have requested, and the Collateral Agent wishes to provide, a document suitable for recording in the USPTO for purposes of recording the release, relinquishment and discharge of its interest in the patent collateral of the Grantors identified on Schedule A attached hereto (the “Released Patent Collateral”); and

WHEREAS, in reliance of the representations and warranties concerning the transactions referenced in that certain Officer’s Certificate, dated May 10, 2022, by and among Bausch Health Companies, Inc. and the Collateral Agent, the Collateral Agent, on behalf of itself and the Secured Parties, desires to terminate and grant a release of its security interest in the Released Patent Collateral as provided in this Release.

NOW THEREFORE, for good and valuable consideration previously tendered by the Grantors, the receipt and sufficiency of which are hereby acknowledged, the Collateral Agent, on behalf of itself and the Secured Parties, does hereby agree as follows:

1. All capitalized terms used but not otherwise defined herein have the meanings given to them in the IP Security Agreement, as applicable.
2. The Collateral Agent, on behalf of itself and the Secured Parties, without representation, warranty or recourse, hereby (a) releases, relinquishes, terminates and discharges its security interest in and to the Released Patent Collateral in its entirety and (b) reassigns to each Grantor any and all right, title and interest of any nature whatsoever which such Grantor may hold in or to the Released Patent Collateral.
3. This Release is applicable only and solely with respect to the Released Patent Collateral and to no other collateral arising under the IP Security Agreements. The Collateral Agent retains all security interests, liens, rights, titles and interests pledged and granted to the Collateral Agent under the IP Security Agreements with respect to all such other collateral, and the Collateral Agent’s security interest, liens, rights, titles and interests in such other collateral shall not, and shall not be deemed to, be impaired, interrupted or otherwise modified in any respect by this Release.
4. The Collateral Agent, on behalf of itself and the Secured Parties, authorizes the United States Patent and Trademark Office and any other applicable governmental authority to record this Release.
5. At the request of the Grantors, the Collateral Agent, on behalf of itself and the Secured Parties, agrees to execute, acknowledge and deliver all such further instruments and to take all such further actions necessary to carry out the purposes of this Release at the Grantors’ sole cost and expense.

[Signature page follows]

IN TESTIMONY WHEREOF, the Collateral Agent has executed this Release by its proper officers thereunto duly authorized.

BARCLAYS BANK PLC, as Collateral Agent

By:  _____

Name: Edward Brooks

Title: Vice President

Schedule A

See Attached

Reel/Frame: 3/28/2022 Security Interest - Barclays Bank PLC - Reel/Frame 059446/0670

Title	Filing Date	Application Number	Issue Date	Patent Number	Owner
CROSSLINKED POLYMERIC NETWORK AND USE THEREOF	11/23/2021	17/533454	{3/17/2022}	{20220081491}	Bausch & Lomb Incorporated
PACKAGING SOLUTIONS	12/14/2021	17/550,220	{4/7/2022}	{20220105230}	Bausch & Lomb Incorporated

Reel/Frame: 2/13/2018 Security Interest - Barclays Bank PLC - Reel/Frame 045444/0299

Title	Filing Date	Application Number	Issue Date	Patent Number	Owner
CONTACT LENS	7/2/2009	29/339,573	5/29/2012	D660893	Bausch & Lomb Incorporated
CONTACT LENS	5/4/2012	29/420,128	11/27/2012	D671580	Bausch & Lomb Incorporated
FOOT CONTROLLER WITH OPHTHALMIC SURGERY INTERLOCK CIRCUIT AND METHOD	12/19/2001	10/025,801	10/28/2003	6639332	Bausch & Lomb Incorporated
METHOD FOR ENHANCING INTEGRITY OF EPITHELIUM USING RETINOIC ACID	12/17/2001	10/023,351	9/7/2004	6787131	Bausch & Lomb Incorporated
METHOD FOR ENHANCING INTEGRITY OF EPITHELIUM USING RETINOIC ACID	6/16/2004	10/869,432	8/8/2006	7087222	Bausch & Lomb Incorporated
OBJECTIVE MANIFEST REFRACTION	3/18/2002	10/100,782	10/26/2004	6808266	Bausch & Lomb Incorporated
OBJECTIVE MANIFEST REFRACTION	10/22/2004	10/972,096	4/18/2006	7029119	Bausch & Lomb Incorporated

Title	Filing Date	Application Number	Issue Date	Patent Number	Owner
NUTRITIONAL SUPPLEMENT TO TREAT MACULAR DEGENERATION	1/13/2005	11/034,656	12/10/2013	8603522	Bausch & Lomb Incorporated
PRESBYOPIC VISION IMPROVEMENT	10/18/2002	10/274,677	10/26/2004	6808265	Bausch & Lomb Incorporated
PRESBYOPIC VISION IMPROVEMENT	10/22/2004	10/972,131	10/10/2006	7118214	Bausch & Lomb Incorporated
COMPOSITIONS AND METHODS FOR THE INDUCTION OF RETINAL DETACHMENTS	5/31/2002	10/160,135	11/28/2006	7141610	Bausch & Lomb Incorporated
APPARATUS AND METHOD FOR MAKING INTRAOCULAR LENSES	6/25/2002	10/180,797	9/6/2005	6939486	Bausch & Lomb Incorporated
LOW WATER CONTENT, HIGH REFRACTIVE INDEX, FLEXIBLE, POLYMERIC COMPOSITIONS	6/19/2002	10/175,715	2/8/2005	6852793	Bausch & Lomb Incorporated
SMOOTHLY BLENDED OPTICAL SURFACES	7/31/2002	10/210,708	1/18/2005	6843563	Bausch & Lomb Incorporated
SYSTEM AND METHOD FOR PREDICTIVE OPHTHALMIC CORRECTION	12/20/2002	10/327,229	10/31/2006	7130835	Bausch & Lomb Incorporated
METHOD AND APPARATUS RELATING TO THE OPTICAL ZONE OF AN	9/25/2002	10/254,382	11/16/2004	6817714	Bausch & Lomb Incorporated

Title	Filing Date	Application Number	Issue Date	Patent Number	Owner
OPTICAL ELEMENT					
WAVEFRONT-GENERATED CUSTOM OPHTHALMIC SURFACES	9/25/2002	10/254,813	9/7/2004	6786603	Bausch & Lomb Incorporated
SPIDER-WEB PLACIDO PATTERN	9/30/2002	10/261,539	12/28/2004	6834959	Bausch & Lomb Incorporated
SINGLE-CURVATURE PLACIDO PLATE WITH ADDITIONAL SURFACES	12/16/2002	10/320,839	2/1/2005	6848791	Bausch & Lomb Incorporated
SURFACE TREATMENT OF MEDICAL DEVICE	12/17/2002	10/321,949	10/25/2005	6958169	Bausch & Lomb Incorporated
POSITIVE PATIENT IDENTIFICATION	3/25/2003	10/397,100	10/14/2008	7436986	Bausch & Lomb Incorporated
BLISTER PACKAGE STORAGE AND DISPENSING CONTAINER AND METHOD	6/26/2003	10/606,704	7/26/2005	6920974	Bausch & Lomb Incorporated
PRELOADED IOL INJECTOR	3/31/2004	10/813,862	9/9/2008	7422604	Bausch & Lomb Incorporated
PRELOADED IOL INJECTOR	8/28/2003	10/651,785	9/30/2008	7429263	Bausch & Lomb Incorporated
PRELOADED IOL INJECTOR	5/19/2005	11/132,526	8/2/2011	7988701	Bausch & Lomb Incorporated
PRELOADED IOL INJECTOR	7/16/2010	12/837,585	3/8/2016	9277989	Bausch & Lomb Incorporated
NOVEL REACTIVE YELLOW DYES USEFUL FOR OCULAR DEVICES	9/8/2003	10/657,495	8/29/2006	7098283	Bausch & Lomb Incorporated
NOVEL REACTIVE YELLOW DYES USEFUL FOR	6/21/2006	11/472,235	12/4/2007	7304117	Bausch & Lomb Incorporated

Title	Filing Date	Application Number	Issue Date	Patent Number	Owner
OCULAR DEVICES					
PREPOLYMERS WITH YELLOW DYE MOIETY	9/8/2003	10/657,639	7/19/2005	6918931	Bausch & Lomb Incorporated
PROCESS FOR MANUFACTURING INTRAOCULAR LENSES WITH BLUE LIGHT ABSORPTION CHARACTERISTICS	9/8/2003	10/657,356	10/2/2007	7276544	Bausch & Lomb Incorporated
PERISTALTIC PUMP WITH AIR VENTING VIA THE MOVEMENT OF A PUMP HEAD OR A BACKING PLATE DURING SURGERY	9/29/2003	10/673,859	1/30/2007	7168930	Bausch & Lomb Incorporated
PERISTALTIC PUMP WITH A MOVEABLE PUMP HEAD	9/29/2003	10/673,296	11/4/2008	7445436	Bausch & Lomb Incorporated
PERISTALTIC PUMP FITMENT FOR ATTACHMENT TO AN ASPIRANT COLLECTION BAG	9/29/2003	10/674,094	10/20/2009	7604607	Bausch & Lomb Incorporated
OPHTHALMIC LENS TRANSPORTATION AND INSPECTION CELL	10/7/2003	10/680,759	7/18/2006	7079239	Bausch & Lomb Incorporated
MULTIFOCAL CONTACT LENS AND METHOD OF MANUFACTURE THEREOF	12/16/2003	10/736,960	5/16/2006	7044597	Bausch & Lomb Incorporated
RAPID SWITCHING SLIT SCAN IMAGE	12/10/2003	10/732,704	3/25/2008	7347549	Bausch & Lomb Incorporated

Title	Filing Date	Application Number	Issue Date	Patent Number	Owner
CAPTURE SYSTEM					
ASPHERIC LENSES AND LENS FAMILY	10/12/2005	11/248,052	3/15/2011	7905917	Bausch & Lomb Incorporated
ASPHERIC LENSES AND LENS FAMILY	10/28/2010	12/913,863	9/17/2013	8535376	Bausch & Lomb Incorporated
IOL INJECTOR	3/31/2004	10/813,861	9/17/2013	8535331	Bausch & Lomb Incorporated
IOL INJECTOR	3/31/2004	10/813,863	5/24/2011	7947049	Bausch & Lomb Incorporated
OLIGOSACCHARIDE-CONTAINING COMPOSITIONS AND USES THEREOF	5/19/2004	10/848,848	3/20/2007	7192937	Bausch & Lomb Incorporated
POLYMERIZABLE SURFACTANTS AND THEIR USE AS DEVICE FORMING COMONOMERS	12/22/2004	11/020,541	6/12/2012	8197841	Bausch & Lomb Incorporated
POLYMERIZABLE SURFACTANTS AND THEIR USE AS DEVICE FORMING COMONOMERS	2/27/2012	13/405,604	2/19/2013	8377464	Bausch & Lomb Incorporated
NON-CIRCULAR PORTED PHACOEMULSIFICATION IRRIGATION SLEEVE	12/20/2004	11/017,586	10/9/2012	8282594	Bausch & Lomb Incorporated
SMALL INCISION INTRAOCULAR LENS WITH ANTI-PCO FEATURE	12/29/2004	11/025,405	8/4/2009	7569073	Bausch & Lomb Incorporated
SMALL INCISION INTRAOCULAR LENS WITH ANTI-PCO FEATURE	6/30/2009	12/494,489	4/26/2011	7931686	Bausch & Lomb Incorporated

Title	Filing Date	Application Number	Issue Date	Patent Number	Owner
CORE LOCKING ASSEMBLY AND METHOD FOR ORIENTATION OF ASYMMETRIC TOOLING	12/30/2004	11/027,381	9/8/2009	7585167	Bausch & Lomb Incorporated
CORE LOCKING ASSEMBLY AND METHOD FOR ORIENTATION OF ASYMMETRIC TOOLING	7/30/2009	12/512,293	5/3/2011	7935280	Bausch & Lomb Incorporated
OPHTHALMIC FORMULATIONS AND USES THEREOF	6/7/2005	11/146,652	2/12/2013	8372814	Bausch & Lomb Incorporated
OPHTHALMIC FORMULATIONS AND USES THEREOF	2/9/2012	13/369,452	6/10/2014	8748402	Bausch & Lomb Incorporated
COMPOSITION FOR TREATING DRY EYE AND RELATED METHODS OF MANUFACTURE AND METHODS OF USE	3/28/2006	11/391,056	2/14/2012	8114420	Bausch & Lomb Incorporated
AROMATIC-BASED POLYSILOXANE PREPOLYMERS AND OPHTHALMIC DEVICES PRODUCED THEREFROM	4/1/2005	11/096,455	10/9/2007	7279538	Bausch & Lomb Incorporated
HIGH REFRACTIVE-INDEX, HYDROPHILIC MONOMERS AND POLYMERS, AND OPHTHALMIC DEVICES	5/27/2005	11/139,276	2/24/2009	7495061	Bausch & Lomb Incorporated

Title	Filing Date	Application Number	Issue Date	Patent Number	Owner
COMPRISING SUCH POLYMERS					
HIGH REFRACTIVE-INDEX, HYDROPHILIC MONOMERS AND POLYMERS, AND OPHTHALMIC DEVICES COMPRISING SUCH POLYMERS	11/19/2008	12/273,624	8/24/2010	7781496	Bausch & Lomb Incorporated
NOVEL SYSTEM FOR SYNTHESIS OF DEVICE FORMING MONOMERS	6/21/2006	11/471,991	6/29/2010	7745564	Bausch & Lomb Incorporated
MULTI-COMPONENT ACCOMMODATIVE INTRAOCULAR LENS WITH COMPRESSIBLE HAPTIC	7/1/2005	11/173,704	9/22/2009	7591849	Bausch & Lomb Incorporated
ONLINE WAVEFRONT MEASUREMENT AND DISPLAY	8/16/2006	10/565,703	5/4/2010	7708411	Bausch & Lomb Incorporated
CORNEAL TOPOGRAPHY SLIT IMAGE ALIGNMENT VIA ANALYSIS OF HALF-SLIT IMAGE ALIGNMENT	7/21/2005	11/186,733	10/16/2007	7281799	Bausch & Lomb Incorporated
SYSTEM AND METHOD FOR ACQUIRING DATA AND ALIGNING AND TRACKING OF AN EYE	8/16/2006	10/550,437	12/23/2008	7467869	Bausch & Lomb Incorporated
SILICON-CONTAINING MONOMER	1/27/2006	11/341,209	7/20/2010	7759408	Bausch & Lomb Incorporated

Title	Filing Date	Application Number	Issue Date	Patent Number	Owner
S END-CAPPED WITH POLYMERIZABLE CATIONIC HYDROPHILIC GROUPS					
TORIC CONTACT LENSES	12/21/2006	11/614,514	4/1/2014	8684521	Bausch & Lomb Incorporated
SILOXANE PREPOLYMER CONTAINING PENDANT CATIONIC AND POLYMERIZABLE GROUPS	12/15/2006	11/611,508	9/9/2014	8828420	Bausch & Lomb Incorporated
PROCESS FOR MAKING CATIONIC HYDROPHILIC SILOXANYL MONOMERS	12/15/2006	11/611,512	11/2/2010	7825273	Bausch & Lomb Incorporated
PROCESS FOR MAKING CATIONIC HYDROPHILIC SILOXANYL MONOMERS	9/24/2010	12/890,019	11/4/2014	8877829	Bausch & Lomb Incorporated
PRODUCTION LINE CONTROL USING SHIFT REGISTERS FOR CONTACT LENS MANUFACTURE	6/16/2006	10/583,494	4/29/2008	7366580	Bausch & Lomb Incorporated
METHOD AND APPARATUS FOR ONLINE CONTACT LENS EVALUATION	2/2/2007	10/565,877	8/10/2010	7771053	Bausch & Lomb Incorporated
OPHTHALMIC SURGICAL CASSETTE AND SYSTEM	6/5/2007	11/758,048	11/6/2012	8303542	Bausch & Lomb Incorporated

Title	Filing Date	Application Number	Issue Date	Patent Number	Owner
OPHTHALMIC SURGICAL CASSETTE AND SYSTEM	7/2/2012	13/539,886	8/20/2013	8512014	Bausch & Lomb Incorporated
APPARATUS AND METHOD FOR DETERMINING A POSITION OF AN EYE	9/27/2006	11/528,130	1/20/2009	7478908	Bausch & Lomb Incorporated
HYDROPHILIC SILOXANYL MONOMERS WITH PENDANT POLYMERIZABLE GROUPS	7/31/2007	11/830,885	8/24/2010	7781558	Bausch & Lomb Incorporated
OPHTHALMIC COMPOSITIONS CONTAINING DIGLYCINE	10/17/2007	11/873,703	3/20/2012	8138156	Bausch & Lomb Incorporated
GROOVED ASPIRATION PUMP ROLLER-HEAD ASSEMBLY	10/23/2006	11/585,045	7/9/2013	8480625	Bausch & Lomb Incorporated
METHOD OF INSERTING AN INTRAOCULAR LENSE	10/20/2006	11/584,024	11/18/2014	8888845	Bausch & Lomb Incorporated
PHACOEMULSIFICATION CANNULA WITH IMPROVED PURCHASE	11/10/2006	11/595,545	12/18/2012	8333741	Bausch & Lomb Incorporated
OPTICAL CALIBRATION SYSTEM AND METHOD	12/13/2006	11/610,059	12/28/2010	7859677	Bausch & Lomb Incorporated
CORNEAL MEASUREMENT APPARATUS AND A METHOD OF USING THE SAME	12/12/2007	11/955,001	1/19/2010	7648241	Bausch & Lomb Incorporated
CORNEAL MEASUREMENT APPARATUS	12/11/2007	11/954,160	3/1/2011	7896497	Bausch & Lomb Incorporated

Title	Filing Date	Application Number	Issue Date	Patent Number	Owner
S HAVING A SEGMENTED APERTURE AND A METHOD OF USING THE SAME					
METHOD OF TREATING INFLAMMATION OF THE EYE	12/13/2007	11/955,418	2/9/2010	7659259	Bausch & Lomb Incorporated
MULTI-ELEMENT ACCOMMODATIVE INTRAOCULAR LENSE	12/20/2007	11/961,420	12/24/2013	8613766	Bausch & Lomb Incorporated
SYNTHESIS OF CATIONIC SILOXANE PREPOLYMERS	1/24/2008	12/018,910	5/31/2011	7951897	Bausch & Lomb Incorporated
METHOD AND APPARATUS FOR DETERMINING THE VISUAL ACUITY OF AN EYE	5/13/2008	12/093,500	2/2/2010	7654674	Bausch & Lomb Incorporated
COMPOSITIONS AND METHODS FOR TREATING, REDUCING, AMELIORATING, OR PREVENTING INFECTIONS CAUSED BY ANTIBACTERIAL DRUG-RESISTANT BACTERIA	3/19/2008	12/051,289	1/20/2015	8937062	Bausch & Lomb Incorporated
OPHTHALMIC COMPOSITION WITH HYALURONIC ACID AND POLYMERIC BIGUANIDE	4/25/2008	12/109,599	6/24/2014	8759321	Bausch & Lomb Incorporated
METHOD AND APPARATUS FOR EXTRAPOL	6/27/2007	11/823,401	6/3/2014	8740381	Bausch & Lomb Incorporated

Title	Filing Date	Application Number	Issue Date	Patent Number	Owner
ATING DIAGNOSTIC DATA					
SILICONE HYDROGEL WITH COMPOSITE HYDROPHILIC AND SILICONE POLYMERS PREPARED WITH SELECTIVE CROSSLINK AGENTS	7/8/2008	12/168,943	3/8/2011	7901073	Bausch & Lomb Incorporated
CROSSLINK AGENTS	1/11/2011	13/004,228	8/28/2012	8252850	Bausch & Lomb Incorporated
CROSSLINK AGENTS AND DUAL RADICAL CURE POLYMER	7/8/2008	12/168,944	11/8/2011	8053489	Bausch & Lomb Incorporated
CROSSLINK AGENTS AND DUAL RADICAL CURE POLYMER	9/12/2011	13/230,024	1/8/2013	8349912	Bausch & Lomb Incorporated
APPARATUS AND METHOD FOR SEALING A LIDSTOCK TO A CONTAINER	9/9/2008	12/282,174	11/16/2010	7832188	Bausch & Lomb Incorporated
PACKAGING SOLUTIONS	10/23/2007	11/876,862	7/23/2013	8490782	Bausch & Lomb Incorporated
PACKAGING SOLUTIONS	6/14/2013	13/917,734	12/27/2016	9527617	Bausch & Lomb Incorporated
MOLDS FOR PRODUCTION OF OPHTHALMIC DEVICES	10/31/2007	11/931,205	9/11/2012	8262952	Bausch & Lomb Incorporated
HIGH WATER CONTENT SILICONE HYDROGELS	11/10/2008	12/267,660	5/3/2011	7934830	Bausch & Lomb Incorporated
EYE LENGTH MEASUREMENT APPARATUS	12/11/2007	11/954,146	9/21/2010	7800759	Bausch & Lomb Incorporated

Title	Filing Date	Application Number	Issue Date	Patent Number	Owner
ABERROMETER HAVING REDUCED NOISE	12/12/2007	11/955,003	1/25/2011	7874674	Bausch & Lomb Incorporated
RECESSED ELECTRODES FOR SENSING FLOW IN OPHTHALMIC SURGICAL SYSTEM	12/17/2007	11/957,841	11/23/2010	7837660	Bausch & Lomb Incorporated
AIR SEPARATOR FOR OPHTHALMIC SURGICAL SYSTEM	12/13/2007	11/955,638	5/11/2010	7712360	Bausch & Lomb Incorporated
ASPIRATION FLOW MEASUREMENT SYSTEM WITH FLOW SIGNAL AIR BUBBLE FILTER	11/13/2008	12/270,209	11/22/2011	8061216	Bausch & Lomb Incorporated
OPHTHALMIC INSTRUMENT ALIGNMENT APPARATUS AND METHOD OF USING SAME	12/15/2008	12/334,896	11/17/2015	9186059	Bausch & Lomb Incorporated
METHOD OF FORMING A BIOMEDICAL DEVICE INCLUDING AN OPHTHALMIC DEVICE	12/19/2008	12/339,745	12/14/2010	7850878	Bausch & Lomb Incorporated
PACKAGING SOLUTIONS	10/27/2008	12/258,916	11/23/2010	7837934	Bausch & Lomb Incorporated
HIGH WATER CONTENT OPHTHALMIC DEVICES	1/8/2009	12/350,262	3/20/2012	8138290	Bausch & Lomb Incorporated
HIGH WATER CONTENT OPHTHALMIC DEVICES	2/10/2012	13/370,364	3/5/2013	8389597	Bausch & Lomb Incorporated
OPHTHALMIC COMPOSITIONS WITH AN	9/3/2008	12/203,384	2/21/2012	8119112	Bausch & Lomb Incorporated

Title	Filing Date	Application Number	Issue Date	Patent Number	Owner
AMPHOTERIC SURFACTANT AND HYALURONIC ACID					
POLYSILOXANES AND POLYSILOXANE PREPOLYMERS WITH VINYL OR EPOXY FUNCTIONALITY	3/5/2008	12/042,378	8/24/2010	7781554	Bausch & Lomb Incorporated
THIN IOL	3/18/2009	11/719,471	1/19/2016	9237946	Bausch & Lomb Incorporated
OPHTHALMIC COMPOSITIONS COMPRISING A DIPEPTIDE	3/25/2008	12/054,577	1/14/2014	8629099	Bausch & Lomb Incorporated
PHARMACEUTICAL FORMULATIONS COMPRISING STABILIZED POLYSACCHARIDES AND SOURCE OF HYDROGEN PEROXIDE	5/19/2009	12/468,136	11/1/2016	9481856	Bausch & Lomb Incorporated
IOL INJECTOR COMPRISING A MOVEABLE SIDE WALL	7/9/2008	12/170,061	2/24/2015	8961601	Bausch & Lomb Incorporated
BESIFLOXACIN OPHTHALMIC COMPOSITION FOR THE TREATMENT OR CONTROL OF INFECTION	10/23/2009	12/604,422	4/9/2013	8415342	Bausch & Lomb Incorporated
EYE MEASUREMENT APPARATUS AND METHODS OF USING SAME	11/5/2008	12/264,965	1/10/2012	8092024	Bausch & Lomb Incorporated

Title	Filing Date	Application Number	Issue Date	Patent Number	Owner
METHOD AND APPARATUS FOR MAKING AND PROCESSING ABERRATION MEASUREMENTS	11/6/2008	12/266,019	8/28/2012	8254724	Bausch & Lomb Incorporated
POLYMORPHS OF BRIMONIDINE PAMOATE	10/23/2009	12/604,427	10/11/2011	8034813	Bausch & Lomb Incorporated
POLYMORPHS OF BRIMONIDINE PAMOATE	9/15/2011	13/233,052	4/16/2013	8420648	Bausch & Lomb Incorporated
POLYMORPHS OF BRIMONIDINE PAMOATE	3/14/2013	13/826,496	1/28/2014	8637514	Bausch & Lomb Incorporated
POLYMORPHS OF BRIMONIDINE PAMOATE	3/14/2013	13/826,516	1/28/2014	8637515	Bausch & Lomb Incorporated
OPHTHALMIC SURGICAL CASSETTES FOR OPHTHALMIC SURGERY	11/14/2008	12/270,998	4/7/2015	8998864	Bausch & Lomb Incorporated
FLOW CONTROL SYSTEM BASED ON LEAKAGE	12/8/2008	12/329,863	4/24/2012	8162919	Bausch & Lomb Incorporated
SYSTEM FOR OPERATING AND CONTROLLING A PNEUMATICALLY DRIVEN VITRECTOMY PROBE	12/8/2008	12/329,872	12/11/2012	8328835	Bausch & Lomb Incorporated
DEVICE FOR COLLECTION OF ASPIRATED FLUIDS	12/11/2008	12/332,853	8/20/2013	8512302	Bausch & Lomb Incorporated
METHOD AND APPARATUS FOR	12/17/2008	12/336,893	2/22/2011	7895011	Bausch & Lomb Incorporated

Title	Filing Date	Application Number	Issue Date	Patent Number	Owner
PERFORMING REMOTE CALIBRATION VERIFICATION					
SYSTEM TO IDENTIFY VISCOSITY OF ASPIRATED MATERIAL DURING OPHTHALMIC SURGERY	12/19/2008	12/339,374	10/7/2014	8854221	Bausch & Lomb Incorporated
CONTROLLING BEAM INTENSITY IN AN OPHTHALMIC FIBER OPTIC ILLUMINATION SYSTEM USING ROTATABLE PLATE ARRAYS	12/22/2008	12/341,484	7/30/2013	8498512	Bausch & Lomb Incorporated
VARIABLE FREQUENCY PHACOEMULSIFICATION HANDPIECE	12/22/2008	12/341,427	5/14/2013	8439938	Bausch & Lomb Incorporated
METHOD FOR PREPARING SUSPENSIONS OF LOW-SOLUBILITY MATERIALS	10/21/2014	14/519,776	10/3/2017	9775802	Bausch & Lomb Incorporated
FLUOROQUINOLONE CARBOXYLIC ACID MOLECULAR CRYSTALS	3/12/2010	12/723,047	7/9/2013	8481526	Bausch & Lomb Incorporated
FLUOROQUINOLONE CARBOXYLIC ACID MOLECULAR CRYSTALS	3/14/2013	13/826,469	12/10/2013	8604020	Bausch & Lomb Incorporated
BIOMEDICAL DEVICES	6/16/2009	12/456,419	10/25/2011	8043369	Bausch & Lomb Incorporated

Title	Filing Date	Application Number	Issue Date	Patent Number	Owner
BIOMEDICAL DEVICES	9/7/2011	13/226,691	12/25/2012	8337551	Bausch & Lomb Incorporated
BIOMEDICAL DEVICES	6/16/2009	12/456,420	12/27/2011	8083348	Bausch & Lomb Incorporated
BIOMEDICAL DEVICES	6/16/2009	12/456,421	3/13/2012	8133960	Bausch & Lomb Incorporated
BIOMEDICAL DEVICES	6/16/2009	12/456,423	3/15/2016	9285508	Bausch & Lomb Incorporated
FAST ALGORITHM FOR STREAMING WAVEFRONT	8/4/2010	12/866,122	11/19/2013	8588487	Bausch & Lomb Incorporated
MONOETHYLENICALLY UNSATURATED POLYMERIZABLE GROUP CONTAINING POLYCARBOSILOXANE MONOMERS	7/8/2010	12/832,174	4/16/2013	8420711	Bausch & Lomb Incorporated
MONOETHYLENICALLY UNSATURATED POLYCARBOSILOXANE MONOMERS	7/9/2009	12/499,854	8/9/2011	7994356	Bausch & Lomb Incorporated
MONOETHYLENICALLY UNSATURATED POLYMERIZABLE GROUP CONTAINING POLYCARBOSILOXANE MONOMERS	3/1/2013	13/781,880	9/9/2014	8827447	Bausch & Lomb Incorporated
ETHYLENICALLY UNSATURATED POLYMERIZABLE GROUPS COMPRISING POLYCARB	3/15/2013	13/841,145	5/26/2015	9039174	Bausch & Lomb Incorporated

Title	Filing Date	Application Number	Issue Date	Patent Number	Owner
OSILOXANE MONOMERS					
MONOETHYLENICALLY UNSATURATED POLYCARBOSILOXANE MONOMERS	7/9/2009	12/499,853	3/29/2011	7915323	Bausch & Lomb Incorporated
ILLUMINATION DEVICE AND METHOD OF USE FOR OPHTHALMIC SURGERY	8/26/2010	12/868,777	10/16/2012	8287525	Bausch & Lomb Incorporated
CONTACT LENS	7/13/2010	12/835,048	6/11/2013	8461226	Bausch & Lomb Incorporated
STERILE HYALURONIC ACID SOLUTIONS	2/9/2010	12/702,540	10/9/2012	8283463	Bausch & Lomb Incorporated
STERILE HYALURONIC ACID SOLUTIONS	8/1/2012	13/564,161	9/10/2013	8530641	Bausch & Lomb Incorporated
INTRAOCULAR LENS	4/1/2010	12/752,466	5/28/2013	8449611	Bausch & Lomb Incorporated
OPHTHALMIC COMPOSITIONS WITH BIGUANIDE AND PEG-GLYCEROL ESTERS	3/28/2011	13/072,998	8/6/2013	8501200	Bausch & Lomb Incorporated
OPHTHALMIC COMPOSITIONS WITH BIGUANIDE AND PEG-GLYCEROL ESTERS	5/3/2013	13/886,571	11/18/2014	8889160	Bausch & Lomb Incorporated
METHOD AND SYSTEM OF MEASURING TORIC LENS AXIS ANGLE	4/28/2010	12/769,015	4/7/2015	8999209	Bausch & Lomb Incorporated
METHOD AND SYSTEM OF MEASURING TORIC LENS AXIS ANGLE	2/25/2015	14/630,700	{6/28/2015}	{20150168251}	Bausch & Lomb Incorporated

Title	Filing Date	Application Number	Issue Date	Patent Number	Owner
PEROXIDE CONTACT LENS CARE SOLUTION	1/24/2011	13/012,018	1/13/2015	8932646	Bausch & Lomb Incorporated
PEROXIDE CONTACT LENS CARE SOLUTION	3/15/2013	13/835,237	11/20/2018	10130733	Bausch & Lomb Incorporated
CONTACT LENS CARE SYSTEM WITH PEROXIDE	7/22/2011	13/189,046	4/21/2015	9011932	Bausch & Lomb Incorporated
PNEUMATIC SURGICAL INSTRUMENT DETECTION SYSTEM	12/29/2010	12/980,733	3/26/2013	8403917	Bausch & Lomb Incorporated
ERGONOMIC HAND-OPERABLE FLUID-DISPENSING DEVICE	2/1/2011	13/018,889	11/17/2015	9186690	Bausch & Lomb Incorporated
BEPOSTASTIC COMPOSITIONS	5/2/2012	13/462,466	8/11/2020	10736841	Bausch & Lomb Incorporated
SYSTEM AND METHOD FOR PERFORMING LENS FRAGMENTATION	3/30/2012	13/436,352	7/21/2020	10716706	Bausch & Lomb Incorporated
APPARATUS AND METHODS FOR ILLUMINATING SUBSTANCES USING COLOR TO ACHIEVE VISUAL CONTRAST	5/16/2011	13/108,483	9/16/2014	8838212	Bausch & Lomb Incorporated
CONTACT LENSES HAVING HYBRID ORIENTATION FEATURES	5/25/2012	13/481,041	4/8/2014	8690320	Bausch & Lomb Incorporated
PHARMACEUTICAL COMPOSITIONS COMPRISING MUSHROOM-BASED POLYSACC	5/10/2012	13/468,125	10/14/2014	8859525	Bausch & Lomb Incorporated

Title	Filing Date	Application Number	Issue Date	Patent Number	Owner
HARIDES AND USES THEREOF					
BROMFENAC C BIOAVAILABILITY	11/4/2016	15/343,457	10/2/2018	10085958	Bausch & Lomb Incorporated
BROMFENAC C BIOAVAILABILITY	10/11/2012	13/649,271	12/13/2016	9517220	Bausch & Lomb Incorporated
OPHTHALMIC C COMPOSITIONS CONTAINING DIGLYCINE	2/6/2012	13/366,398	3/4/2014	8664180	Bausch & Lomb Incorporated
OPHTHALMIC C PHARMACEUTICAL COMPOSITIONS AND METHODS OF MAKING AND USING SAME	1/11/2013	13/739,018	3/8/2016	9278132	Bausch & Lomb Incorporated
SYSTEM AND METHOD FOR CREATING A CUSTOMIZED ANATOMICAL MODEL OF AN EYE	3/11/2013	13/792,931	12/22/2015	9216066	Bausch & Lomb Incorporated
USE OF AN OPTICAL SYSTEM SIMULATING BEHAVIOR OF HUMAN EYE TO GENERATE RETINAL IMAGES AND AN IMAGE QUALITY METRIC TO EVALUATE SAME	7/29/2013	13/952,795	4/7/2015	9001316	Bausch & Lomb Incorporated
METHOD OF MAKING A FULLY POLYMERIZED UV BLOCKING SILICONE HYDROGEL LENS	5/25/2012	13/480,651	{11/28/2013 }	{2013031 3733}	Bausch & Lomb Incorporated

Title	Filing Date	Application Number	Issue Date	Patent Number	Owner
FULLY POLYMERIZED UV BLOCKING SILICONE HYDROGEL LENS	5/25/2012	13/480,648	8/19/2014	8807745	Bausch & Lomb Incorporated
FULLY POLYMERIZED UV BLOCKING SILICONE HYDROGEL LENS	12/20/2012	13/722,054	7/7/2015	9075187	Bausch & Lomb Incorporated
VIBRATING SURGICAL DEVICE FOR REMOVAL OF VITREOUS AND OTHER TISSUE	10/14/2016	15/293,562	4/27/2021	10987246	Bausch & Lomb Incorporated
VIBRATING SURGICAL DEVICE FOR REMOVAL OF VITREOUS AND OTHER TISSUE	9/6/2013	14/020,386	11/22/2016	9498377	Bausch & Lomb Incorporated
INTRAOCULAR LENS INJECTOR ASSEMBLY INCLUDING A SHUTTLE AND METHOD OF USING SAME	8/18/2017	15/680,698	2/11/2020	10555832	Bausch & Lomb Incorporated
INTRAOCULAR LENS INJECTOR ASSEMBLY INCLUDING A SHUTTLE AND METHOD OF USING SAME	9/7/2012	13/606,362	4/3/2018	9931242	Bausch & Lomb Incorporated
METHOD AND APPARATUS FOR DETERMINING DEPTH OF FOCUS OF AN EYE OPTICAL SYSTEM	10/18/2012	13/655,048	1/13/2015	8931900	Bausch & Lomb Incorporated

Title	Filing Date	Application Number	Issue Date	Patent Number	Owner
IRRIGATION SLEEVE AND PHACOEMULSIFICATION NEEDLE WITH SLEEVE RETENTION FEATURES	10/26/2012	13/661,493	4/17/2018	9943439	Bausch & Lomb Incorporated
OPHTHALMIC MULTIPLE WAVELENGTH LASER ILLUMINATOR WITH A GRAPHICAL USER INTERFACE	11/6/2013	14/072,859	2/20/2018	9895056	Bausch & Lomb Incorporated
SYSTEM AND METHOD FOR FEMTO-FRAGMENTATION OF A CRYSTALLINE LENS	3/12/2013	13/795,641	3/14/2017	9592157	Bausch & Lomb Incorporated
SYSTEM AND METHOD FOR FEMTO-FRAGMENTATION OF A CRYSTALLINE LENS	1/23/2017	15/412,980	5/22/2018	9974692	Bausch & Lomb Incorporated
SYSTEM AND METHOD OF CALCULATING VISUAL PERFORMANCE OF AN OPHTHALMIC OPTICAL CORRECTION USING SIMULATION OF IMAGING BY A POPULATION OF EYE OPTICAL SYSTEMS	11/7/2012	13/670,968	7/28/2015	9091864	Bausch & Lomb Incorporated
HINGELESS CARTRIDGE FOR USE WITH AN INTRAOCULAR LENSE INJECTOR PROVIDING	11/9/2012	13/673,330	10/13/2015	9155615	Bausch & Lomb Incorporated

Title	Filing Date	Application Number	Issue Date	Patent Number	Owner
HAPTIC CONTROL					
HINGELESS CARTRIDGE FOR USE WITH AN INTRAOCULAR LENSE INJECTOR PROVIDING HAPTIC CONTROL	11/8/2013	14/075,845	1/19/2016	9237947	Bausch & Lomb Incorporated
METHOD OF PREPARING WATER EXTRACTABLE SILICON-CONTAINING BIOMEDICAL DEVICES	12/20/2012	13/722,073	3/3/2015	8967799	Bausch & Lomb Incorporated
POLY(NITROGEN/AMINE) DERIVATIVES OF A NATURAL WAX AND OPHTHALMIC COMPOSITIONS	1/23/2014	14/161,936	3/8/2016	9279095	Bausch & Lomb Incorporated
SYNTHESIS OF FREE RADICAL POLYMERIZABLE ETHYLENICALLY UNSATURATED POLOXAMERS AND POLOXAMINES	6/18/2014	14/308,229	4/12/2016	9309357	Bausch & Lomb Incorporated
POSTERIOR CAPSULOTOMY USING LASER TECHNIQUES	12/30/2014	14/412,168	9/18/2018	10076445	Bausch & Lomb Incorporated
LIGHT ABSORBING COMPOUNDS FOR OPTICAL POLYMERS	1/19/2015	14/415,697	2/2/2016	9249249	Bausch & Lomb Incorporated
OPHTHALMIC COMPOSITIONS WITH ALKOXYLATE	8/7/2014	14/377,460	6/28/2016	9375401	Bausch & Lomb Incorporated

Title	Filing Date	Application Number	Issue Date	Patent Number	Owner
ED NATURAL WAXES					
METHOD AND APPARATUS FOR DELAYING POLYMERIZATION	9/2/2015	14/772,106	{1/21/2016}	{20160017064}	Bausch & Lomb Incorporated
MINIMIZING BIOLOGICAL LIPID DEPOSITS ON CONTACT LENSES	3/12/2015	14/427,928	4/17/2018	9943622	Bausch & Lomb Incorporated
OPHTHALMIC SUSPENSION COMPOSITION	1/26/2016	15/006,525	3/24/2020	10596107	Bausch & Lomb Incorporated
ULTRASONIC NEEDLES AND TRANSDUCER ASSEMBLIES FORMED OF NON-METAL MATERIALS OR A COMBINATION OF MATERIALS	4/20/2015	14/690,791	3/2/2021	10932948	Bausch & Lomb Incorporated
CAST MOLDING TORIC CONTACT LENSES	4/27/2016	15/139,513	11/20/2018	10133089	Bausch & Lomb Incorporated
METHOD FOR OBTAINING CONTACT LENSES WITH DYNAMICALLY CONTROLLED SAGITTA AND CLEARANCE	5/26/2016	15/165,044	3/24/2020	10598955	Bausch & Lomb Incorporated
ULTRASONIC SURGICAL ASPIRATION NEEDLE ASSEMBLY WITH MOLDED HUB	4/29/2016	15/142,932	{11/2/2017}	{20170312128}	Bausch & Lomb Incorporated

Title	Filing Date	Application Number	Issue Date	Patent Number	Owner
PRISM BALLASTED CONTACT LENS	6/30/2017	15/640,207	4/30/2019	10274751	Bausch & Lomb Incorporated
METHOD AND APPARATUS FOR FORMING A LENS	9/29/2017	15/720,711	3/29/2022	11285681	Bausch & Lomb Incorporated
INTRAOCULAR LENS INJECTOR ASSEMBLY HAVING SHUTTLE ASSEMBLY RETAINING INTRAOCULAR LENS IN STORAGE VIAL AND OPERABLY PRESENTING INTRAOCULAR LENS IN INJECTOR ASSEMBLY	9/19/2017	15/708,873	7/28/2020	10722346	Bausch & Lomb Incorporated
VITREORETINAL TAMPONES BASED ON FLUOROSILICONE FLUIDS	9/19/2002	10/247,452	3/9/2004	6703378	Bausch & Lomb Incorporated
EYEWEAR MAGNIFYING LOUPE	3/20/2003	10/393,634	7/20/2004	6764176	Bausch & Lomb Incorporated
STERILIZATION OF INTRAOCULAR LENSES	11/1/2012	13/666,051	6/17/2014	8753389	Bausch & Lomb Incorporated
STERILIZATION OF INTRAOCULAR LENSES	12/7/2009	12/631,901	12/11/2012	8329097	Bausch & Lomb Incorporated
CONTACT LENS CASE	3/12/2009	29/333,572	5/25/2010	D616198	Bausch & Lomb Incorporated
HAND HELD MAGNIFIER	10/31/2012	29/436,021	4/15/2014	D702745	Bausch & Lomb Incorporated
HAND HELD MAGNIFIER	10/31/2012	29/436,023	4/15/2014	D702746	Bausch & Lomb Incorporated
OPHTHALMIC COMPOSITIONS CONTAINING DIGLYCINE	2/6/2012	13/366,399	12/4/2012	8324171	Bausch & Lomb Incorporated

Title	Filing Date	Application Number	Issue Date	Patent Number	Owner
METHOD AND SYSTEM FOR IMPROVING VISION	10/19/2001	10/045694	8/9/2005	6926710	TECHNOLAS PERFECT VISION GMBH
APPARATUS AND METHOD FOR CREATING A CORNEAL FLAP	11/28/2001	09/997167	11/4/2003	6641577	TECHNOLAS PERFECT VISION GMBH
DEVICE AND METHOD FOR PERFORMING REFRACTIVE SURGERY	10/12/2001	09/976177	8/26/2003	6610051	TECHNOLAS PERFECT VISION GMBH
LASER BEAM DELIVERY SYSTEM WITH MULTIPLE FOCAL POINTS	7/27/2001	09/919627	8/26/2003	6610050	TECHNOLAS PERFECT VISION GMBH
DEVICE AND METHOD FOR CREATING A CORNEAL REFERENCE FOR AN EYETRACKER	4/25/2001	09/842354	6/17/2003	6579282	TECHNOLAS PERFECT VISION GMBH
METHOD FOR SEPARATING LAMELLAE	2/14/2001	09/783665	9/17/2002	6451006	TECHNOLAS PERFECT VISION GMBH
ZERO COMPRESSION MICROKERATOMIC CUTTING HEAD ASSEMBLY	12/15/2000	09/738129	4/29/2003	6554847	TECHNOLAS PERFECT VISION GMBH
ABERRATION-FREE DELIVERY SYSTEM	10/17/2000	09/690776	5/7/2002	6382797	TECHNOLAS PERFECT VISION GMBH

Title	Filing Date	Application Number	Issue Date	Patent Number	Owner
CLOSED LOOP CONTROL FOR REFRACTIVE LASER SURGERY (LASIK)	10/17/2000	09/690774	8/6/2002	6428533	TECHNOLAS PERFECT VISION GMBH
Method for programming an active mirror to mimic a wavefront	2/25/2000	09/512440	4/24/2001	6220707	TECHNOLAS PERFECT VISION GMBH
CORNEAL CURVATURE MODIFICATION VIA INTERNAL ABLATION	3/3/1992	07/844879	7/24/2001	6264648	TECHNOLAS PERFECT VISION GMBH
CUSTOMIZED REFRACTIVE CORRECTION	9/30/2002	10/110894	4/4/2006	7022117	TECHNOLAS PERFECT VISION GMBH
CUSTOMIZED CORNEAL PROFILING	2/3/2003	10/110922	7/3/2007	7237898	TECHNOLAS PERFECT VISION GMBH
SYSTEM AND METHOD FOR CONTROLLING THE FOCAL POINT LOCATIONS OF A LASER BEAM	3/15/2013	13/835090			TECHNOLAS PERFECT VISION GMBH
CORNEA CONTACT SYSTEM FOR LASER SURGERY	5/24/2002	10/155810	5/4/2004	6730074	TECHNOLAS PERFECT VISION GMBH
LASER VISION CORRECTION APPARATUS AND CONTROL METHOD	6/27/2002	10/184441	11/9/2004	6814729	TECHNOLAS PERFECT VISION GMBH

Title	Filing Date	Application Number	Issue Date	Patent Number	Owner
CLOSED LOOP CONTROL FOR INTRASTROMAL WAVEFRONT-GUIDED ABLATION	11/13/2002	10/293226	5/3/2005	6887232	TECHNOLAS PERFECT VISION GMBH
SYSTEM AND METHOD FOR EVALUATING A SECONDARY LASIK TREATMENT	12/12/2002	10/318443	9/6/2005	6939342	TECHNOLAS PERFECT VISION GMBH
LASER SYSTEM AND METHOD FOR GENERATION OF A PULSE SEQUENCE WITH CONTROLLABLE PARAMETERS AND COMPUTER PROGRAM PRODUCT	8/6/2003	10/635154	10/3/2006	7116688	TECHNOLAS PERFECT VISION GMBH
EYE POSITION CONTROL MONITOR FOR LASER VISION CORRECTION	11/20/2003	10/718980	11/22/2005	6966905	TECHNOLAS PERFECT VISION GMBH
SYSTEM AND METHOD FOR POSITIONING A PATIENT FOR LASER SURGERY	3/1/2004	10/790625	7/22/2008	7402159	TECHNOLAS PERFECT VISION GMBH
BAR-LINK DRIVE SYSTEM FOR A MICROKROKATOME	3/23/2004	10/807420	8/24/2010	7780689	TECHNOLAS PERFECT VISION GMBH

Title	Filing Date	Application Number	Issue Date	Patent Number	Owner
BEAM STEERING SYSTEM FOR CORNEAL LASER SURGERY	4/9/2004	10/821402	11/17/2009	7618415	TECHNOLAS PERFECT VISION GMBH
METHOD FOR INTRASTROMAL PHOTODISRUPTION OF DOME-SHAPED SURFACES	4/29/2004	10/835087	7/3/2007	7238176	TECHNOLAS PERFECT VISION GMBH
SYSTEMS AND METHODS FOR SHAPING WAVEFRONTS IN POLYCHROMATIC LIGHT USING PHASE SHIFTING ELEMENTS	8/31/2004	10/930730	4/22/2008	7360893	TECHNOLAS PERFECT VISION GMBH
TIME-RESOLVED SCANNING PATTERNS FOR INTRASTROMAL SURGERY	11/1/2004	10/978613	5/18/2010	7717905	TECHNOLAS PERFECT VISION GMBH
SYSTEMS AND METHODS FOR INTRASTROMAL SCANNING PATTERNS	11/12/2004	10/987542	2/16/2010	7662148	TECHNOLAS PERFECT VISION GMBH
DEVICES AND METHODS FOR SEPARATING LAYERS OF MATERIALS HAVING DIFFERENT ABLATION THRESHOLDS	12/17/2004	11/015338	2/22/2011	7892225	TECHNOLAS PERFECT VISION GMBH

Title	Filing Date	Application Number	Issue Date	Patent Number	Owner
CLOSED LOOP CONTROL FOR INTRASTROMAL WAVEFRONT-GUIDED ABLATION WITH FRACTIONATED TREATMENT PROGRAM	1/12/2005	11/033967	6/19/2007	7232436	TECHNOLAS PERFECT VISION GMBH
DEVICE AND METHOD FOR ALIGNING AN EYE WITH A SURGICAL LASER	2/25/2005	11/066726	6/24/2008	7390089	TECHNOLAS PERFECT VISION GMBH
METHOD AND SYSTEM FOR IMPROVING VISION	6/22/2005	11/158365	4/20/2010	7699837	TECHNOLAS PERFECT VISION GMBH
CUSTOMIZED CORNEAL FLAP	7/26/2005	11/190052	2/16/2010	7662149	TECHNOLAS PERFECT VISION GMBH
CORNEA CONTACT SYSTEM	10/21/2005	11/256649	6/7/2011	7955324	TECHNOLAS PERFECT VISION GMBH
MATERIAL PROCESSING SYSTEM WITH VARIABLE REPETITION RATE LASER	7/27/2006	11/460567	1/5/2010	7643521	TECHNOLAS PERFECT VISION GMBH
SYSTEM AND METHOD FOR PRECISE BEAM POSITIONING IN	1/19/2007	11/625213	1/3/2012	8088124	TECHNOLAS PERFECT VISION GMBH

Title	Filing Date	Application Number	Issue Date	Patent Number	Owner
OCULAR SURGERY					
SYSTEM AND METHOD FOR PHOTOABLATION USING MULTIPLE FOCAL POINTS WITH ROTATING BEAM SPLITTER	3/7/2007	11/682976	5/18/2010	7717906	TECHNOLAS PERFECT VISION GMBH
STEPPED MICROKERATOMIC BLADE HOLDER	3/29/2007	11/729465	4/12/2011	7922736	TECHNOLAS PERFECT VISION GMBH
METHOD FOR INTRASTROMAL REFRACTIVE SURGERY	12/17/2007	11/958202	5/18/2010	7717907	TECHNOLAS PERFECT VISION GMBH
COMPUTER CONTROL FOR BIOMECHANICAL ALTERATION OF THE CORNEA	1/18/2008	12/016558	6/3/2014	8740888	TECHNOLAS PERFECT VISION GMBH
FINITE ELEMENT MODELING OF THE CORNEA	1/18/2008	12/016857	11/30/2010	7844425	TECHNOLAS PERFECT VISION GMBH
BEAM STEERING SYSTEM FOR CORNEAL LASER SURGERY	2/8/2008	12/028687	2/16/2010	7662147	TECHNOLAS PERFECT VISION GMBH
SYSTEM AND METHOD FOR THE TREATMENT OF A PATIENTS	2/15/2008	12/063900	11/6/2012	8303578	TECHNOLAS PERFECT VISION GMBH

Title	Filing Date	Application Number	Issue Date	Patent Number	Owner
EYE WORKING AT HIGH SPEED					
SYSTEM AND METHOD FOR ALTERING INTERNAL STRESS DISTRIBUTIONS TO RESHAPE A MATERIAL	4/16/2008	12/104401	5/21/2013	8444633	TECHNOLAS PERFECT VISION GMBH
METHOD PATTERNS FOR INTRASTROMAL REFRACTIVE SURGERY	4/17/2008	12/105195	5/18/2010	7717908	TECHNOLAS PERFECT VISION GMBH
SYSTEM AND METHOD FOR STRAY LIGHT COMPENSATION OF CORNEAL CUTS	5/30/2008	12/130937	9/10/2013	8529557	TECHNOLAS PERFECT VISION GMBH
MINIMIZING THE SIDE-EFFECTS OF REFRACTIVE CORRECTIONS USING STATISTICALLY DETERMINED IRREGULARITIES IN INTRASTROMAL INCISIONS	1/6/2009	12/349257	2/19/2013	8377048	TECHNOLAS PERFECT VISION GMBH
SYSTEM AND METHOD FOR CORRECTING HIGHER ORDER ABERRATIONS WITH CHANGES IN INTRASTROMAL BIOMECHANICS	1/27/2009	12/360715	2/5/2013	8366701	TECHNOLAS PERFECT VISION GMBH

Title	Filing Date	Application Number	Issue Date	Patent Number	Owner
NICAL STRESS DISTRIBUTIONS					
System and Method for Refractive Surgery with Augmentation by Intrastromal Corrective Procedures	1/27/2009	12/360726	7/30/2013	8496651	TECHNOLAS PERFECT VISION GMBH
DETERMINATION AND MONITORING OF LASER ENERGY	9/17/2010	12/747221	2/26/2013	8385618	TECHNOLAS PERFECT VISION GMBH
SYSTEM FOR PERFORMING INTRASTROMAL REFRACTIVE SURGERY	5/14/2010	12/780180	4/2/2013	8409179	TECHNOLAS PERFECT VISION GMBH
TREATMENT PATTERN MONITOR	12/7/2010	12/962318	3/5/2013	8388610	TECHNOLAS PERFECT VISION GMBH
Combination of excimer laser ablation and femtosecond laser technology	1/28/2011	13/015979	10/15/2013	8556886	TECHNOLAS PERFECT VISION GMBH
Apparatus and method for providing a laser shot file	4/29/2011	13/098267	5/24/2016	9345620	TECHNOLAS PERFECT VISION GMBH
System and Method for Precise Beam Positioning in Ocular Surgery	7/25/2011	13/189723	9/10/2013	8528566	TECHNOLAS PERFECT VISION GMBH

Title	Filing Date	Application Number	Issue Date	Patent Number	Owner
System and Method for Postoperative Capsular Bag Control	12/28/2011	13/338872	7/19/2016	9393155	TECHNOLAS PERFECT VISION GMBH
SYSTEM AND METHOD WITH REFRACTIVE CORRECTIONS FOR CONTROLLED PLACEMENT OF A LASER BEAM'S FOCAL POINT	3/8/2012	13/415679	8/19/2014	8807752	TECHNOLAS PERFECT VISION GMBH
Surgical Laser Unit with Variable Modes of Operation	4/18/2012	13/450180	4/25/2017	9629750	TECHNOLAS PERFECT VISION GMBH
DIMENSIONAL COMPENSATOR FOR USE WITH A PATIENT INTERFACE	3/11/2013	13/793396	7/26/2016	9398979	TECHNOLAS PERFECT VISION GMBH
ADAPTABLE PATIENT INTERFACE	3/12/2013	13/796047	3/28/2017	9603744	TECHNOLAS PERFECT VISION GMBH
METHOD AND APPARATUS FOR CALCULATING A LASER SHOT FILE FOR USE IN AN EXCIMER LASER	12/19/2013	14/134541	5/2/2017	9636256	TECHNOLAS PERFECT VISION GMBH
EYE POSITION INSTRUMENT	10/21/2005	29/241030	1/8/2008	D559388	TECHNOLAS PERFECT VISION GMBH

Title	Filing Date	Application Number	Issue Date	Patent Number	Owner
PATIENT INTERFACE FOR CORNEAL SURGERY	2/16/2006	29/254066	2/3/2009	D585990	TECHNOLAS PERFECT VISION GMBH
OPHTHALMIC COMPOSITION COMPRISING A BETA-BLOCKER	12/28/2000	09/647987	6/4/2002	6399605	LABORATOIRE CHAUVIN S.A.S.
NON-BUBBLE FORMING DROPPER TIP	4/22/1998	09/064331	8/22/2000	6105828	Bausch & Lomb Incorporated
ADJUSTABLE MAGNIFYING APPARATUS AND METHOD FOR VIEWING VIDEO OR COMPUTER SCREENS	4/21/1998	09/063589	7/9/2002	6417894	Bausch & Lomb Incorporated
METHOD FOR IDENTIFYING CHARACTERISTICS OF CONTACT LENSES	4/2/1998	09/054133	6/27/2000	6079826	Bausch & Lomb Incorporated
TORIC CONTACT LENSES	3/27/1998	09/049246	9/5/2000	6113236	Bausch & Lomb Incorporated
SILICONE-CONTAINING PREPOLYMERS AND LOW WATER MATERIALS	4/29/1998	09/069785	11/9/1999	5981669	Bausch & Lomb Incorporated
HYDROXY OR AMINO TERMINATED HYDROPHILIC POLYMERS	5/15/1998	09/079779	12/28/1999	6008317	Bausch & Lomb Incorporated

Title	Filing Date	Application Number	Issue Date	Patent Number	Owner
THERMOPLASTIC SILICONE-CONTAINING HYDROGELS	5/15/1998	09/079780	10/19/1999	5969076	Bausch & Lomb Incorporated
METHOD FOR MAKING CONTACT LENSES HAVING UV ABSORBING PROPERTIES	5/15/1998	09/079781	6/22/1999	5914355	Bausch & Lomb Incorporated
METHOD FOR POLYMERIZING CONTACT LENSES HAVING UV ABSORBING PROPERTIES	5/15/1998	09/079783	8/31/1999	5945465	Bausch & Lomb Incorporated
DEVICE FOR INSERTING A FLEXIBLE INTRAOCULAR LENS	5/19/1998	09/081130	4/16/2002	6371960	Bausch & Lomb Incorporated
INTRAOCULAR LENS PACKAGING SYSTEM METHOD OF PRODUCING AND METHOD OF USING	6/5/1998	09/092514	2/6/2001	6183513	Bausch & Lomb Incorporated
INJECTION MOLDING PROCESS FOR ROTATIONALLY ASYMMETRIC CONTACT LENS SURFACES	6/9/1998	09/095703	10/19/1999	5968422	Bausch & Lomb Incorporated
MONOMERS USEFUL FOR CONTACT LENS MATERIALS	8/10/1998	09/131756	9/28/1999	5959117	Bausch & Lomb Incorporated

Title	Filing Date	Application Number	Issue Date	Patent Number	Owner
AUTOMATED CAST MOLD HYDRATING DEVICE	8/27/1998	09/140925	11/7/2000	6143210	Bausch & Lomb Incorporated
METHOD FOR LATHING A LENS	9/9/1998	09/146366	8/3/1999	5931068	Bausch & Lomb Incorporated
LENS HYDRATION APPARATUS AND METHOD	9/3/1998	09/146367	5/30/2000	6068798	Bausch & Lomb Incorporated
METHOD AND APPARATUS FOR DETECTING CONTACT LENSES	9/11/1998	09/151560	9/26/2000	6124594	Bausch & Lomb Incorporated
CURRENT COMPENSATION SYSTEM FOR DRIVING ELECTRIC MOTOR	9/26/1998	09/161255	3/28/2000	6043623	Bausch & Lomb Incorporated
OPHTHALMIC ASPIRATION SYSTEM WITH SELECTABLE VENT METHOD	10/15/1998	09/173451	7/4/2000	6083195	Bausch & Lomb Incorporated
AIR VENTING IN OPHTHALMIC IRRIGATION/ASPIRATION SYSTEM VIA CLOSED BAG SYSTEM	10/15/1998	09/173453	5/1/2001	6224583	Bausch & Lomb Incorporated
MAGNIFIER STAND	10/23/1998	09/177639	12/7/1999	5999340	Bausch & Lomb Incorporated

Title	Filing Date	Application Number	Issue Date	Patent Number	Owner
COMPOSITIONS COMPRISING POLYQUATERNIUMS IN COMBINATION WITH POLYMERIC BIGUANIDES FOR DISINFECTING CONTACT LENSES	11/12/1998	09/190509	11/28/2000	6153568	Bausch & Lomb Incorporated
TREATMENT OF CONTACT LENSES WITH AQUEOUS SOLUTION COMPRISING A BIGUANIDE DISINFECTANT AND A COMPLEMENTARY PHOSPHATE-BORATE BUFFER SYSTEM	11/12/1998	09/190690	11/7/2000	6143244	Bausch & Lomb Incorporated
TREATMENT OF CONTACT LENSES WITH AQUEOUS SOLUTION COMPRISING A CARBONATE SALT FOR ENHANCED CLEANING	11/12/1998	09/190790	10/30/2001	6309658	Bausch & Lomb Incorporated
SILICONE-CONTAINING MACROMONOMERS AND LOW WATER MATERIALS	12/7/1998	09/206470	11/9/1999	5981675	Bausch & Lomb Incorporated
HIGH REFRACTIVE INDEX HYDROGEL COMPOSITIONS FOR OPHTHALMIC IMPLANTS	12/11/1998	09/209552	12/11/2001	6329485	Bausch & Lomb Incorporated

Title	Filing Date	Application Number	Issue Date	Patent Number	Owner
TREATMENT OF CONTACT LENSES WITH AQUEOUS SOLUTION COMPRISING A BIGUANIDE DISINFECTANT STABILIZED BY A POLOXAMINE	12/15/1998	09/211547	10/30/2001	6309596	Bausch & Lomb Incorporated
CONTACT LENS PACKAGE	12/15/1998	09/211764	7/4/2000	6082533	Bausch & Lomb Incorporated
COLOR-IMPARTING CONTACT LENSES WITH INTERFERENCE COATING AND METHOD FOR MAKING THE SAME	12/16/1998	09/212461	12/26/2000	6164777	Bausch & Lomb Incorporated
MULTIPLE PORT PHACO NEEDLE	12/18/1998	09/215893	10/3/2000	6126629	Bausch & Lomb Incorporated
METHOD AND COMPOSITION FOR REWETTING AND PREVENTING DEPOSITS ON CONTACT LENSES	12/22/1998	09/218505	3/14/2000	6037328	Bausch & Lomb Incorporated
TORIC AXIS ALIGNMENT MACHINE AND METHOD	1/12/1999	09/228858	3/6/2001	6197227	Bausch & Lomb Incorporated

Title	Filing Date	Application Number	Issue Date	Patent Number	Owner
VARIABLE MULTIPLE COLOR LED ILLUMINATION SYSTEM	3/12/1999	09/267523	2/6/2001	6183086	Bausch & Lomb Incorporated
METHOD AND APPARATUS FOR IMAGING AND ANALYSIS OF OCULAR TISSUE	3/23/1999	09/274203	8/14/2001	6275718	Bausch & Lomb Incorporated
SURFACE-TREATMENT OF SILICONE MEDICAL DEVICES COMPRISING AN INTERMEDIATE CARBON COATING AND GRAFT POLYMERIZATION	5/20/1999	09/315912	3/13/2001	6200626	Bausch & Lomb Incorporated
METHOD FOR LATHING A LENS	7/2/1999	09/346825	11/13/2001	6315650	Bausch & Lomb Incorporated
INTRACOCULAR LENSES	7/29/1999	09/364225	2/3/2004	6685741	Bausch & Lomb Incorporated
MOLD FOR MAKING ROTATIONALLY ASYMMETRIC CONTACT LENSES	9/9/1999	09/392595	10/23/2001	6305661	Bausch & Lomb Incorporated
ACCOMMODATING POSITIVE AND NEGATIVE INTRAOCULAR LENS SYSTEM	11/5/1999	09/434635	7/27/2004	6767363	Bausch & Lomb Incorporated

Title	Filing Date	Application Number	Issue Date	Patent Number	Owner
CONTACT LENS PACKING SOLUTIONS	2/22/2000	09/445003	8/27/2002	6440366	Bausch & Lomb Incorporated
HYDROXY OR AMINO TERMINATED HYDROPHILIC POLYMERS	12/22/1999	09/470064	7/31/2001	6268467	Bausch & Lomb Incorporated
Silicone-containing prepolymers	2/25/2000	09/512905	4/17/2001	6218503	Bausch & Lomb Incorporated
Multifocal lens article	3/10/2000	09/522512	6/12/2001	6244709	Bausch & Lomb Incorporated
Acquisition of multiple eye topography exams	3/23/2000	09/534095	6/11/2002	6402319	Bausch & Lomb Incorporated
Eye measurement system	3/24/2000	09/535410	5/15/2001	6231186	Bausch & Lomb Incorporated
Method for separating packages	3/30/2000	09/538883	7/3/2001	6253912	Bausch & Lomb Incorporated
Lens hydration apparatus and method	4/24/2000	09/557121	2/6/2001	6183236	Bausch & Lomb Incorporated
Method for determination of water transport in biocompatible materials	5/10/2000	09/568290	10/9/2001	6298713	Bausch & Lomb Incorporated
APPARATUS AND METHOD FOR CLAMPING AND RELEASING CONTACT LENS MOLDS	5/31/2000	09/583586	2/4/2003	6514436	Bausch & Lomb Incorporated
System for packaging and dispensing	6/8/2000	09/589831	7/17/2001	6260695	Bausch & Lomb Incorporated

Title	Filing Date	Application Number	Issue Date	Patent Number	Owner
dry contact lenses					
METHODS AND APPARATUS FOR SEPARATING MATERIAL FROM A MOLD SURFACE	7/31/2000	09/628517	4/9/2002	6368096	Bausch & Lomb Incorporated
Method of making ocular devices	7/31/2000	09/628974	4/2/2002	6364934	Bausch & Lomb Incorporated
Method of making lens with colored portion	8/11/2000	09/637246	6/19/2001	6248266	Bausch & Lomb Incorporated
INTRAOCULAR LENS IMPLANTS FOR THE PREVENTION OF SECONDARY CATARACTS	8/21/2000	09/642966	8/24/2002	6454802	Bausch & Lomb Incorporated
CUSTOMIZED VISION CORRECTION METHOD AND BUSINESS	9/13/2000	09/661028	12/31/2002	6499843	Bausch & Lomb Incorporated
Article transfer method	11/13/2000	09/711603	8/21/2001	6276797	Bausch & Lomb Incorporated
DRY POLISHING OF INTRAOCULAR LENSES	12/11/2000	09/734439	10/21/2003	6634931	Bausch & Lomb Incorporated
APPARATUS AND METHOD FOR EDGING A CONTACT LENS	12/21/2000	09/746852	8/26/2003	6609958	Bausch & Lomb Incorporated
NUTRITIONAL SUPPLEMENT TO TREAT MACULAR DEGENERATION	3/23/2001	09/816284	12/9/2003	6660297	Bausch & Lomb Incorporated PF Consumer Healthcare 1 LLC The Government of the United States of America

Title	Filing Date	Application Number	Issue Date	Patent Number	Owner
QUINOLONE CARBOXYLIC ACID COMPOSITIONS AND RELATED METHODS OF TREATMENT	4/25/2001	09/840871	2/3/2004	6685958	Bausch & Lomb Incorporated
ANTERIOR CHAMBER DIAMETER MEASUREMENT SYSTEM FROM LIMBAL RING MEASUREMENT	7/30/2001	09/918678	12/14/2004	6830334	Bausch & Lomb Incorporated
METHOD FOR LATHING A LENS	9/25/2001	09/963889	9/7/2004	6786802	Bausch & Lomb Incorporated
OPHTHALMIC DELIVERY DEVICE	10/3/2001	09/970292	6/24/2003	6582422	Bausch & Lomb Incorporated
ASPIRATION FLOW METER AND CONTROL	11/30/2001	09/997883	7/29/2003	6599277	Bausch & Lomb Incorporated
COLLECTION RESERVOIR FOR USE WITH FLOW METER CONTROL SYSTEM	11/30/2001	09/997901	10/21/2003	6634237	Bausch & Lomb Incorporated
OPHTHALMIC ARTICLE INSPECTION SYSTEM	11/30/2001	09/998492	9/7/2004	6788399	Bausch & Lomb Incorporated
HIGH REFRACTIVE INDEX POLYMERIC SILOXYSILANE COMPOSITIONS	11/2/2001	10/000136	6/21/2005	6908978	Bausch & Lomb Incorporated
HIGH REFRACTIVE INDEX AROMATIC-BASED SILOXANE MONOFUNCTIONAL MACROMONOMERS	11/2/2001	10/000137	5/4/2004	6730767	Bausch & Lomb Incorporated

Title	Filing Date	Application Number	Issue Date	Patent Number	Owner
HIGH REFRACTIVE INDEX POLYMERIC SILOXYSILANE COMPOSITIONS	11/2/2001	10/003635	1/30/2007	7169874	Bausch & Lomb Incorporated
HIGH REFRACTIVE INDEX AROMATIC-BASED SILOXANE DIFUNCTIONAL MACROMONOMERS	11/2/2001	10/004146	4/20/2004	6723816	Bausch & Lomb Incorporated
POLY(2-OXAZOLINE) BIOMEDICAL DEVICES	12/6/2001	10/008441	7/6/2004	6759496	Bausch & Lomb Incorporated
METHOD AND APPARATUS FOR CALIBRATING AND CERTIFYING ACCURACY OF A WAVEFRONT SENSING DEVICE	12/11/2001	10/013573	5/25/2004	6739721	Bausch & Lomb Incorporated
ABERROMETER CALIBRATION	12/14/2001	10/017349	10/28/2003	6637884	Bausch & Lomb Incorporated
FOOT CONTROLLER INCLUDING MULTIPLE SWITCH ARRANGEMENT WITH HEEL OPERATED DOOR TYPE SWITCH ACTUATOR	12/19/2001	10/025424	2/10/2004	6689975	Bausch & Lomb Incorporated
ABERROMETER ILLUMINATION APPARATUS AND METHOD	12/21/2001	10/025801	5/18/2004	6736509	Bausch & Lomb Incorporated
IRIS RECOGNITION AND TRACKING	2/20/2003	10/110892	12/12/2006	7146983	Bausch & Lomb Incorporated

Title	Filing Date	Application Number	Issue Date	Patent Number	Owner
FOR OPTICAL TREATMENT					
WAVEFRONT SENSOR HAVING MULTI-POWER BEAM MODES, INDEPENDENT ADJUSTMENT CAMERA, AND ACCOMMODATION RANGE MEASUREMENT	3/13/2003	10/110929	5/2/2006	7036934	Bausch & Lomb Incorporated
QUINOLONE CARBOXYLIC ACID COMPOSITIONS AND RELATED METHODS OF TREATMENT	4/22/2002	10/126513	3/2/2004	6699492	Bausch & Lomb Incorporated
CONTACT LENS PACKING SOLUTIONS	7/18/2002	10/198819	3/2/2004	6699435	Bausch & Lomb Incorporated
POLYSILSESQUOXANE CONTAINING POLYMERIC COMPOSITIONS	9/13/2002	10/243564	4/3/2007	7198639	Bausch & Lomb Incorporated
CONTACT LENS MATERIAL	11/12/2002	10/293056	7/13/2004	6762264	Bausch & Lomb Incorporated
IMAGE REGISTRATION SYSTEM AND METHOD	12/19/2002	10/325791	12/2/2003	6658282	Bausch & Lomb Incorporated
MOIRE ABERROMETER	3/25/2003	10/397099	3/11/2008	7341348	Bausch & Lomb Incorporated
SEQUENTIAL SCANNING WAVEFRONT MEASUREMENT AND RETINAL	11/15/2004	10/498455	11/20/2007	7296895	Bausch & Lomb Incorporated

Title	Filing Date	Application Number	Issue Date	Patent Number	Owner
TOPOGRAPHY					
HIGH REFRACTIVE INDEX AROMATIC-BASED SILOXANE DIFUNCTIONAL MACROMONOMERS	9/18/2003	10/665946	3/7/2006	7009023	Bausch & Lomb Incorporated
CONTACT LENS MATERIALS	1/15/2004	10/758156	7/26/2005	6921802	Bausch & Lomb Incorporated
METHOD AND MOLD TO CONTROL OPTICAL DEVICE POLYMERIZATION	5/5/2004	10/839495	12/5/2006	7144528	Bausch & Lomb Incorporated
HIGH REFRACTIVE INDEX AROMATIC-BASED SILYL MONOMERS	5/18/2004	10/848305	11/7/2006	7132494	Bausch & Lomb Incorporated
COMPOSITIONS CONTAINING TRIALKANOLAMINE ALKOXYLATED BUFFER	8/26/2004	10/926514	12/8/2009	7629386	Bausch & Lomb Incorporated
DOT RADIAL RINGED PLACIDO	12/16/2004	11/013597	5/22/2007	7219998	Bausch & Lomb Incorporated
HIGH REFRACTIVE INDEX POLYMERIC SILOXYSILANE COMPOSITIONS	1/21/2005	11/041172	11/21/2006	7138440	Bausch & Lomb Incorporated
HIGH REFRACTIVE INDEX POLYMERIC SILOXYSILANE COMPOSITIONS	1/21/2005	11/041175	8/15/2006	7091299	Bausch & Lomb Incorporated
HIGH REFRACTIVE INDEX AROMATIC-BASED	1/31/2005	11/048501	7/11/2006	7074873	Bausch & Lomb Incorporated

Title	Filing Date	Application Number	Issue Date	Patent Number	Owner
PREPOLYMERS					
HIGH REFRACTIVE-INDEX, HYDROPHILIC, ARYLSILOXY-CONTAINING MONOMERS AND POLYMERS, AND OPHTHALMIC DEVICES COMPRISING SUCH POLYMERS	6/15/2005	11/153470	12/15/2009	7632904	Bausch & Lomb Incorporated
CONTACT LENS WITH HIGH-ORDER COMPENSATION FOR NON-AXISYMMETRIC STRUCTURE	12/9/2005	11/164898	2/6/2007	7172285	Bausch & Lomb Incorporated
HIGH REFRACTIVE-INDEX SILOXY-CONTAINING MONOMERS AND POLYMERS, AND OPHTHALMIC DEVICES COMPRISING SUCH POLYMERS	12/16/2005	11/305606	9/9/2008	7423108	Bausch & Lomb Incorporated
CATIONIC HYDROPHILIC SILOXANYL MONOMERS	1/27/2006	11/341208	11/24/2009	7622512	Bausch & Lomb Incorporated
WAVEFRONT SENSOR HAVING MULTI-POWER BEAM MODES, INDEPENDENT ADJUSTMENT CAMERA, AND ACCOMMODATION	3/6/2006	11/369105	12/1/2009	7625089	Bausch & Lomb Incorporated

Title	Filing Date	Application Number	Issue Date	Patent Number	Owner
DATION RANGE MEASUREMENT					
CATIONIC END-CAPPED SILOXANE PREPOLYMER FOR REDUCED CROSS-LINK DENSITY	4/13/2006	11/403393	6/14/2011	7960447	Bausch & Lomb Incorporated
COMPOSITION AND METHOD FOR CLEANING LIPID DEPOSITS ON CONTACT LENSES	5/30/2006	11/442789	10/16/2007	7282178	Bausch & Lomb Incorporated
POLYMERIZABLE SILOXANE-QUATERNARY AMINE COPOLYMERS	6/30/2006	11/479608	12/23/2008	7468397	Bausch & Lomb Incorporated
BUBBLE REDUCTION SYSTEM	11/14/2008	12/271523	12/27/2011	8085392	Bausch & Lomb Incorporated
METHODS AND APPARATUS FOR FACILITATING ELIMINATION OF AMBIENT LIGHT FROM AN IMAGE	11/6/2008	12/266026	10/23/2012	8295635	Bausch & Lomb Incorporated
LENS CARE SOLUTIONS COMPRISING ALKYLDIMONIUM HYDROXYROPYL ALKYLGLUCOSIDES	9/22/2008	12/235171	12/15/2009	7632794	Bausch & Lomb Incorporated
COMPOSITIONS AND METHODS FOR TREATING, REDUCING, AMELIORATING, OR PREVENTING	5/6/2008	12/115914	5/8/2012	8173640	Bausch & Lomb Incorporated

Title	Filing Date	Application Number	Issue Date	Patent Number	Owner
INFECTIONS					
HEATED MOLD TOOLING	3/6/2008	12/043643	4/27/2010	7704417	Bausch & Lomb Incorporated
IRIS PATTERN RECOGNITION AND ALIGNMENT	2/1/2008	12/024415	5/29/2012	8186830	Bausch & Lomb Incorporated
OPHTHALMIC COMPOSITIONS WITH AN AMPHOTERIC SURFACTANT AND AN ANIONIC BIOPOLYMER	1/31/2008	12/023509	8/4/2015	9096819	Bausch & Lomb Incorporated
BIGUANIDE COMPOSITION WITH LOW TERMINAL AMINE	10/2/2007	11/865746	3/1/2011	7897553	Bausch & Lomb Incorporated
EYE ILLUMINATION APPARATUS AND METHOD	8/23/2007	11/844007	4/17/2012	8157378	Bausch & Lomb Incorporated
OPHTHALMIC COMPOSITIONS COMPRISING A BRANCHED GLYCEROL MONOALKYL COMPOUND AND A FATTY ACID MONOESTER	3/26/2007	11/691125	3/2/2010	7670997	Bausch & Lomb Incorporated
TORIC CONTACT LENSES	12/21/2006	11/614503	11/24/2009	7621635	Bausch & Lomb Incorporated
IRIS RECOGNITION AND TRACKING FOR OPTICAL TREATMENT	11/9/2006	11/595386	10/15/2013	8556885	Bausch & Lomb Incorporated
SILOXANE PREPOLYMER CONTAINING PENDANT	11/30/2006	11/565151	5/5/2009	7528208	Bausch & Lomb Incorporated

Title	Filing Date	Application Number	Issue Date	Patent Number	Owner
AND END-CAPPING CATIONIC AND POLYMERIZABLE GROUPS					
CARBOXYLIC TRIS-LIKE SILOXANYL MONOMERS	6/30/2006	11/480053	7/7/2009	7557231	Bausch & Lomb Incorporated
BUBBLE REMOVAL SYSTEM	12/1/2008	12/325353	10/11/2011	8035809	Bausch & Lomb Incorporated
APPARATUS COMPRISING AN OPTICAL PATH DELAY	12/18/2008	12/338100	10/23/2012	8294971	Bausch & Lomb Incorporated
APPARATUS AND METHOD FOR RELEASING A LENS MOLDED IN A CAVITY BETWEEN POSTERIOR AND ANTERIOR MOLD SECTIONS	5/19/2009	12/515440	1/31/2012	8105070	Bausch & Lomb Incorporated
CONTACT LENS SOLUTION WITH A TERTIARY AMINE OXIDE	10/7/2009	12/574732	9/8/2015	9125405	Bausch & Lomb Incorporated
PACKAGING SOLUTIONS	12/18/2009	12/641434	1/21/2014	8631631	Bausch & Lomb Incorporated
PACKAGING SOLUTIONS	12/18/2009	12/641483	9/17/2013	8534031	Bausch & Lomb Incorporated
Brush CoPolymers	12/18/2009	12/641490	4/16/2013	8419792	Bausch & Lomb Incorporated
SYNTHESIS OF CATIONIC SILOXANE PREPOLYMERS	3/3/2011	13/039912	3/20/2012	8138288	Bausch & Lomb Incorporated
OPHTHALMIC SURGERY KITS FOR PRIMING TUBES FOR OPHTHALMIC	4/26/2011	13/093950	10/14/2014	8858492	Bausch & Lomb Incorporated

Title	Filing Date	Application Number	Issue Date	Patent Number	Owner
SURGICAL PROCEDURES					
PROCESS FOR PREPARING VINYL CHLOROFORMATE	6/27/2011	13/169085	9/25/2012	8273914	Bausch & Lomb Incorporated
APPARATUS AND METHOD FOR RELEASING A LENS MOLDED IN A CAVITY BETWEEN POSTERIOR AND ANTERIOR MOLD SECTIONS	12/20/2011	13/331766	9/17/2013	8535044	Bausch & Lomb Incorporated
COMPOSITIONS AND METHODS FOR TREATING, REDUCING, AMELIORATING, OR PREVENTING INFECTIONS	4/3/2012	13/437965	12/18/2012	8334283	Bausch & Lomb Incorporated
BRUSH COPOLYMERS	3/5/2013	13/784941	3/11/2014	8668736	Bausch & Lomb Incorporated
HYDROGEL MONOMER MIX CONTAINING ADDED WATER	8/2/2013	13/957,497	7/12/2016	9389336	Bausch & Lomb Incorporated
CONTACT LENS BLISTER PACKAGE	3/22/2005	29/225,890	5/22/2007	D543103	Bausch & Lomb Incorporated

Reel/Frame: 5/6/2020 Security Interest - Barclays Bank PLC - Reel/Frame 052589/0813

Title	Filing Date	Application Number	Issue Date	Patent Number	Owner
OPHTHALMIC SUSPENSION COMPOSITION	3/23/2020	16/826,366	{7/9/2020}	{20200214977}	Bausch & Lomb Incorporated
METHOD FOR OBTAINING	3/23/2020	16/826,434	{9/17/2020}	{20200292846}	Bausch & Lomb Incorporated

Title	Filing Date	Application Number	Issue Date	Patent Number	Owner
CONTACT LENSES WITH DYNAMICALY CONTROLLED SAGITTA AND CLEARANCE					
OPHTHALMIC DEVICE PACKAGING SOLUTIONS COMPRISING A POLOXAMINE/ERYTHRITOL MIXTURE	5/21/2019	16/418,325	2/22/2022	11253625	Bausch & Lomb Incorporated
PACKAGING SOLUTIONS	1/28/2020	16/774,190	{7/30/2020}	{20200239217}	Bausch & Lomb Incorporated
CROSSLINKED POLYMERIC NETWORK AND USE THEREOF	1/10/2020	16/739,547	{7/30/2020}	{20200239601}	Bausch & Lomb Incorporated
GLYCOPHOSPHOLIPID POLYMERIC NETWORK AND USE THEREOF	3/11/2020	16/815,630	{10/29/2020}	{20200339710}	Bausch & Lomb Incorporated

Reel/Frame: 7/18/2016 Security Interest - Barclays Bank PLC - Reel/Frame 039380/0385

Title	Filing Date	Application Number	Issue Date	Patent Number	Owner
OPHTHALMIC SURGICAL CASSETTE AND SYSTEM	7/2/2012	13/539,886	8/20/2013	8512014	Bausch & Lomb Incorporated
PACKAGING SOLUTIONS	6/14/2013	13/917,734	12/27/2016	9527617	Bausch & Lomb Incorporated
POLYMORPHS OF BRIMONIDINE PAMOATE	3/14/2013	13/826,496	1/28/2014	8637514	Bausch & Lomb Incorporated

Title	Filing Date	Application Number	Issue Date	Patent Number	Owner
POLYMORPHS OF BRIMONIDINE PAMOATE	3/14/2013	13/826,516	1/28/2014	8637515	Bausch & Lomb Incorporated
METHOD FOR PREPARING SUSPENSIONS OF LOW-SOLUBILITY MATERIALS	10/21/2014	14/519,776	10/3/2017	9775802	Bausch & Lomb Incorporated
FLUOROQUINOLONE CARBOXYLIC ACID MOLECULAR CRYSTALS	3/14/2013	13/826,469	12/10/2013	8604020	Bausch & Lomb Incorporated
ETHYLENICALLY UNSATURATED POLYMERIZABLE GROUPS COMPRISING POLYCARBOSILOXANE MONOMERS	3/15/2013	13/841,145	5/26/2015	9039174	Bausch & Lomb Incorporated
STERILE HYALURONIC ACID SOLUTIONS	8/1/2012	13/564,161	9/10/2013	8530641	Bausch & Lomb Incorporated
INTRAOCCULAR LENS	4/1/2010	12/752,466	5/28/2013	8449611	Bausch & Lomb Incorporated
OPHTHALMIC COMPOSITIONS WITH BIGUANIDE AND PEG-GLYCEROL ESTERS	3/28/2011	13/072,998	8/6/2013	8501200	Bausch & Lomb Incorporated
OPHTHALMIC COMPOSITIONS WITH BIGUANIDE AND PEG-GLYCEROL ESTERS	5/3/2013	13/886,571	11/18/2014	8889160	Bausch & Lomb Incorporated
METHOD AND SYSTEM OF MEASURING TORIC LENS AXIS ANGLE	4/28/2010	12/769,015	4/7/2015	8999209	Bausch & Lomb Incorporated

Title	Filing Date	Application Number	Issue Date	Patent Number	Owner
METHOD AND SYSTEM OF MEASURING TORIC LENS AXIS ANGLE	2/25/2015	14/630,700	{6/28/2015}	{20150168251}	Bausch & Lomb Incorporated
PEROXIDE CONTACT LENS CARE SOLUTION	1/24/2011	13/012,018	1/13/2015	8932646	Bausch & Lomb Incorporated
PEROXIDE CONTACT LENS CARE SOLUTION	3/15/2013	13/835,237	11/20/2018	10130733	Bausch & Lomb Incorporated
CONTACT LENS CARE SYSTEM WITH PEROXIDE	7/22/2011	13/189,046	4/21/2015	9011932	Bausch & Lomb Incorporated
CONTACT LENSES HAVING HYBRID ORIENTATION FEATURES	5/25/2012	13/481,041	4/8/2014	8690320	Bausch & Lomb Incorporated
USE OF AN OPTICAL SYSTEM SIMULATING BEHAVIOR OF HUMAN EYE TO GENERATE RETINAL IMAGES AND AN IMAGE QUALITY METRIC TO EVALUATE SAME	7/29/2013	13/952,795	4/7/2015	9001316	Bausch & Lomb Incorporated
METHOD OF MAKING A FULLY POLYMERIZED UV BLOCKING SILICONE HYDROGEL LENS	5/25/2012	13/480,651	{11/28/2013}	{20130313733}	Bausch & Lomb Incorporated
FULLY POLYMERIZED UV BLOCKING SILICONE HYDROGEL LENS	5/25/2012	13/480,648	8/19/2014	8807745	Bausch & Lomb Incorporated
FULLY POLYMERIZED UV BLOCKING SILICONE HYDROGEL LENS	12/20/2012	13/722,054	7/7/2015	9075187	Bausch & Lomb Incorporated
VIBRATING SURGICAL DEVICE FOR REMOVAL OF	9/6/2013	14/020,386	11/22/2016	9498377	Bausch & Lomb Incorporated

Title	Filing Date	Application Number	Issue Date	Patent Number	Owner
VITREOUS AND OTHER TISSUE					
INTRAOCULAR LENS INJECTOR ASSEMBLY INCLUDING A SHUTTLE AND METHOD OF USING SAME	8/18/2017	15/680,698	2/11/2020	10555832	Bausch & Lomb Incorporated
INTRAOCULAR LENS INJECTOR ASSEMBLY INCLUDING A SHUTTLE AND METHOD OF USING SAME	9/7/2012	13/606,362	4/3/2018	9931242	Bausch & Lomb Incorporated
METHOD AND APPARATUS FOR DETERMINING DEPTH OF FOCUS OF AN EYE OPTICAL SYSTEM	10/18/2012	13/655,048	1/13/2015	8931900	Bausch & Lomb Incorporated
IRRIGATION SLEEVE AND PHACOEMULSIFICATION NEEDLE WITH SLEEVE RETENTION FEATURES	10/26/2012	13/661,493	4/17/2018	9943439	Bausch & Lomb Incorporated
OPHTHALMIC MULTIPLE WAVELENGTH LASER ILLUMINATOR WITH A GRAPHICAL USER INTERFACE	11/6/2013	14/072,859	2/20/2018	9895056	Bausch & Lomb Incorporated
SYSTEM AND METHOD OF CALCULATING VISUAL PERFORMANCE OF AN OPHTHALMIC OPTICAL CORRECTION USING	11/7/2012	13/670,968	7/28/2015	9091864	Bausch & Lomb Incorporated

Title	Filing Date	Application Number	Issue Date	Patent Number	Owner
SIMULATION OF IMAGING BY A POPULATION OF EYE OPTICAL SYSTEMS					
HINGELESS CARTRIDGE FOR USE WITH AN INTRAOCULAR LENSE INJECTOR PROVIDING HAPTIC CONTROL	11/9/2012	13/673,330	10/13/2015	9155615	Bausch & Lomb Incorporated
HINGELESS CARTRIDGE FOR USE WITH AN INTRAOCULAR LENSE INJECTOR PROVIDING HAPTIC CONTROL	11/8/2013	14/075,845	1/19/2016	9237947	Bausch & Lomb Incorporated
METHOD OF PREPARING WATER EXTRACTABLE SILICON-CONTAINING BIOMEDICAL DEVICES	12/20/2012	13/722,073	3/3/2015	8967799	Bausch & Lomb Incorporated
POLY(NITROGEN/AMINE) DERIVATIVES OF A NATURAL WAX AND OPHTHALMIC COMPOSITIONS	1/23/2014	14/161,936	3/8/2016	9279095	Bausch & Lomb Incorporated
SYNTHESIS OF FREE RADICAL POLYMERIZABLE ETHYLENICALLY UNSATURATED POLOXAMERS AND POLOXAMINES	6/18/2014	14/308,229	4/12/2016	9309357	Bausch & Lomb Incorporated
LIGHT ABSORBING	1/19/2015	14/415,697	2/2/2016	9249249	Bausch & Lomb Incorporated

Title	Filing Date	Application Number	Issue Date	Patent Number	Owner
COMPOUNDS FOR OPTICAL POLYMERS					
OPHTHALMIC COMPOSITIONS WITH ALKOXYLATED NATURAL WAXES	8/7/2014	14/377,460	6/28/2016	9375401	Bausch & Lomb Incorporated
METHOD AND APPARATUS FOR DELAYING POLYMERIZATION	9/2/2015	14/772,106	{1/21/2016}	{20160017064}	Bausch & Lomb Incorporated
MINIMIZING BIOLOGICAL LIPID DEPOSITS ON CONTACT LENSES	3/12/2015	14/427,928	4/17/2018	9943622	Bausch & Lomb Incorporated
OPHTHALMIC SUSPENSION COMPOSITION	1/26/2016	15/006,525	3/24/2020	10596107	Bausch & Lomb Incorporated
ULTRASONIC NEEDLES AND TRANSDUCER ASSEMBLIES FORMED OF NON-METAL MATERIALS OR A COMBINATION OF MATERIALS	4/20/2015	14/690,791	3/2/2021	10932948	Bausch & Lomb Incorporated
STERILIZATION OF INTRAOCULAR LENSES	11/1/2012	13/666,051	6/17/2014	8753389	Bausch & Lomb Incorporated
HAND HELD MAGNIFIER	10/31/2012	29/436,021	4/15/2014	D702745	Bausch & Lomb Incorporated
HAND HELD MAGNIFIER	10/31/2012	29/436,023	4/15/2014	D702746	Bausch & Lomb Incorporated

Reel/Frame: 3/27/2019 Intellectual Property Security Interest - Barclays Bank PLC - Reel/Frame 048715/0406

Title	Filing Date	Application Number	Issue Date	Patent Number	Owner
PEROXIDE CONTACT LENS CARE SOLUTION	10/11/2018	16/157,209	{2/7/2019}	{20190038795}	Bausch & Lomb Incorporated
OPHTHALMIC VISCOELASTIC COMPOSITIONS	11/16/2018	16/193,537	{5/23/2019}	{20190151500}	Bausch & Lomb Incorporated
METHOD FOR END-CAPPING A POLYSILOXANE PREPOLYMER	1/14/2019	16/246,715	12/22/2020	10870731	Bausch & Lomb Incorporated
DISTANCE DOMINANT INTRAOCULAR LENS	12/26/2018	16/232,725	{8/22/2019}	{20190254810}	Bausch & Lomb Incorporated
OPHTHALMIC DEVICES	8/10/2018	16/100,732	6/2/2020	10668676	Bausch & Lomb Incorporated
HYDROGEL MONOMER MIX CONTAINING ADDED WATER	8/2/2013	13/957497	7/12/2016	9389336	Bausch & Lomb Incorporated

Reel/Frame: 5/1/2017 Security Agreement- Barclays Bank PLC - Reel/Frame 042584/0861

Title	Filing Date	Application Number	Issue Date	Patent Number	Owner
BROMFENAC BIOAVAILABILITY	11/4/2016	15/343,457	10/2/2018	10085958	Bausch & Lomb Incorporated
VIBRATING SURGICAL DEVICE FOR REMOVAL OF VITREOUS AND OTHER TISSUE	10/14/2016	15/293,562	4/27/2021	10987246	Bausch & Lomb Incorporated
CAST MOLDING TORIC CONTACT LENSES	4/27/2016	15/139,513	11/20/2018	10133089	Bausch & Lomb Incorporated
METHOD FOR OBTAINING CONTACT LENSES WITH DYNAMICAL LY	5/26/2016	15/165,044	3/24/2020	10598955	Bausch & Lomb Incorporated

Title	Filing Date	Application Number	Issue Date	Patent Number	Owner
CONTROLLED SAGITTA AND CLEARANCE					
ULTRASONIC SURGICAL ASPIRATION NEEDLE ASSEMBLY WITH MOLDED HUB	4/29/2016	15/142,932	{11/2/2017}	{20170312128}	Bausch & Lomb Incorporated

Reel/Frame: 8/19/2015 Security Agreement - Barclays Bank PLC - Reel/Frame 036400/0711

Title	Filing Date	Application Number	Issue Date	Patent Number	Owner
SYSTEM AND METHOD FOR CREATING A CUSTOMIZED ANATOMICAL MODEL OF AN EYE	3/11/2013	13/792,931	12/22/2015	9216066	Bausch & Lomb Incorporated
SYSTEM AND METHOD FOR FEMTO-FRAGMENTATION OF A CRYSTALLINE LENS	3/12/2013	13/795,641	3/14/2017	9592157	Bausch & Lomb Incorporated
POSTERIOR CAPSULOTOMY USING LASER TECHNIQUES	12/30/2014	14/412,168	9/18/2018	10076445	Bausch & Lomb Incorporated
SYSTEM AND METHOD FOR PERFORMING LENS FRAGMENTATION	3/30/2012	13/436,352	7/21/2020	10716706	Bausch & Lomb Incorporated Technolas Perfect Vision GmbH
CUSTOMIZED CORNEAL PROFILING	2/3/2003	10/110922	7/3/2007	7237898	Technolas Perfect Vision GMBH
LASER VISION CORRECTI	7/27/2002	10/184441	11/9/2004	6814729	Technolas Perfect

ON APPARATUS AND CONTROL METHOD					Vision GMBH
METHOD AND APPARATUS FOR CALCULATING A LASER SHOT FILE FOR USE IN AN EXCIMER LASER	12/19/2013	14/134541	5/2/2017	9636256	Technolas Perfect Vision GMBH
CUSTOMIZED REFRACTIVE CORRECTION	9/30/2002	10/110894	4/4/2006	7022117	Technolas Perfect Vision GMBH
STEPPED MICROKERATOME BLADE HOLDER	3/29/2007	11/729465	4/12/2011	7922736	Technolas Perfect Vision GMBH
COMBINATION OF EXCIMER LASER ABLATION AND FEMTOSECOND LASER TECHNOLOGY	1/28/2011	13/015979	10/15/2013	8556886	Technolas Perfect Vision GMBH
SYSTEM AND METHOD FOR THE TREATMENT OF A PATIENTS EYE WORKING AT HIGH SPEED	2/15/2008	12/063900	11/6/2012	8303578	Technolas Perfect Vision GMBH
SURGICAL LASER UNIT WITH VARIABLE MODES OF OPERATION	4/18/2012	13/450180	4/25/2017	9629750	Technolas Perfect Vision GMBH
SYSTEM AND METHOD FOR PHOTOABLATION USING MULTIPLE FOCAL POINTS	3/7/2007	11/682976	5/18/2010	7717906	Technolas Perfect Vision GMBH

WITH ROTATING BEAM					
APPARATUS AND METHOD FOR PROVIDING A LASER SHOT FILE	4/29/2011	13/098267	5/24/2016	9345620	Technolas Perfect Vision GMBH
SYSTEM AND METHOD WITH REFRACTIVE CORRECTIONS FOR CONTROLLED PLACEMENT OF A LASER BEAM'S FOCAL POINT	3/8/2012	13/415679	8/19/2014	8807752	Technolas Perfect Vision GMBH
DIMENSIONAL COMPENSATOR FOR USE WITH A PATIENT INTERFACE	3/11/2013	13/793396	7/26/2016	9398979	Technolas Perfect Vision GmbH
CORNEA CONTACT SYSTEM FOR LASER SURGERY	5/24/2002	10/155810	5/4/2004	6730074	Technolas Perfect Vision GMBH
METHOD FOR INTRASTROMAL PHOTODISRUPTION OF DOME-SHAPED SURFACES	4/29/2004	10/835087	7/3/2007	7238176	Technolas Perfect Vision GMBH
SYSTEMS AND METHODS FOR INTRASTROMAL SCANNING PATTERNS	11/12/2004	10/987542	2/16/2010	7662148	Technolas Perfect Vision GMBH
SYSTEM AND METHOD FOR POSITIONING A PATIENT FOR LASER SURGERY	3/1/2004	10/790625	7/22/2008	7402159	Technolas Perfect Vision GMBH
BEAM STEERING SYSTEM FOR CORNEAL	4/9/2004	10/821402	11/17/2009	7618415	Technolas Perfect Vision GMBH

LASER SURGERY					
LASER SYSTEM AND METHOD FOR GENERATION OF A PULSE SEQUENCE WITH CONTROLLABLE PARAMETERS AND COMPUTER PROGRAM PRODUCT	8/6/2003	10/635154	10/3/2006	7116688	Technolas Perfect Vision GMBH
TIME-RESOLVED SCANNING PATTERNS FOR INTRASTROMAL SURGERY	11/1/2004	10/978613	5/18/2010	7717905	Technolas Perfect Vision GMBH
DEVICES AND METHODS FOR SEPARATING LAYERS OF MATERIALS HAVING DIFFERENT ABLATION THRESHOLDS	12/17/2004	11/015338	2/22/2011	7892225	Technolas Perfect Vision GMBH
BEAM STEERING SYSTEM FOR CORNEAL LASER SURGERY	2/8/2008	12/028687	2/16/2010	7662147	Technolas Perfect Vision GMBH
SYSTEM AND METHOD FOR PRECISE BEAM POSITIONING IN OCULAR SURGERY	1/19/2007	11/625213	1/3/2012	8088124	Technolas Perfect Vision GMBH
SYSTEM AND METHOD FOR PRECISE BEAM POSITIONING IN OCULAR SURGERY	7/25/2011	13/189723	9/10/2013	8528566	Technolas Perfect Vision GMBH

METHOD FOR INTRASTROMAL REFRACTIVE SURGERY	12/17/2007	11/958202	5/18/2010	7717907	Technolas Perfect Vision GMBH
METHOD PATTERNS FOR INTRASTROMAL REFRACTIVE SURGERY	4/17/2008	12/105195	5/18/2010	7717908	Technolas Perfect Vision GMBH
SYSTEM FOR PERFORMING INTRASTROMAL REFRACTIVE SURGERY	5/14/2010	12/780180	4/2/2013	8409179	Technolas Perfect Vision GMBH
DEVICE AND METHOD FOR ALIGNING AN EYE WITH A SURGICAL LASER	2/25/2005	11/066726	6/24/2008	7390089	Technolas Perfect Vision GMBH
CORNEA CONTACT SYSTEM	10/21/2005	11/256649	6/7/2011	7955324	Technolas Perfect Vision GMBH
MATERIAL PROCESSING SYSTEM WITH VARIABLE REPETITION RATE LASER	7/27/2006	11/460567	1/5/2010	7643521	Technolas Perfect Vision GMBH
FINITE ELEMENT MODELING OF THE CORNEA	1/18/2008	12/016857	11/30/2010	7844425	Technolas Perfect Vision GMBH
COMPUTER CONTROL FOR BIOMECHANICAL ALTERATION OF THE CORNEA	1/18/2008	12/016558	7/3/2014	8740888	Technolas Perfect Vision GMBH
SYSTEM AND METHOD FOR ALTERING INTERNAL STRESS DISTRIBUTIONS TO	4/16/2008	12/104401	5/21/2013	8444633	Technolas Perfect Vision GMBH

RESHAPE A MATERIAL					
SYSTEM AND METHOD FOR STRAY LIGHT COMPENSATION OF CORNEAL CUTS	5/20/2008	12/130937	9/10/2013	8529557	Technolas Perfect Vision GMBH
System and Method for Refractive Surgery with Augmentation by Intrastromal Corrective Procedures	1/27/2009	12/360726	7/30/2013	8496651	Technolas Perfect Vision GMBH
SYSTEM AND METHOD FOR POSTOPERATIVE CAPSULAR BAG CONTROL	12/28/2011	13/338872	7/19/2016	9393155	Technolas Perfect Vision GMBH
SYSTEM AND METHOD FOR EVALUATING A SECONDARY LASIK TREATMENT	12/12/2002	10/318443	9/7/2005	6939342	Technolas Perfect Vision GMBH
CLOSED LOOP CONTROL FOR INTRASTROMAL WAVEFRONT-GUIDED ABLATION	5/3/2005	10/293226	11/13/2002	6887232	Technolas Perfect Vision GMBH
EYE POSITION CONTROL MONITOR FOR LASER VISION CORRECTION	11/20/2003	10/718980	11/22/2005	6966905	Technolas Perfect Vision GMBH

Reel/Frame: 1/21/2021 Security Interest - Barclays Bank PLC - Reel/Frame 054984/0324

Title	Filing Date	Application Number	Issue Date	Patent Number	Owner
AQUEOUS LIQUID COMPOSITION	8/3/2020	16/983,267	{10/19/2020 }	{2020036 0326}	Bausch & Lomb Incorporated

Title	Filing Date	Application Number	Issue Date	Patent Number	Owner
CONTAINING 2-AMINO-3-(4-BROMOBENZOYL)PHENYLACETIC ACID					
METHOD FOR INTRAOCULAR LENS INJECTOR ASSEMBLY HAVING SHUTTLE ASSEMBLY RETAINING INTRAOCULAR LENS IN STORAGE VIAL AND OPERABLY PRESENTING INTRAOCULAR LENS IN INJECTOR ASSEMBLY	6/26/2020	16/913,255	3/22/2022	11278395	Bausch & Lomb Incorporated

Reel/Frame: 8/9/2018 Security Interest - Barclays Bank PLC - Reel/Frame 046616/0261

Title	Filing Date	Application Number	Issue Date	Patent Number	Owner
POSTERIOR CAPSULOTOMY USING LASER TECHNIQUES	1/18/2018	15/874,759	10/8/2019	10434011	Bausch & Lomb Incorporated
POSTERIOR CAPSULOTOMY USING LASER TECHNIQUES	1/18/2018	15/874,773	10/8/2019	10434012	Bausch & Lomb Incorporated
INTRAOCULAR LENS INJECTOR ASSEMBLY HAVING SHUTTLE ASSEMBLY RETAINING INTRAOCULAR LENS IN STORAGE VIAL AND OPERABLY PRESENTING INTRAOCULAR LENS IN INJECTOR ASSEMBLY	9/19/2017	15/708,873	7/28/2020	10722346	Bausch & Lomb Incorporated
ILLUMINATED MAGNIFIER	8/11/2017	29/613,684	3/22/2022	D946800	Bausch & Lomb Incorporated

Title	Filing Date	Application Number	Issue Date	Patent Number	Owner
DISTANCE DOMINANT INTRAOCULAR LENS	2/22/2018	62/633661			Bausch & Lomb Incorporated
INJECTOR ASSEMBLY EMPLOYING COMPRESSED GAS AND A MECHANICAL BRAKE FOR PRESENTING AN INTRAOCULAR LENS TO A PATIENT	3/28/2018	62/649353			Bausch & Lomb Incorporated
OPHTHALMIC VISCOELASTIC COMPOSITIONS	11/22/2017	62/589866			Bausch & Lomb Incorporated
OPHTHALMIC DEVICES		62/530644			Bausch & Lomb Incorporated
HIGH WATER CONTENT OPHTHALMIC DEVICES		62/530659			Bausch & Lomb Incorporated
METHOD FOR END-CAPPING A POLYSILOXANE PREPOLYMER	1/26/2018	62/622346			Bausch & Lomb Incorporated
OPHTHALMIC DEVICES CONTAINING UV BLOCKER AND METHODS FOR THEIR PREPARATION	5/01/2018	62/665148			Bausch & Lomb Incorporated
WATER EXTRACTABLE OPHTHALMIC DEVICES	5/15/2018	62/671569			Bausch & Lomb Incorporated

Reel/Frame: 5/20/2021 Security Interest - Barclays Bank PLC - Reel/Frame 056304/0556

Title	Filing Date	Application Number	Issue Date	Patent Number	Owner
ULTRASONIC NEEDLES AND TRANSDUCER ASSEMBLIES FORMED OF NON-METAL MATERIALS OR A COMBINATION OF MATERIALS	1/26/2021	17/158,562	{5/20/2021}	{20210145639}	Bausch & Lomb Incorporated

GRAFTED POLYMER AND USE THEREOF	9/16/2020	17/022,398	{3/25/2021}	{20210087384}	Bausch + Lomb Ireland Limited (as successor by assignment of assignor interest to Bausch Health Ireland Limited)
MOLDS FOR PRODUCTION OF OPHTHALMIC DEVICES	3/5/2021	63/157130			Bausch + Lomb Ireland Limited
OPHTHALMIC SOLUTIONS		63/159097			Bausch + Lomb Ireland Limited
BIOMEDICAL DEVICES		63/161002			Bausch + Lomb Ireland Limited

Reel/Frame: 8/25/2021 Security Interest - Barclays Bank, PLC - Reel/Frame 057287/0140

Title	Filing Date	Application Number	Issue Date	Patent Number	Owner
ULTRASONIC NEEDLES AND TRANSDUCER ASSEMBLIES FORMED OF NON-METAL MATERIALS OR A COMBINATION OF MATERIALS	1/26/2021	17/158,562	{5/20/2021}	{20210145639}	Bausch & Lomb Incorporated
DIRECT COMPRESSION MOLDED	11/24/2020	17/103,298	{6/3/2021}	{20210162692}	Bausch + Lomb Ireland Limited

OPHTHALMIC DEVICES					
VITRECTOMY CUTTER		17/316117			Bausch + Lomb Ireland Limited
MULTI-FUNCTION IRRIGATION - BAUSCH+ LOMB IRELAND LIMITED ASPIRATION TUBING FOR OCULAR SURGERY DEVICES		17/229114			Bausch + Lomb Ireland Limited
RESONANT NON-SINUSOIDAL DRIVE SIGNALS FOR PHACOEMULSIFICATION SURGERY DEVICES		17/229149			Bausch + Lomb Ireland Limited
PACKAGING SOLUTIONS		63/193325			Bausch + Lomb Ireland Limited
HIGH WATER CONTENT BIOMEDICAL DEVICES		63/217006			Bausch + Lomb Ireland Limited

Reel/Frame: 11/1/2019 Security Interest - Barclays Bank PLC - Reel/Frame 050892/0294

Title	Filing Date	Application Number	Issue Date	Patent Number	Owner
INJECTOR ASSEMBLY EMPLOYING COMPRESSED GAS AND A MECHANICAL BRAKE FOR PRESENTING AN INTRAOCULAR LENS TO A PATIENT	3/26/2019	16/364,968	{10/3/2019}	{20190298512}	Bausch & Lomb Incorporated
DETACHABLE FINGER-ACTIVATED SURGICAL CONTROL DEVICE	6/3/2019	16/429,347			Bausch & Lomb Incorporated

Reel/Frame: 6/21/2021 Security Interest - Barclays Bank PLC - Reel/Frame 056603/0237

Title	Filing Date	Application Number	Issue Date	Patent Number	Owner
OPHTHALMIC DEVICES CONTAINING UV BLOCKER AND METHODS FOR THEIR PREPARATION	3/22/2019	16/361,947	7/20/2021	11066530	Bausch & Lomb Incorporated
WATER EXTRACTABLE OPHTHALMIC DEVICES	4/5/2019	16/376,136	{11/21/2019}	{20190352443}	Bausch & Lomb Incorporated

Reel/Frame: 3/29/2021 Security Interest - Barclays Bank PLC - Reel/Frame 055756/0281

Title	Filing Date	Application Number	Issue Date	Patent Number	Owner
WATER EXTRACTABLE OPHTHALMIC DEVICES	5/17/2019	16/415,281	6/1/2021	11022722	Bausch & Lomb Incorporated
DIRECT COMPRESSION MOLDED OPHTHALMIC DEVICES	11/24/2020	17/103,298	{6/3/2021}	{20210162692}	Bausch + Lomb Ireland Limited
OPHTHALMIC LENS INCLUDING A PERIPHERAL ZONE HAVING AN ADD-POWER OFFSET AND A SPATIALLY-MODULATED OPTICAL PARAMETER	11/4/2020	17/089,233			Bausch + Lomb Ireland Limited
PACKAGING SOLUTIONS (strategic, covers Packaging solution for Crystal daily disposable lens)	8/10/2020	63/063715			Bausch + Lomb Ireland Limited

METHODS FOR TREATING CONJUNCTIVITIS AND/OR COVID-19 USING BENZALKONIUM CHLORIDE		63/092399			Bausch & Lomb Incorporated
OPHTHALMIC NK-1 ANTAGONIST FORMULATIONS		63/120987			Bausch + Lomb Ireland Limited
METHOD FOR MAKING A PRESERVATIVE-FREE PACKAGED OPHTHALMIC DEVICE PRODUCT		63/109790			Bausch + Lomb Ireland Limited
ALLERGY EYE DROP		63/110756			Bausch + Lomb Ireland Limited

Reel/Frame: 034749/0689 as new Reel/Frame for Succession of Agency from Goldman Sachs Lending Partners LLC to Barclays Bank PLC: original Reel/Frames below:

- WHEREAS, the Patent Security Agreements were recorded or filed for recorded with the United States Patent and Trademark Office on (i) July 18, 2011 at Reel/Frame 026605/0801, (ii) July 18, 2011 at Reel/Frame 026606/0061, (iii) July 30, 2012 at Reel/Frame 028680/0874, (iv) July 30, 2012 at Reel/Frame 028680/0866, (v) July 30, 2012 at Reel/Frame 028680/0858, (vi) August 2, 2012 at Reel/Frame 028724/0636, (vii) April 24, 2013 at Reel/Frame 030281/0433, (viii) July 29, 2013 at Reel/Frame 030919/0031, (ix) September 4, 2013 at Reel/Frame 031156/0508, (x) November 1, 2013 at Reel/Frame 031533/0859, (xi) February 7, 2014 at Reel/Frame 032170/0372, (xii) December 3, 2014 at Reel/Frame 034524/0018 and (xiii) December 3, 2014 at Reel/Frame 034524/0006

Title	Filing Date	Application Number	Issue Date	Patent Number	Owner
COMPOSITIONS AND METHODS FOR TREATING, REDUCING, AMELIORATING, OR PREVENTING INFECTIONS	4/3/2012	13/437965	12/18/2012	8334283	Bausch & Lomb Incorporated
COMPOSITIONS AND METHODS FOR TREATING, REDUCING, AMELIORATING, OR PREVENTING	5/6/2008	12/115914	5/8/2012	8173640	Bausch & Lomb Incorporated

INFECTIONS					
QUINOLONE CARBOXYLIC ACID COMPOSITIONS AND RELATED METHODS OF TREATMENT	4/25/2001	09/840871	2/3/2004	6685958	Bausch & Lomb Incorporated
HIGH REFRACTIVE INDEX AROMATIC-BASED Silyl MONOMERS	5/18/2004	10/848305	11/7/2006	7132494	Bausch & Lomb Incorporated
FOOT CONTROLLER INCLUDING MULTIPLE SWITCH ARRANGEMENT WITH HEEL OPERATED DOOR TYPE SWITCH ACTUATOR	12/19/2001	10/025424	2/10/2004	6689975	Bausch & Lomb Incorporated
FOOT CONTROLLER WITH OPHTHALMIC SURGERY INTERLOCK CIRCUIT AND METHOD	12/19/2001	10/025,801	10/28/2003	6639332	Bausch & Lomb Incorporated
HIGH REFRACTIVE INDEX AROMATIC-BASED PREPOLYMERS	1/31/2005	11/048501	7/11/2006	7074873	Bausch & Lomb Incorporated
HIGH REFRACTIVE INDEX AROMATIC-BASED SILOXANE DIFUNCTIONAL MACROMONOMERS	11/2/2001	10/004146	4/20/2004	6723816	Bausch & Lomb Incorporated
HIGH REFRACTIVE INDEX AROMATIC-BASED SILOXANE DIFUNCTIONAL	9/18/2003	10/665946	3/7/2006	7009023	Bausch & Lomb Incorporated

NAL MACROMO NOMERS					
HIGH REFRACTIV E INDEX POLYMERI C SILOXYSILA NE COMPOSITI ONS	11/2/2001	10/003635	1/30/2007	7169874	Bausch & Lomb Incorporated
HIGH REFRACTIV E INDEX POLYMERI C SILOXYSILA NE COMPOSITI ONS	11/2/2001	10/000136	6/21/2005	6908978	Bausch & Lomb Incorporated
HIGH REFRACTIV E INDEX POLYMERI C SILOXYSILA NE COMPOSITI ONS	1/21/2005	11/041175	8/15/2006	7091299	Bausch & Lomb Incorporated
HIGH REFRACTIV E INDEX POLYMERI C SILOXYSILA NE COMPOSITI ONS	1/21/2005	11/041172	11/21/2006	7138440	Bausch & Lomb Incorporated
ASPIRATIO N FLOW METER AND CONTROL	11/30/2001	09/997883	7/29/2003	6599277	Bausch & Lomb Incorporated
HIGH REFRACTIV E INDEX AROMATIC- BASED SILOXANE MONOFUN CTIONAL MACROMO NOMERS	11/2/2001	10/000137	5/4/2004	6730767	Bausch & Lomb Incorporated
COLLECTIO N RESERVOI R FOR USE WITH FLOW METER CONTROL SYSTEM	11/30/2001	09/997901	10/21/2003	6634237	Bausch & Lomb Incorporated
HIGH REFRACTIV E-INDEX SILOXY- CONTAININ G MONOMER	12/16/2005	11/305606	9/9/2008	7423108	Bausch & Lomb Incorporated

S AND POLYMERS, AND OPHTHALMIC DEVICES COMPRISING SUCH POLYMERS					
HIGH REFRACTIVE-INDEX, HYDROPHILIC, ARYLSILOXY-CONTAINING MONOMERS AND POLYMERS, AND OPHTHALMIC DEVICES COMPRISING SUCH POLYMERS	6/15/2005	11/153470	12/15/2009	7632904	Bausch & Lomb Incorporated
OPHTHALMIC SURGERY KITS FOR PRIMING TUBES FOR OPHTHALMIC SURGICAL PROCEDURES	4/26/2011	13/093950	10/14/2014	8858492	Bausch & Lomb Incorporated
POLY(2-OXAZOLINE) BIOMEDICAL DEVICES	12/6/2001	10/008441	7/6/2004	6759496	Bausch & Lomb Incorporated
METHOD AND MOLD TO CONTROL OPTICAL DEVICE POLYMERIZATION	5/5/2004	10/839495	12/5/2006	7144528	Bausch & Lomb Incorporated
OPHTHALMIC ARTICLE INSPECTION SYSTEM	11/30/2001	09/998492	9/7/2004	6788399	Bausch & Lomb Incorporated
CONTACT LENS WITH HIGH-ORDER COMPENSATION FOR NON-AXISYMMETRIC STRUCTURE	12/9/2005	11/164898	2/6/2007	7172285	Bausch & Lomb Incorporated
CONTACT LENS BLISTER PACKAGE	3/22/2005	29/225,890	5/22/2007	D543103	Bausch & Lomb Incorporated

TORIC CONTACT LENSES	12/21/2006	11/614503	11/24/2009	7621635	Bausch & Lomb Incorporated
BUBBLE REDUCTION SYSTEM	11/14/2008	12/271523	12/27/2011	8085392	Bausch & Lomb Incorporated
OPHTHALMIC COMPOSITIONS WITH AN AMPHOTERIC SURFACTANT AND AN ANIONIC BIOPOLYMER	1/31/2008	12/023509	8/4/2015	9096819	Bausch & Lomb Incorporated
PROCESS FOR PREPARING VINYL CHLOROFORMATE	6/27/2011	13/169085	9/25/2012	8273914	Bausch & Lomb Incorporated
WAVEFORM T SENSOR HAVING MULTI-POWER BEAM MODES, INDEPENDENT ADJUSTMENT CAMERA, AND ACCOMMODATION RANGE MEASUREMENT	3/13/2003	10/110929	5/2/2006	7036934	Bausch & Lomb Incorporated
IRIS RECOGNITION AND TRACKING FOR OPTICAL TREATMENT	2/20/2003	10/110892	12/12/2006	7146983	Bausch & Lomb Incorporated
IRIS RECOGNITION AND TRACKING FOR OPTICAL TREATMENT	11/9/2006	11/595386	10/15/2013	8556885	Bausch & Lomb Incorporated
IRIS PATTERN RECOGNITION AND ALIGNMENT	2/1/2008	12/024415	5/29/2012	8186830	Bausch & Lomb Incorporated
ABERRATION CALIBRATION	12/14/2001	10/017349	10/28/2003	6637884	Bausch & Lomb Incorporated

IMAGE REGISTRAT ION SYSTEM AND METHOD	12/19/2002	10/325791	12/2/2003	6658282	Bausch & Lomb Incorporated
CARBOXYLIC TRIS-LIKE SILOXANYL MONOMERS	6/30/2006	11/480053	7/7/2009	7557231	Bausch & Lomb Incorporated
WAVEFRONT SENSOR HAVING MULTI-POWER BEAM MODES, INDEPENDENT ADJUSTMENT CAMERA, AND ACCOMMODATION RANGE MEASUREMENT	3/6/2006	11/369105	12/1/2009	7625089	Bausch & Lomb Incorporated
ANTERIOR CHAMBER DIAMETER MEASUREMENT SYSTEM FROM LIMBAL RING MEASUREMENT	7/30/2001	09/918678	12/14/2004	6830334	Bausch & Lomb Incorporated
METHOD AND APPARATUS FOR CALIBRATING AND CERTIFYING ACCURACY OF A WAVEFRONT SENSING DEVICE	12/11/2001	10/013573	5/25/2004	6739721	Bausch & Lomb Incorporated
OPHTHALMIC DELIVERY DEVICE	10/3/2001	09/970292	6/24/2003	6582422	Bausch & Lomb Incorporated
ABERROMETER ILLUMINATION APPARATUS AND METHOD	12/21/2001	10/027377	5/18/2004	6736509	Bausch & Lomb Incorporated
CONTACT LENS	7/2/2009	29/339,573	5/29/2012	D660893	Bausch & Lomb Incorporated

CONTACT LENS	5/4/2012	29/420,128	11/27/2012	D671580	Bausch & Lomb Incorporated
METHOD FOR ENHANCING INTEGRITY OF EPITHELIUM USING RETINOIC ACID	12/17/2001	10/023,351	9/7/2004	6787131	Bausch & Lomb Incorporated
METHOD FOR ENHANCING INTEGRITY OF EPITHELIUM USING RETINOIC ACID	6/16/2004	10/869,432	8/8/2006	7087222	Bausch & Lomb Incorporated
OBJECTIVE MANIFEST REFRACTION	3/18/2002	10/100,782	10/26/2004	6808266	Bausch & Lomb Incorporated
OBJECTIVE MANIFEST REFRACTION	10/22/2004	10/972,096	4/18/2006	7029119	Bausch & Lomb Incorporated
NUTRITIONAL SUPPLEMENT TO TREAT MACULAR DEGENERATION	1/13/2005	11/034,656	12/10/2013	8603522	Bausch & Lomb Incorporated
PRESBYOPIC VISION IMPROVEMENT	10/18/2002	10/274,677	10/26/2004	6808265	Bausch & Lomb Incorporated
PRESBYOPIC VISION IMPROVEMENT	10/22/2004	10/972,131	10/10/2006	7118214	Bausch & Lomb Incorporated
COMPOSITIONS AND METHODS FOR THE INDUCTION OF RETINAL DETACHMENTS	5/31/2002	10/160,135	11/28/2006	7141610	Bausch & Lomb Incorporated
APPARATUS AND METHOD FOR MAKING INTRAOCULAR LENSES	6/25/2002	10/180,797	9/6/2005	6939486	Bausch & Lomb Incorporated
LOW WATER CONTENT, HIGH REFRACTIVE INDEX,	6/19/2002	10/175,715	2/8/2005	6852793	Bausch & Lomb Incorporated

FLEXIBLE, POLYMERI C COMPOSITI ONS					
SMOOTHLY BLENDED OPTICAL SURFACES	7/31/2002	10/210,708	1/18/2005	6843563	Bausch & Lomb Incorporated
SYSTEM AND METHOD FOR PREDICTIV E OPHTHALMI C CORRECTI ON	12/20/2002	10/327,229	10/31/2006	7130835	Bausch & Lomb Incorporated
METHOD AND APPARATU S RELATING TO THE OPTICAL ZONE OF AN OPTICAL ELEMENT	9/25/2002	10/254,382	11/16/2004	6817714	Bausch & Lomb Incorporated
WAVEFRON T- GENERATE D CUSTOM OPHTHALMI C SURFACES	9/25/2002	10/254,813	9/7/2004	6786603	Bausch & Lomb Incorporated
SPIDER- WEB PLACIDO PATTERN	9/30/2002	10/261,539	12/28/2004	6834959	Bausch & Lomb Incorporated
SINGLE- CURVATUR E PLACIDO PLATE WITH ADDITIONA L SURFACES	12/16/2002	10/320,839	2/1/2005	6848791	Bausch & Lomb Incorporated
SURFACE TREATMEN T OF MEDICAL DEVICE	12/17/2002	10/321,949	10/25/2005	6958169	Bausch & Lomb Incorporated
POSITIVE PATIENT IDENTIFICA TION	3/25/2003	10/397,100	10/14/2008	7436986	Bausch & Lomb Incorporated
BLISTER PACKAGE STORAGE AND DISPENSIN G CONTAIN ER AND METHOD	6/26/2003	10/606,704	7/26/2005	6920974	Bausch & Lomb Incorporated

PRELOADED IOL INJECTOR	3/31/2004	10/813,862	9/9/2008	7422604	Bausch & Lomb Incorporated
PRELOADED IOL INJECTOR	8/28/2003	10/651,785	9/30/2008	7429263	Bausch & Lomb Incorporated
PRELOADED IOL INJECTOR	5/19/2005	11/132,526	8/2/2011	7988701	Bausch & Lomb Incorporated
PRELOADED IOL INJECTOR	7/16/2010	12/837,585	3/8/2016	9277989	Bausch & Lomb Incorporated
NOVEL REACTIVE YELLOW DYES USEFUL FOR OCULAR DEVICES	9/8/2003	10/657,495	8/29/2006	7098283	Bausch & Lomb Incorporated
NOVEL REACTIVE YELLOW DYES USEFUL FOR OCULAR DEVICES	6/21/2006	11/472,235	12/4/2007	7304117	Bausch & Lomb Incorporated
PREPOLYMERS WITH YELLOW DYE MOIETY	9/8/2003	10/657,639	7/19/2005	6918931	Bausch & Lomb Incorporated
PROCESS FOR MANUFACTURING INTRAOCULAR LENSES WITH BLUE LIGHT ABSORPTION CHARACTERISTICS	9/8/2003	10/657,356	10/2/2007	7276544	Bausch & Lomb Incorporated
PERISTALTIC PUMP WITH AIR VENTING VIA THE MOVEMENT OF A PUMP HEAD OR A BACKING PLATE DURING SURGERY	9/29/2003	10/673,859	1/30/2007	7168930	Bausch & Lomb Incorporated
PERISTALTIC PUMP WITH A MOVEABLE PUMP HEAD	9/29/2003	10/673,296	11/4/2008	7445436	Bausch & Lomb Incorporated
PERISTALTIC PUMP FITMENT FOR ATTACHMENT TO AN	9/29/2003	10/674,094	10/20/2009	7604607	Bausch & Lomb Incorporated

ASPIRANT COLLECTIO N BAG					
OPHTHALMI C LENS TRANSPOR TATION AND INSPECTIO N CELL	10/7/2003	10/680,759	7/18/2006	7079239	Bausch & Lomb Incorporated
MULTIFOCA L CONTACT LENS AND METHOD OF MANUFACT URE THEREOF	12/16/2003	10/736,960	5/16/2006	7044597	Bausch & Lomb Incorporated
RAPID SWITCHING SLIT SCAN IMAGE CAPTURE SYSTEM	12/10/2003	10/732,704	3/25/2008	7347549	Bausch & Lomb Incorporated
ASPHERIC LENSES AND LENS FAMILY	10/12/2005	11/248,052	3/15/2011	7905917	Bausch & Lomb Incorporated
ASPHERIC LENSES AND LENS FAMILY	10/28/2010	12/913,863	9/17/2013	8535376	Bausch & Lomb Incorporated
IOL INJECTOR	3/31/2004	10/813,861	9/17/2013	8535331	Bausch & Lomb Incorporated
IOL INJECTOR	3/31/2004	10/813,863	5/24/2011	7947049	Bausch & Lomb Incorporated
OLIGOSAC CHARIDE- CONTAININ G COMPOSITI ONS AND USES THEREOF	5/19/2004	10/848,848	3/20/2007	7192937	Bausch & Lomb Incorporated
POLYMERIZ ABLE SURFACTA NTS AND THEIR USE AS DEVICE FORMING COMONOM ERS	12/22/2004	11/020,541	6/12/2012	8197841	Bausch & Lomb Incorporated
POLYMERIZ ABLE SURFACTA NTS AND THEIR USE AS DEVICE FORMING COMONOM ERS	2/27/2012	13/405,604	2/19/2013	8377464	Bausch & Lomb Incorporated
NON- CIRCULAR PORTED PHACOEMU LSIFICATIO	12/20/2004	11/017,586	10/9/2012	8282594	Bausch & Lomb Incorporated

N IRRIGATION SLEEVE					
SMALL INCISION INTRAOCUL AR LENS WITH ANTI- PCO FEATURE	12/29/2004	11/025,405	8/4/2009	7569073	Bausch & Lomb Incorporated
SMALL INCISION INTRAOCUL AR LENS WITH ANTI- PCO FEATURE	6/30/2009	12/494,489	4/26/2011	7931686	Bausch & Lomb Incorporated
CORE LOCKING ASSEMBLY AND METHOD FOR ORIENTATI ON OF ASYMMETR IC TOOLING	12/30/2004	11/027,381	9/8/2009	7585167	Bausch & Lomb Incorporated
CORE LOCKING ASSEMBLY AND METHOD FOR ORIENTATI ON OF ASYMMETR IC TOOLING	7/30/2009	12/512,293	5/3/2011	7935280	Bausch & Lomb Incorporated
OPHTHALMI C FORMULATI ONS AND USES THEREO	6/7/2005	11/146,652	2/12/2013	8372814	Bausch & Lomb Incorporated
OPHTHALMI C FORMULATI ONS AND USES THEREOF	2/9/2012	13/369,452	6/10/2014	8748402	Bausch & Lomb Incorporated
COMPOSITI ON FOR TREATING DRY EYE AND RELATED METHODS OF MANUFACT URE AND METHODS OF USE	3/28/2006	11/391,056	2/14/2012	8114420	Bausch & Lomb Incorporated
AROMATIC- BASED POLYSILOX ANE PREPOLYM ERS AND OPHTHALMI C DEVICES	4/1/2005	11/096,455	10/9/2007	7279538	Bausch & Lomb Incorporated

PRODUCED THEREFROM					
HIGH REFRACTIVE-INDEX, HYDROPHILIC MONOMERS AND POLYMERS, AND OPHTHALMIC DEVICES COMPRISING SUCH POLYMERS	5/27/2005	11/139,276	2/24/2009	7495061	Bausch & Lomb Incorporated
HIGH REFRACTIVE-INDEX, HYDROPHILIC MONOMERS AND POLYMERS, AND OPHTHALMIC DEVICES COMPRISING SUCH POLYMERS	11/19/2008	12/273,624	8/24/2010	7781496	Bausch & Lomb Incorporated
NOVEL SYSTEM FOR SYNTHESIS OF DEVICE FORMING MONOMERS	6/21/2006	11/471,991	6/29/2010	7745564	Bausch & Lomb Incorporated
MULTI-COMPONENT ACCOMMODATIVE INTRAOCULAR LENS WITH COMPRESSIBLE HAPTIC	7/1/2005	11/173,704	9/22/2009	7591849	Bausch & Lomb Incorporated
ONLINE WAVEFRONT MEASUREMENT AND DISPLAY	8/16/2006	10/565,703	5/4/2010	7708411	Bausch & Lomb Incorporated
CORNEAL TOPOGRAPHY SLIT IMAGE ALIGNMENT VIA ANALYSIS OF HALF-SLIT IMAGE ALIGNMENT	7/21/2005	11/186,733	10/16/2007	7281799	Bausch & Lomb Incorporated
SYSTEM AND METHOD	8/16/2006	10/550,437	12/23/2008	7467869	Bausch & Lomb Incorporated

FOR ACQUIRING DATA AND ALIGNING AND TRACKING OF AN EYE					
SILICON-CONTAINING MONOMERS END-CAPPED WITH POLYMERIZABLE CATIONIC HYDROPHILIC GROUPS	1/27/2006	11/341,209	7/20/2010	7759408	Bausch & Lomb Incorporated
TORIC CONTACT LENSES	12/21/2006	11/614,514	4/1/2014	8684521	Bausch & Lomb Incorporated
SILOXANE PREPOLYMER CONTAINING PENDANT CATIONIC AND POLYMERIZABLE GROUPS	12/15/2006	11/611,508	9/9/2014	8828420	Bausch & Lomb Incorporated
PROCESS FOR MAKING CATIONIC HYDROPHILIC SILOXANYL MONOMERS	12/15/2006	11/611,512	11/2/2010	7825273	Bausch & Lomb Incorporated
PROCESS FOR MAKING CATIONIC HYDROPHILIC SILOXANYL MONOMERS	9/24/2010	12/890,019	11/4/2014	8877829	Bausch & Lomb Incorporated
PRODUCTION LINE CONTROL USING SHIFT REGISTERS FOR CONTACT LENS MANUFACTURE	6/16/2006	10/583,494	4/29/2008	7366580	Bausch & Lomb Incorporated
METHOD AND APPARATUS FOR ONLINE CONTACT LENS	2/2/2007	10/565,877	8/10/2010	7771053	Bausch & Lomb Incorporated

EVALUATION					
OPHTHALMIC SURGICAL CASSETTE AND SYSTEM	6/5/2007	11/758,048	11/6/2012	8303542	Bausch & Lomb Incorporated
APPARATUS AND METHOD FOR DETERMINING A POSITION OF AN EYE	9/27/2006	11/528,130	1/20/2009	7478908	Bausch & Lomb Incorporated
HYDROPHILIC SILOXANYL MONOMERS WITH PENDANT POLYMERIZABLE GROUPS	7/31/2007	11/830,885	8/24/2010	7781558	Bausch & Lomb Incorporated
OPHTHALMIC COMPOSITIONS CONTAINING DIGLYCINE	10/17/2007	11/873,703	3/20/2012	8138156	Bausch & Lomb Incorporated
GROOVED ASPIRATION PUMP ROLLER-HEAD ASSEMBLY	10/23/2006	11/585,045	7/9/2013	8480625	Bausch & Lomb Incorporated
METHOD OF INSERTING AN INTRAOCULAR LENSE	10/20/2006	11/584,024	11/18/2014	8888845	Bausch & Lomb Incorporated
PHACOEMULSIFICATION CANNULA WITH IMPROVED PURCHASE	11/10/2006	11/595,545	12/18/2012	8333741	Bausch & Lomb Incorporated
OPTICAL CALIBRATION SYSTEM AND METHOD	12/13/2006	11/610,059	12/28/2010	7859677	Bausch & Lomb Incorporated
CORNEAL MEASUREMENT APPARATUS AND A METHOD OF USING THE SAME	12/12/2007	11/955,001	1/19/2010	7648241	Bausch & Lomb Incorporated
CORNEAL MEASUREMENT APPARATUS HAVING A	12/11/2007	11/954,160	3/1/2011	7896497	Bausch & Lomb Incorporated

SEGMENTED APERTURE AND A METHOD OF USING THE SAME					
METHOD OF TREATING INFLAMMATION OF THE EYE	12/13/2007	11/955,418	2/9/2010	7659259	Bausch & Lomb Incorporated
MULTI-ELEMENT ACCOMMODATIVE INTRAOCULAR LENSE	12/20/2007	11/961,420	12/24/2013	8613766	Bausch & Lomb Incorporated
SYNTHESIS OF CATIONIC SILOXANE PREPOLYMERS	1/24/2008	12/018,910	5/31/2011	7951897	Bausch & Lomb Incorporated
METHOD AND APPARATUS FOR DETERMINING THE VISUAL ACUITY OF AN EYE	5/13/2008	12/093,500	2/2/2010	7654674	Bausch & Lomb Incorporated
COMPOSITIONS AND METHODS FOR TREATING, REDUCING, AMELIORATING, OR PREVENTING INFECTIONS CAUSED BY ANTIBACTERIAL DRUG-RESISTANT BACTERIA	3/19/2008	12/051,289	1/20/2015	8937062	Bausch & Lomb Incorporated
OPHTHALMIC COMPOSITION WITH HYALURONIC ACID AND POLYMERIC BIGUANIDE	4/25/2008	12/109,599	6/24/2014	8759321	Bausch & Lomb Incorporated
METHOD AND APPARATUS FOR EXTRAPOLATING DIAGNOSTIC DATA	6/27/2007	11/823,401	6/3/2014	8740381	Bausch & Lomb Incorporated

SILICONE HYDROGEL WITH COMPOSITE HYDROPHILIC AND SILICONE POLYMERS PREPARED WITH SELECTIVE CROSSLINK AGENTS	7/8/2008	12/168,943	3/8/2011	7901073	Bausch & Lomb Incorporated
CROSSLINK AGENTS	1/11/2011	13/004,228	8/28/2012	8252850	Bausch & Lomb Incorporated
CROSSLINK AGENTS AND DUAL RADICAL CURE POLYMER	7/8/2008	12/168,944	11/8/2011	8053489	Bausch & Lomb Incorporated
CROSSLINK AGENTS AND DUAL RADICAL CURE POLYMER	9/12/2011	13/230,024	1/8/2013	8349912	Bausch & Lomb Incorporated
APPARATUS AND METHOD FOR SEALING A LIDSTOCK TO A CONTAINER	9/9/2008	12/282,174	11/16/2010	7832188	Bausch & Lomb Incorporated
PACKAGING SOLUTIONS	10/23/2007	11/876,862	7/23/2013	8490782	Bausch & Lomb Incorporated
MOLDS FOR PRODUCTION OF OPHTHALMIC DEVICES	10/31/2007	11/931,205	9/11/2012	8262952	Bausch & Lomb Incorporated
HIGH WATER CONTENT SILICONE HYDROGELS	11/10/2008	12/267,660	5/3/2011	7934830	Bausch & Lomb Incorporated
EYE LENGTH MEASUREMENT APPARATUS	12/11/2007	11/954,146	9/21/2010	7800759	Bausch & Lomb Incorporated
ABERRATOR HAVING REDUCED NOISE	12/12/2007	11/955,003	1/25/2011	7874674	Bausch & Lomb Incorporated
RECESSED ELECTRODES FOR SENSING FLOW IN	12/17/2007	11/957,841	11/23/2010	7837660	Bausch & Lomb Incorporated

OPHTHALMIC SURGICAL SYSTEM					
AIR SEPARATOR FOR OPHTHALMIC SURGICAL SYSTEM	12/13/2007	11/955,638	5/11/2010	7712360	Bausch & Lomb Incorporated
ASPIRATION FLOW MEASUREMENT SYSTEM WITH FLOW SIGNAL AIR BUBBLE FILTER	11/13/2008	12/270,209	11/22/2011	8061216	Bausch & Lomb Incorporated
OPHTHALMIC INSTRUMENT ALIGNMENT APPARATUS AND METHOD OF USING SAME	12/15/2008	12/334,896	11/17/2015	9186059	Bausch & Lomb Incorporated
METHOD OF FORMING A BIOMEDICAL DEVICE INCLUDING AN OPHTHALMIC DEVICE	12/19/2008	12/339,745	12/14/2010	7850878	Bausch & Lomb Incorporated
PACKAGING SOLUTIONS	10/27/2008	12/258,916	11/23/2010	7837934	Bausch & Lomb Incorporated
HIGH WATER CONTENT OPHTHALMIC DEVICES	1/8/2009	12/350,262	3/20/2012	8138290	Bausch & Lomb Incorporated
HIGH WATER CONTENT OPHTHALMIC DEVICES	2/10/2012	13/370,364	3/5/2013	8389597	Bausch & Lomb Incorporated
OPHTHALMIC COMPOSITIONS WITH AN AMPHOTERIC SURFACTANT AND HYALURONIC ACID	9/3/2008	12/203,384	2/21/2012	8119112	Bausch & Lomb Incorporated
POLYSILOXANES AND POLYSILOXANE PREPOLYMERS WITH VINYL OR	3/5/2008	12/042,378	8/24/2010	7781554	Bausch & Lomb Incorporated

EPOXY FUNCTIONALITY					
THIN IOL	3/18/2009	11/719,471	1/19/2016	9237946	Bausch & Lomb Incorporated
OPHTHALMIC COMPOSITIONS COMPRISING A DIPEPTIDE	3/25/2008	12/054,577	1/14/2014	8629099	Bausch & Lomb Incorporated
PHARMACEUTICAL FORMULATIONS COMPRISING STABILIZED POLYSACCHARIDES AND SOURCE OF HYDROGEN PEROXIDE	5/19/2009	12/468,136	11/1/2016	9481856	Bausch & Lomb Incorporated
IOL INJECTOR COMPRISING A MOVEABLE SIDE WALL	7/9/2008	12/170,061	2/24/2015	8961601	Bausch & Lomb Incorporated
BESIFLOXACIN OPHTHALMIC COMPOSITION FOR THE TREATMENT OR CONTROL OF INFECTION	10/23/2009	12/604,422	4/9/2013	8415342	Bausch & Lomb Incorporated
EYE MEASUREMENT APPARATUS AND METHODS OF USING SAME	11/5/2008	12/264,965	1/10/2012	8092024	Bausch & Lomb Incorporated
METHOD AND APPARATUS FOR MAKING AND PROCESSING ABERRATION MEASUREMENTS	11/6/2008	12/266,019	8/28/2012	8254724	Bausch & Lomb Incorporated
POLYMORPHS OF BRIMONIDINE	10/23/2009	12/604,427	10/11/2011	8034813	Bausch & Lomb Incorporated

NE PAMOATE					
POLYMORPHS OF BRIMONIDINE PAMOATE	9/15/2011	13/233,052	4/16/2013	8420648	Bausch & Lomb Incorporated
OPHTHALMIC SURGICAL CASSETTES FOR OPHTHALMIC SURGERY	11/14/2008	12/270,998	4/7/2015	8998864	Bausch & Lomb Incorporated
FLOW CONTROL SYSTEM BASED ON LEAKAGE	12/8/2008	12/329,863	4/24/2012	8162919	Bausch & Lomb Incorporated
SYSTEM FOR OPERATING AND CONTROLLING A PNEUMATICALLY DRIVEN VITRECTOMY PROBE	12/8/2008	12/329,872	12/11/2012	8328835	Bausch & Lomb Incorporated
DEVICE FOR COLLECTION OF ASPIRATED FLUIDS	12/11/2008	12/332,853	8/20/2013	8512302	Bausch & Lomb Incorporated
METHOD AND APPARATUS FOR PERFORMING REMOTE CALIBRATION VERIFICATION	12/17/2008	12/336,893	2/22/2011	7895011	Bausch & Lomb Incorporated
SYSTEM TO IDENTIFY VISCOSITY OF ASPIRATED MATERIAL DURING OPHTHALMIC SURGERY	12/19/2008	12/339,374	10/7/2014	8854221	Bausch & Lomb Incorporated
CONTROLLING BEAM INTENSITY IN AN OPHTHALMIC FIBER OPTIC ILLUMINATION SYSTEM USING	12/22/2008	12/341,484	7/30/2013	8498512	Bausch & Lomb Incorporated

ROTATABLE PLATE ARRAYS					
VARIABLE FREQUENCY PHACOEMULSIFICATION HANDPIECE	12/22/2008	12/341,427	5/14/2013	8439938	Bausch & Lomb Incorporated
FLUOROQUINOLONE CARBOXYLIC ACID MOLECULAR CRYSTALS	3/12/2010	12/723,047	7/9/2013	8481526	Bausch & Lomb Incorporated
BIOMEDICAL DEVICES	6/16/2009	12/456,419	10/25/2011	8043369	Bausch & Lomb Incorporated
BIOMEDICAL DEVICES	9/7/2011	13/226,691	12/25/2012	8337551	Bausch & Lomb Incorporated
BIOMEDICAL DEVICES	6/16/2009	12/456,420	12/27/2011	8083348	Bausch & Lomb Incorporated
BIOMEDICAL DEVICES	6/16/2009	12/456,421	3/13/2012	8133960	Bausch & Lomb Incorporated
BIOMEDICAL DEVICES	6/16/2009	12/456,423	3/15/2016	9285508	Bausch & Lomb Incorporated
FAST ALGORITHM FOR STREAMING WAVEFRONT	8/4/2010	12/866,122	11/19/2013	8588487	Bausch & Lomb Incorporated
MONOETHYLENICALLY UNSATURATED POLYMERIZABLE GROUP CONTAINING POLYCARBOSILOXANE MONOMERS	7/8/2010	12/832,174	4/16/2013	8420711	Bausch & Lomb Incorporated
MONOETHYLENICALLY UNSATURATED POLYCARBOSILOXANE MONOMERS	7/9/2009	12/499,854	8/9/2011	7994356	Bausch & Lomb Incorporated
MONOETHYLENICALLY UNSATURATED POLYMERIZABLE	3/1/2013	13/781,880	9/9/2014	8827447	Bausch & Lomb Incorporated

GROUP CONTAINING POLYCARBOSILOXANE MONOMERS					
MONOETHYLENICALLY UNSATURATED POLYCARBOSILOXANE MONOMERS	7/9/2009	12/499,853	3/29/2011	7915323	Bausch & Lomb Incorporated
ILLUMINATION DEVICE AND METHOD OF USE FOR OPHTHALMIC SURGERY	8/26/2010	12/868,777	10/16/2012	8287525	Bausch & Lomb Incorporated
CONTACT LENS	7/13/2010	12/835,048	6/11/2013	8461226	Bausch & Lomb Incorporated
STERILE HYALURONIC ACID SOLUTIONS	2/9/2010	12/702,540	10/9/2012	8283463	Bausch & Lomb Incorporated
PNEUMATIC SURGICAL INSTRUMENT DETECTION SYSTEM	12/29/2010	12/980,733	3/26/2013	8403917	Bausch & Lomb Incorporated
ERGONOMIC HAND-OPERABLE FLUID-DISPENSING DEVICE	2/1/2011	13/018,889	11/17/2015	9186690	Bausch & Lomb Incorporated
BEPOSTASTINE COMPOSITIONS	5/2/2012	13/462,466	8/11/2020	10736841	Bausch & Lomb Incorporated
SYSTEM AND METHOD FOR PERFORMING LENS FRAGMENTATION	3/30/2012	13/436,352	7/21/2020	10716706	Bausch & Lomb Incorporated
APPARATUS AND METHODS FOR ILLUMINATING SUBSTANCES USING COLOR TO ACHIEVE VISUAL CONTRAST	5/16/2011	13/108,483	9/16/2014	8838212	Bausch & Lomb Incorporated

PHARMACEUTICAL COMPOSITIONS COMPRISING MUSHROOM-BASED POLYSACCHARIDES AND USES THEREOF	5/10/2012	13/468,125	10/14/2014	8859525	Bausch & Lomb Incorporated
BROMFENAC BIOAVAILABILITY	10/11/2012	13/649,271	12/13/2016	9517220	Bausch & Lomb Incorporated
OPHTHALMIC COMPOSITIONS CONTAINING DIGLYCINE	2/6/2012	13/366,398	3/4/2014	8664180	Bausch & Lomb Incorporated
OPHTHALMIC PHARMACEUTICAL COMPOSITIONS AND METHODS OF MAKING AND USING SAME	1/11/2013	13/739,018	3/8/2016	9278132	Bausch & Lomb Incorporated
VITREORETINAL TAMPONADES BASED ON FLUOROSILICONE FLUIDS	9/19/2002	10/247,452	3/9/2004	6703378	Bausch & Lomb Incorporated
EYEWEAR MAGNIFYING LOUPE	3/20/2003	10/393,634	7/20/2004	6764176	Bausch & Lomb Incorporated
OPHTHALMIC COMPOSITIONS CONTAINING DIGLYCINE	2/6/2012	13/366,399	12/4/2012	8324171	Bausch & Lomb Incorporated
STERILIZATION OF INTRAOCULAR LENSES	12/7/2009	12/631,901	12/11/2012	8329097	Bausch & Lomb Incorporated
CONTACT LENS CASE	3/12/2009	29/333,572	5/25/2010	D616198	Bausch & Lomb Incorporated
METHOD FOR INHIBITING THE DEPOSITION OF PROTEIN ON CONTACT LENS	Apr 30, 1997	08/846403	Aug 1, 2000	6096138	Bausch & Lomb Incorporated

OPHTHALMIC MICROSURGICAL SYSTEM HAVING COLOR SENSOR FOR CASSETTE IDENTIFICATION	Aug 28, 1997	08/919604	Jul 11, 2000	6086598	Bausch & Lomb Incorporated
OPHTHALMIC ASPIRATION SYSTEM WITH SELECTABLE VENT METHOD	Oct 15, 1998	09/173451	Jul 4, 2000	6083195	Bausch & Lomb Incorporated
CONTACT LENS PACKAGE	Dec 15, 1998	09/211764	Jul 4, 2000	6082533	Bausch & Lomb Incorporated
ELECTRICAL GROUND FAULT DETECTION APPARATUS	Jun 9, 1995	08/488918	Jun 27, 2000	6081122	Bausch & Lomb Incorporated
DEVICE AND METHOD FOR MAPPING THE TOPOGRAPHY OF AN EYE USING ELEVATION MEASUREMENTS IN COMBINATION WITH SLOPE MEASUREMENTS	Apr 24, 1997	08/841534	Jun 27, 2000	6079831	Bausch & Lomb Incorporated
METHOD FOR IDENTIFYING CHARACTERISTICS OF CONTACT LENSES	Apr 2, 1998	09/054133	Jun 27, 2000	6079826	Bausch & Lomb Incorporated
METHOD AND APPARATUS FOR DETECTING PACKAGES IN CARTON	Dec 22, 1997	08/996129	Jun 6, 2000	6072172	Bausch & Lomb Incorporated
TREATMENT OF CONTACT LENSES WITH SUPERCRITICAL FLUID	Sep 23, 1997	08/936944	Jun 6, 2000	6071439	Bausch & Lomb Incorporated

LENS HYDRATION APPARATUS AND METHOD	Sep 3, 1998	09/146367	May 30, 2000	6068798	Bausch & Lomb Incorporated
MODES/SURGICAL FUNCTIONS	Aug 28, 1997	08/919602	Apr 25, 2000	6055458	Bausch & Lomb Incorporated
SURGICAL HANDPIECE	Aug 28, 1997	08/919735	Apr 18, 2000	6051011	Bausch & Lomb Incorporated
TIP FORMATION FOR INSERTING A FLEXIBLE MEMBRANE INTO AN EYE	Jul 10, 1998	09/113308	Apr 18, 2000	6051000	Bausch & Lomb Incorporated
CURRENT COMPENSATION SYSTEM FOR DRIVING ELECTRIC MOTOR	Sep 26, 1998	09/161255	Mar 28, 2000	6043623	Bausch & Lomb Incorporated
NOVEL FLUORINATED ORGANIC COMPOUNDS, OPHTHALMOLOGICAL APPLICATIONS THEREOF AND METHOD FOR MAKING SAME	Feb 26, 1998	09/029486	Mar 21, 2000	6040485	Bausch & Lomb Incorporated
METHOD AND COMPOSITION FOR REWETTING AND PREVENTING DEPOSITS ON CONTACT LENSES	Dec 22, 1998	09/218505	Mar 14, 2000	6037328	Bausch & Lomb Incorporated
METHOD AND APPARATUS FOR SEPARATING CONTACT LENS MOLD SECTIONS	Nov 4, 1997	08/964169	Mar 7, 2000	6033603	Bausch & Lomb Incorporated
VITRECTOMY TIMING DEVICE WITH	Aug 22, 1997	08/918711	Jan 4, 2000	6010496	Bausch & Lomb Incorporated

MICROCONTROLLER WITH PROGRAMMABLE TIMERS					
MAGNIFIER STAND	Oct 23, 1998	09/177639	Dec 7, 1999	5999340	Bausch & Lomb Incorporated
SURGICAL SYSTEM PROVIDING AUTOMATIC RECONFIGURATION	Aug 28, 1997	08/919608	Dec 7, 1999	5997528	Bausch & Lomb Incorporated
SILICONE-CONTAINING MACROMONOMERS AND LOW WATER MATERIALS	Dec 7, 1998	09/206470	Nov 9, 1999	5981675	Bausch & Lomb Incorporated
SILICONE-CONTAINING PREPOLYMERS AND LOW WATER MATERIALS	Apr 29, 1998	09/069785	Nov 9, 1999	5981669	Bausch & Lomb Incorporated
CONTACT LENS AND METHOD FOR MAKING THE SAME	Jun 25, 1997	08/882622	Nov 2, 1999	5975694	Bausch & Lomb Incorporated
METHOD FOR BLOCKING A CONTACT LENS BUTTON	Oct 1, 1997	08/941719	Oct 26, 1999	5972251	Bausch & Lomb Incorporated
THERMOPLASTIC SILICONE-CONTAINING HYDROGELS	May 15, 1998	09/079780	Oct 19, 1999	5969076	Bausch & Lomb Incorporated
INJECTION MOLDING PROCESS FOR ROTATIONALLY ASYMMETRIC CONTACT LENS SURFACES	Jun 9, 1998	09/095703	Oct 19, 1999	5968422	Bausch & Lomb Incorporated
METHOD FOR PROVIDING RAPID DISINFECTION OF	Oct 23, 1997	08/956514	Oct 12, 1999	5965088	Bausch & Lomb Incorporated

CONTACT LENSES					
MONOMERS USEFUL FOR CONTACT LENS MATERIALS	Aug 10, 1998	09/131756	Sep 28, 1999	5959117	Bausch & Lomb Incorporated
METHOD FOR POLYMERIZING CONTACT LENSES HAVING UV ABSORBING PROPERTIES	May 15, 1998	09/079783	Aug 31, 1999	5945465	Bausch & Lomb Incorporated
METHOD AND APPARATUS FOR INSERTING A FLEXIBLE MEMBRANE INTO AN EYE	Sep 26, 1996	08/721349	Aug 31, 1999	5944725	Bausch & Lomb Incorporated
METHOD FOR LATHING A LENS	Sep 9, 1998	09/146366	Aug 3, 1999	5931068	Bausch & Lomb Incorporated
INTRAOCULAR LENS	Jun 13, 1997	08/874753	Jul 27, 1999	5928282	Bausch & Lomb Incorporated
BIMODULUS CONTACT LENS ARTICLE	Dec 11, 1996	08/764657	Jul 13, 1999	5923397	Bausch & Lomb Incorporated
METHOD FOR MAKING CONTACT LENSES HAVING UV ABSORBING PROPERTIES	May 15, 1998	09/079781	Jun 22, 1999	5914355	Bausch & Lomb Incorporated
NUMERIC KEYPAD SIMULATED ON TOUCHSCREEN	Aug 28, 1997	08/919607	Jun 8, 1999	5910139	Bausch & Lomb Incorporated
MONOMERIC UNITS USEFUL FOR REDUCING THE MODULUS OF SILICONE HYDROGELS	Oct 10, 1997	08/947490	Jun 1, 1999	5908906	Bausch & Lomb Incorporated
METHOD AND APPARATUS	Jun 7, 1995	08/476917	Mar 23, 1999	5885279	Bausch & Lomb Incorporated

S FOR PREVENTING POSTERIOR CAPSULAR OPACIFICATION					
SCLEROTOMY IMPLANT	Dec 11, 1996	08/750502	Mar 9, 1999	5879319	Bausch & Lomb Incorporated
SURGICAL HANDPIECE	Aug 28, 1997	08/920307	Feb 23, 1999	5873885	Bausch & Lomb Incorporated
DEVICE FOR INSERTING A FLEXIBLE INTRAOCULAR LENS	Oct 30, 1997	08/961231	Feb 23, 1999	5873879	Bausch & Lomb Incorporated
SINGLE-CURVATURE PLACIDO PLATE	Apr 24, 1997	08/841140	Jan 26, 1999	5864383	Bausch & Lomb Incorporated
TREATMENT OF CONTACT LENSES WITH AQUEOUS SOLUTION INCLUDING PHOSPHONIC COMPOUNDS	Feb 6, 1997	08/795116	Jan 12, 1999	5858937	Bausch & Lomb Incorporated
PNEUMATIC CONTROLS FOR OPHTHALMIC SURGICAL SYSTEM	May 23, 1995	08/448642	Jan 12, 1999	5857485	Bausch & Lomb Incorporated
METHOD OF CAST MOLDING CONTACT LENSES	Aug 1, 1996	08/695197	Dec 1, 1998	5843346	Bausch & Lomb Incorporated
METHOD FOR LABELING PACKAGES	Dec 11, 1997	08/989017	Dec 1, 1998	5842325	Bausch & Lomb Incorporated
ASPHERIC MULTIFOCAL CONTACT LENS HAVING CONCENTRIC FRONT SURFACE	Nov 22, 1996	08/755084	Nov 10, 1998	5835187	Bausch & Lomb Incorporated
CONTACT LENSES PROVIDING IMPROVED VISUAL ACUITY	Dec 5, 1996	08/760789	Sep 29, 1998	5815239	Bausch & Lomb Incorporated

CONTACT LENS AND METHOD FOR MAKING THE SAME	May 14, 1997	08/856472	Sep 29, 1998	5815237	Bausch & Lomb Incorporated
CONTACT LENS AND METHOD FOR MAKING THE SAME	Jun 27, 1997	08/884079	Sep 29, 1998	5815236	Bausch & Lomb Incorporated
PROCESS FOR PRODUCING A STERILE PREDNISOLONE GEL	Nov 27, 1996	08/696873	Sep 22, 1998	5811417	Bausch & Lomb Incorporated
TIP FORMATION FOR INSERTING A FLEXIBLE MEMBRANE INTO AN EYE	Oct 7, 1996	08729768	Sep 22, 1998	5810834	Bausch & Lomb Incorporated
OPHTHALMIC COMPOSITIONS INCLUDING GLYCERIN AND PROPYLENE GLYCOL	Jan 29, 1997	08/794690	Sep 1, 1998	5800807	Bausch & Lomb Incorporated
VACUUM SYSTEM AND A METHOD OF OPERATING A VACUUM SYSTEM	Jun 12, 1996	08/662115	Aug 18, 1998	5795328	Bausch & Lomb Incorporated
TREATMENT OF CONTACT LENSES WITH AN AQUEOUS SOLUTION INCLUDING SULFOBETAINES COMPOUNDS	Jan 30, 1997	08/795048	Jun 16, 1998	5765579	Bausch & Lomb Incorporated
SUSPENSION OF LOTEPREDNOL ETABONATE FOR EAR, EYE, OR NOSE TREATMENT	Jul 29, 1996	08/688157	May 5, 1998	5747061	Bausch & Lomb Incorporated

APPARATUS FOR ROTATIONALLY ALIGNING A FEATURE OF AN OPTICAL TOOL WITH A GATE IN AN INJECTION MOLDING APPARATUS	Sep 6, 1996	08/709370	Mar 31, 1998	5733585	Bausch & Lomb Incorporated
METHOD FOR INCREASING HYDROPHILICITY OF CONTACT LENSES	Jun 11, 1996	08/661803	Mar 10, 1998	5726733	Bausch & Lomb Incorporated
FLUID COLLECTION CASSETTE IDENTIFICATION SCHEME	Sep 11, 1996	08/712035	Feb 17, 1998	5718238	Bausch & Lomb Incorporated
MONOMERIC UNITS USEFUL FOR REDUCING THE MODULUS OF LOW WATER POLYMERIC SILICONE COMPOSITIONS	Nov 12, 1996	08745537	Feb 3, 1998	5714557	Bausch & Lomb Incorporated
METHOD FOR WETTING CONTACT LENSES	Feb 21, 1995	08391748	Jan 27, 1998	5711823	Bausch & Lomb Incorporated
MONOMERIC UNITS USEFUL FOR REDUCING THE MODULES OF SILICONE HYDROGELS	Nov 12, 1996	08/745538	Jan 20, 1998	5710302	Bausch & Lomb Incorporated
POLYBUTADIENE-BASED COMPOSITIONS FOR CONTACT LENSES	Dec 17, 1996	08/768748	Jan 13, 1998	5708094	Bausch & Lomb Incorporated
OPHTHALMIC LENS WITH REDUCED	Aug 8, 1994	08/287637	Dec 2, 1997	5693093	Bausch & Lomb Incorporated

EDGE GLARE					
METHOD FOR TREATING PLASTIC MOLD PIECES	Oct 13, 1994	08/322661	Oct 28, 1997	5681510	Bausch & Lomb Incorporated
APPARATU S FOR PREPARIN G AN INTRAOCUL AR LENS FOR INSERTION	Mar 9, 1993	08/028281	Aug 5, 1997	5653715	Bausch & Lomb Incorporated
UREA AND URETHANE MONOMER S FOR CONTACT LENS MATERIALS	May 16, 1995	08442447	Jul 15, 1997	5648515	Bausch & Lomb Incorporated
UREA AND URETHANE MONOMER S FOR CONTACT LENS MATERIALS	May 16, 1995	08442216	Jun 17, 1997	5639908	Bausch & Lomb Incorporated
VACUUM SYSTEM AND A METHOD OF OPERATIN G A VACUUM SYSTEM	Oct 28, 1994	08/330920	Apr 29, 1997	5624394	Bausch & Lomb Incorporated
ORGANOSI LICON- CONTAININ G MATERIALS USEFUL FOR BIOMEDICA L DEVICES	Apr 8, 1993	08/045459	Apr 1, 1997	5616757	Bausch & Lomb Incorporated
METHOD OF CAST MOLDING TORIC CONTACT LENSES	Jun 7, 1995	08/484046	Mar 18, 1997	5611970	Bausch & Lomb Incorporated
NOVEL VINYL CARBONAT E AND VINYL CARBAMAT E CONTACT LENS MATERIAL MONOMER S	May 25, 1995	08/450510	Mar 11, 1997	5610252	Bausch & Lomb Incorporated
COMPOSITI ON FOR CLEANING AND	Jun 6, 1995	08/468603	Feb 18, 1997	5604189	Bausch & Lomb Incorporated

WETTING CONTACT LENSES					
METHOD FOR MOLDING CONTACT LENSES	Oct 5, 1993	08/134131	Feb 11, 1997	5601759	Bausch & Lomb Incorporated
UREA URETHANE MONOMERS FOR CONTACT LENS MATERIALS	May 16, 1995	08/441904	Jan 14, 1997	5594085	Bausch & Lomb Incorporated
OPHTHALMIC SOLUTION FOR ARTIFICIAL TEARS	Jan 31, 1995	08/380931	Jan 7, 1997	5591426	Bausch & Lomb Incorporated
METHOD OF MAKING AN INTRAOCULAR LENS WITH RESILIENT HAPTICS	Aug 31, 1994	08/299231	Dec 10, 1996	5582778	Bausch & Lomb Incorporated
METHOD OF PURIFYING PERFLUOROCARBONS, AND USE OF THE PERFLUOROCARBONS THUS PURIFIED	Nov 3, 1994	08/290833	Oct 8, 1996	5563306	Bausch & Lomb Incorporated
NOVEL MACROMONOMERS	Nov 2, 1994	08/333441	Oct 8, 1996	5563184	Bausch & Lomb Incorporated
PNEUMATIC CONTROLS FOR OPHTHALMIC SURGICAL SYSTEM	May 23, 1995	08/449408	Aug 27, 1996	5549139	Bausch & Lomb Incorporated
SUSPENSION OF LOTEPRDNOL ETABONATE FOR EAR, EYE, OR NOSE TREATMENT	Oct 25, 1993	08/142743	Jul 30, 1996	5540930	Bausch & Lomb Incorporated
WETTABLE SILICONE HYDROGEL COMPOSITIONS AND METHODS FOR THEIR	Nov 2, 1993	08/145847	Sep 19, 1995	5451617	Bausch & Lomb Incorporated

MANUFACTURE					
CLEANING HYDROPHILIC CONTACT LENSES BY ELECTROCHEMICAL MEANS	Dec 30, 1993	08/175883	Sep 19, 1995	5451303	Bausch & Lomb Incorporated
METHOD AND APPARATUS FOR PREVENTING POSTERIOR CAPSULAR OPACIFICATION	Sep 7, 1994	08/301465	Aug 29, 1995	5445637	Bausch & Lomb Incorporated
METHOD AND APPARATUS FOR PREVENTING POSTERIOR CAPSULAR OPACIFICATION	Dec 6, 1993	08/162688	Aug 29, 1995	5445636	Bausch & Lomb Incorporated
ASPHERIC MULTIFOCAL CONTACT LENS	Sep 30, 1993	08/129919	Jul 25, 1995	5436678	Bausch & Lomb Incorporated
FUMARAMIDE SILOXANE HYDROGEL COMPOSITIONS	Aug 24, 1994	08/295966	May 30, 1995	5420324	Bausch & Lomb Incorporated
PNEUMATIC CONTROLS FOR OPHTHALMIC SURGICAL SYSTEM	Sep 27, 1993	08/127921	May 23, 1995	5417246	Bausch & Lomb Incorporated
FLUOROSILICONE HYDROGELS	Jan 18, 1994	08/183220	Feb 7, 1995	5387662	Bausch & Lomb Incorporated
SURFACE WETTABLE SILICONE HYDROGELS	Aug 3, 1994	08/285473	Feb 7, 1995	5387632	Bausch & Lomb Incorporated
METHOD AND APPARATUS FOR THE DRY RELEASE OF A COMPLIANT OPHTHALMIC ARTICLE	Sep 13, 2011	13/231500	Jul 17, 2012	8221659	Bausch & Lomb Incorporated

FROM A MOLD SURFACE					
INTRAOCULAR LENS INJECTOR APPARATUS AND METHODS OF USE	Jan 12, 2011	13/005220	Aug 28, 2012	8252053	Bausch & Lomb Incorporated
Amorphous Besifloxacin Solid	Nov 30, 2010	12/956009	Aug 27, 2013	8518935	Bausch & Lomb Incorporated
SYSTEMS AND METHODS FOR DELIVERING LIGHT TO A SURGICAL SITE	Oct 4, 2010	12/897035	May 14, 2013	8439903	Bausch & Lomb Incorporated
OPTICAL MATERIAL AND METHOD FOR MODIFYING THE REFRACTIVE INDEX	Jul 30, 2010	12/846950	Dec 25, 2012	8337553	Bausch & Lomb Incorporated
POLYMERIC QUATERNARY COMPOUNDS	Apr 13, 2010	12/758860	Jan 8, 2013	8349303	Bausch & Lomb Incorporated
Brush Copolymers	Dec 18, 2009	12/641473	Jun 4, 2013	8454689	Bausch & Lomb Incorporated
METHODS OF DESIGNING LENSES HAVING SELECTED DEPTHS OF FIELD	Dec 18, 2009	12/641440	Dec 11, 2012	8331048	Bausch & Lomb Incorporated
RENEWABLE POLYMERIC LENS COATING	Dec 18, 2009	12/641422	Feb 19, 2013	8377126	Bausch & Lomb Incorporated
QUINOLONE CARBOXYLIC ACIDS, DERIVATIVES THEREOF, AND METHODS OF MAKING AND USING SAME	Sep 17, 2009	12/561283	Aug 28, 2012	8252783	Bausch & Lomb Incorporated
TRIFLUOROVINYL AROMATIC CONTAININ	Apr 9, 2009	12/421056	Jun 12, 2012	8198375	Bausch & Lomb Incorporated

G POLY(ALKYL ETHER) PREPOLYM ERS					
APPARATU S AND METHOD FOR CONTROLLI NG A VACUUM SOURCE TO ESTABLISH FLUID FLOW	Nov 21, 2008	12/275875	May 14, 2013	8439874	Bausch & Lomb Incorporated
METHACRY LATE- BASED BULKY SIDE-CHAIN SILOXANE CROSS LINKERS FOR OPTICAL MEDICAL DEVICES	Nov 10, 2008	12/267633	Aug 21, 2012	8246168	Bausch & Lomb Incorporated
Method for Modifying the Refractive Index of Ocular Tissues	Jun 26, 2008	12/146976	Jul 16, 2013	8486055	University of Rochester
PERFLUOR OCYCLOBU TANE COPOLYME RS	Jun 2, 2008	12/131434	May 22, 2012	8183325	Bausch & Lomb Incorporated
SURGICAL SYSTEM HAVING MEANS FOR PRESSURIZ ING VENTING VALVE	Dec 20, 2007	11/961293	Aug 21, 2012	8246579	Bausch & Lomb Incorporated
QUINOLON E CARBOXYLI C ACIDS, DERIVATIV ES THEREOF, AND METHODS OF MAKING AND USING SAME	Sep 28, 2007	11/864016	Jul 24, 2012	8227597	Bausch & Lomb Incorporated
APPARATU S AND METHODS FOR LOADING OF AN IOL INJECTOR	12/22/2005	11/316460	Jul 2, 2013	8475526	BAUSCH & LOMB INCORPOR ATED

APPARATUS AND METHODS FOR LOADING OF AN IOL INJECTOR	4/1/2009	11/719898	Aug 21, 2012	8246631	BAUSCH & LOMB INCORPORATED
--	----------	-----------	--------------	---------	----------------------------

Reel/Frame: 11/23/2021 Security Interest - Barclays Bank PLC - Reel/Frame 058205/0843

Title	Filing Date	Application Number	Issue Date	Patent Number	Owner
OPHTHALMIC DEVICES		63/239246			BAUSCH + LOMB IRELAND LIMITED
CONTACT LENS PACKAGING		17/462962			BAUSCH + LOMB IRELAND LIMITED
OPHTHALMIC DEVICES		63/239343			BAUSCH + LOMB IRELAND LIMITED
OPHTHALMIC DEVICES		63/239344			BAUSCH + LOMB IRELAND LIMITED
PACKAGING SOLUTIONS	8/10/2021	17398556			BAUSCH + LOMB IRELAND LIMITED
CONTACT LENS PACKAGING		17/397496			BAUSCH & LOMB INCORPORATED

Annex I

The below schedule is related to Reel/Frame: 034749/0689 (a Succession of Agency from Goldman Sachs Lending Partners LLC To Barclays Bank PLC). The original reel/frames and the corresponding patents are below (i-xiii)

- WHEREAS, the Patent Security Agreements were recorded or filed for recorded with the United States Patent and Trademark Office on (i) July 18, 2011 at Reel/Frame 026605/0801, (ii) July 18, 2011 at Reel/Frame 026606/0061, (iii) July 30, 2012 at Reel/Frame 028680/0874, (iv) July 30, 2012 at Reel/Frame 028680/0866, (v) July 30, 2012 at Reel/Frame 028680/0858, (vi) August 2, 2012 at Reel/Frame 028724/0636, (vii) April 24, 2013 at Reel/Frame 030281/0433, (viii) July 29, 2013 at Reel/Frame 030919/0031, (ix) September 4, 2013 at Reel/Frame 031156/0508, (x) November 1, 2013 at Reel/Frame 031533/0859, (xi) February 7, 2014 at

- (i) July 18, 2011 at Reel/Frame 026605/0801,
- (ii) July 18, 2011 at Reel/Frame 026606/0061,
- (iii) July 30, 2012 at Reel/Frame 028680/0874,
- (iv) July 30, 2012 at Reel/Frame 028680/0866,
- (v) July 30, 2012 at Reel/Frame 028680/0858,
- (vi) August 2, 2012 at Reel/Frame 028724/0636,
- (vii) April 24, 2013 at Reel/Frame 030281/0433,
- (viii) July 29, 2013 at Reel/Frame 030919/0031,
- (ix) September 4, 2013 at Reel/Frame 031156/0508,

Title	Filing Date	Application Number	Issue Date	Patent Number	Owner
FOOT CONTROLLER WITH OPHTHALMIC SURGERY INTERLOCK CIRCUIT AND METHOD	12/19/2001	10/025,801	10/28/2003	6639332	Bausch & Lomb Incorporated
HIGH REFRACTIVE INDEX POLYMERIC SILOXYSILANE COMPOSITIONS	11/2/2001	10/000136	6/21/2005	6908978	Bausch & Lomb Incorporated
CONTACT LENS WITH HIGH-ORDER COMPENSATION FOR NON-AXISYMMETRIC STRUCTURE	12/9/2005	11/164898	2/6/2007	7172285	Bausch & Lomb Incorporated
HIGH REFRACTIVE INDEX POLYMERIC SILOXYSILA	1/21/2005	11/041172	11/21/2006	7138440	Bausch & Lomb Incorporated

Title	Filing Date	Application Number	Issue Date	Patent Number	Owner
NE COMPOSITIONS					
HIGH REFRACTIVE INDEX AROMATIC-BASED SILYL MONOMERS	5/18/2004	10/848305	11/7/2006	7132494	Bausch & Lomb Incorporated
COMPOSITIONS AND METHODS FOR TREATING, REDUCING, AMELIORATING, OR PREVENTING INFECTIONS	4/3/2012	13/437965	12/18/2012	8334283	Bausch & Lomb Incorporated
COMPOSITIONS AND METHODS FOR TREATING, REDUCING, AMELIORATING, OR PREVENTING INFECTIONS	5/6/2008	12/115914	5/8/2012	8173640	Bausch & Lomb Incorporated
QUINOLONE CARBOXYLIC ACID COMPOSITIONS AND RELATED METHODS OF TREATMENT	4/25/2001	09/840871	2/3/2004	6685958	Bausch & Lomb Incorporated
FOOT CONTROLLER INCLUDING MULTIPLE SWITCH ARRANGEMENT WITH HEEL OPERATED DOOR TYPE SWITCH ACTUATOR	12/19/2001	10/025424	2/10/2004	6689975	Bausch & Lomb Incorporated
HIGH REFRACTIVE INDEX AROMATIC-BASED	1/31/2005	11/048501	7/11/2006	7074873	Bausch & Lomb Incorporated

Title	Filing Date	Application Number	Issue Date	Patent Number	Owner
PREPOLYMERS					
HIGH REFRACTIVE INDEX AROMATIC-BASED SILOXANE DIFUNCTIONAL MACROMONOMERS	11/2/2001	10/004146	4/20/2004	6723816	Bausch & Lomb Incorporated
HIGH REFRACTIVE INDEX AROMATIC-BASED SILOXANE DIFUNCTIONAL MACROMONOMERS	9/18/2003	10/665946	3/7/2006	7009023	Bausch & Lomb Incorporated
HIGH REFRACTIVE INDEX POLYMERIC SILOXYSILANE COMPOSITIONS	11/2/2001	10/003635	1/30/2007	7169874	Bausch & Lomb Incorporated
HIGH REFRACTIVE INDEX POLYMERIC SILOXYSILANE COMPOSITIONS	1/21/2005	11/041175	8/15/2006	7091299	Bausch & Lomb Incorporated
ASPIRATION FLOW METER AND CONTROL	11/30/2001	09/997883	7/29/2003	6599277	Bausch & Lomb Incorporated
HIGH REFRACTIVE INDEX AROMATIC-BASED SILOXANE MONOFUNCTIONAL MACROMONOMERS	11/2/2001	10/000137	5/4/2004	6730767	Bausch & Lomb Incorporated
COLLECTION RESERVOIR FOR USE WITH FLOW METER CONTROL SYSTEM	11/30/2001	09/997901	10/21/2003	6634237	Bausch & Lomb Incorporated
HIGH REFRACTIVE-INDEX	12/16/2005	11/305606	9/9/2008	7423108	Bausch & Lomb Incorporated

Title	Filing Date	Application Number	Issue Date	Patent Number	Owner
SILOXY-CONTAINING MONOMERS AND POLYMERS, AND OPHTHALMIC DEVICES COMPRISING SUCH POLYMERS					
HIGH REFRACTIVE-INDEX, HYDROPHILIC, ARYLSILOXY-CONTAINING MONOMERS AND POLYMERS, AND OPHTHALMIC DEVICES COMPRISING SUCH POLYMERS	6/15/2005	11/153470	12/15/2009	7632904	Bausch & Lomb Incorporated
OPHTHALMIC SURGERY KITS FOR PRIMING TUBES FOR OPHTHALMIC SURGICAL PROCEDURES	4/26/2011	13/093950	10/14/2014	8858492	Bausch & Lomb Incorporated
POLY(2-OXAZOLINE) BIOMEDICAL DEVICES	12/6/2001	10/008441	7/6/2004	6759496	Bausch & Lomb Incorporated
METHOD AND MOLD TO CONTROL OPTICAL DEVICE POLYMERIZATION	5/5/2004	10/839495	12/5/2006	7144528	Bausch & Lomb Incorporated
OPHTHALMIC ARTICLE INSPECTION SYSTEM	11/30/2001	09/998492	9/7/2004	6788399	Bausch & Lomb Incorporated
CONTACT LENS BLISTER PACKAGE	3/22/2005	29/225,890	5/22/2007	D543103	Bausch & Lomb Incorporated
TORIC CONTACT LENSES	12/21/2006	11/614503	11/24/2009	7621635	Bausch & Lomb Incorporated

Title	Filing Date	Application Number	Issue Date	Patent Number	Owner
BUBBLE REDUCTION SYSTEM	11/14/2008	12/271523	12/27/2011	8085392	Bausch & Lomb Incorporated
OPHTHALMIC COMPOSITIONS WITH AN AMPHOTERIC SURFACTANT AND AN ANIONIC BIOPOLYMER	1/31/2008	12/023509	8/4/2015	9096819	Bausch & Lomb Incorporated
PROCESS FOR PREPARING VINYL CHLOROFORMATE	6/27/2011	13/169085	9/25/2012	8273914	Bausch & Lomb Incorporated
WAVEFORM T SENSOR HAVING MULTI-POWER BEAM MODES, INDEPENDENT ADJUSTMENT CAMERA, AND ACCOMMODATION RANGE MEASUREMENT	3/13/2003	10/110929	5/2/2006	7036934	Bausch & Lomb Incorporated
IRIS RECOGNITION AND TRACKING FOR OPTICAL TREATMENT	2/20/2003	10/110892	12/12/2006	7146983	Bausch & Lomb Incorporated
IRIS RECOGNITION AND TRACKING FOR OPTICAL TREATMENT	11/9/2006	11/595386	10/15/2013	8556885	Bausch & Lomb Incorporated
IRIS PATTERN RECOGNITION AND ALIGNMENT	2/1/2008	12/024415	5/29/2012	8186830	Bausch & Lomb Incorporated
ABERRATION CALIBRATION	12/14/2001	10/017349	10/28/2003	6637884	Bausch & Lomb Incorporated

Title	Filing Date	Application Number	Issue Date	Patent Number	Owner
IMAGE REGISTRATION SYSTEM AND METHOD	12/19/2002	10/325791	12/2/2003	6658282	Bausch & Lomb Incorporated
CARBOXYLIC TRIS-LIKE SILOXANYL MONOMERS	6/30/2006	11/480053	7/7/2009	7557231	Bausch & Lomb Incorporated
WAVEFRONT SENSOR HAVING MULTI-POWER BEAM MODES, INDEPENDENT ADJUSTMENT CAMERA, AND ACCOMMODATION RANGE MEASUREMENT	3/6/2006	11/369105	12/1/2009	7625089	Bausch & Lomb Incorporated
ANTERIOR CHAMBER DIAMETER MEASUREMENT SYSTEM FROM LIMBAL RING MEASUREMENT	7/30/2001	09/918678	12/14/2004	6830334	Bausch & Lomb Incorporated
METHOD AND APPARATUS FOR CALIBRATING AND CERTIFYING ACCURACY OF A WAVEFRONT SENSING DEVICE	12/11/2001	10/013573	5/25/2004	6739721	Bausch & Lomb Incorporated
OPHTHALMIC DELIVERY DEVICE	10/3/2001	09/970292	6/24/2003	6582422	Bausch & Lomb Incorporated
ABERRATION ILLUMINATION APPARATUS AND METHOD	12/21/2001	10/027377	5/18/2004	6736509	Bausch & Lomb Incorporated

Title	Filing Date	Application Number	Issue Date	Patent Number	Owner
CONTACT LENS	7/2/2009	29/339,573	5/29/2012	D660893	Bausch & Lomb Incorporated
NOVEL REACTIVE YELLOW DYES USEFUL FOR OCULAR DEVICES	9/8/2003	10/657,495	8/29/2006	7098283	Bausch & Lomb Incorporated
METHOD FOR ENHANCING INTEGRITY OF EPITHELIUM USING RETINOIC ACID	12/17/2001	10/023,351	9/7/2004	6787131	Bausch & Lomb Incorporated
METHOD FOR ENHANCING INTEGRITY OF EPITHELIUM USING RETINOIC ACID	6/16/2004	10/869,432	8/8/2006	7087222	Bausch & Lomb Incorporated
OBJECTIVE MANIFEST REFRACTION	3/18/2002	10/100,782	10/26/2004	6808266	Bausch & Lomb Incorporated
OBJECTIVE MANIFEST REFRACTION	10/22/2004	10/972,096	4/18/2006	7029119	Bausch & Lomb Incorporated
NUTRITIONAL SUPPLEMENT TO TREAT MACULAR DEGENERATION	1/13/2005	11/034,656	12/10/2013	8603522	Bausch & Lomb Incorporated
PRESBYOPIC VISION IMPROVEMENT	10/18/2002	10/274,677	10/26/2004	6808265	Bausch & Lomb Incorporated
PRESBYOPIC VISION IMPROVEMENT	10/22/2004	10/972,131	10/10/2006	7118214	Bausch & Lomb Incorporated
APPARATUS AND METHOD FOR MAKING INTRAOCULAR LENSES	6/25/2002	10/180,797	9/6/2005	6939486	Bausch & Lomb Incorporated
LOW WATER CONTENT, HIGH	6/19/2002	10/175,715	2/8/2005	6852793	Bausch & Lomb Incorporated

Title	Filing Date	Application Number	Issue Date	Patent Number	Owner
REFRACTIVE INDEX, FLEXIBLE, POLYMERIC COMPOSITIONS					
SMOOTHLY BLENDED OPTICAL SURFACES	7/31/2002	10/210,708	1/18/2005	6843563	Bausch & Lomb Incorporated
SYSTEM AND METHOD FOR PREDICTIVE OPHTHALMIC CORRECTION	12/20/2002	10/327,229	10/31/2006	7130835	Bausch & Lomb Incorporated
METHOD AND APPARATUS RELATING TO THE OPTICAL ZONE OF AN OPTICAL ELEMENT	9/25/2002	10/254,382	11/16/2004	6817714	Bausch & Lomb Incorporated
WAVEFRONT-GENERATED CUSTOM OPHTHALMIC SURFACES	9/25/2002	10/254,813	9/7/2004	6786603	Bausch & Lomb Incorporated
SPIDER-WEB PLACIDO PATTERN	9/30/2002	10/261,539	12/28/2004	6834959	Bausch & Lomb Incorporated
SINGLE-CURVATURE PLACIDO PLATE WITH ADDITIONAL SURFACES	12/16/2002	10/320,839	2/1/2005	6848791	Bausch & Lomb Incorporated
SURFACE TREATMENT OF MEDICAL DEVICE	12/17/2002	10/321,949	10/25/2005	6958169	Bausch & Lomb Incorporated
POSITIVE PATIENT IDENTIFICATION	3/25/2003	10/397,100	10/14/2008	7436986	Bausch & Lomb Incorporated
BLISTER PACKAGE STORAGE AND DISPENSING	6/26/2003	10/606,704	7/26/2005	6920974	Bausch & Lomb Incorporated

Title	Filing Date	Application Number	Issue Date	Patent Number	Owner
CONTAINER AND METHOD					
PRELOADED IOL INJECTOR	3/31/2004	10/813,862	9/9/2008	7422604	Bausch & Lomb Incorporated
PRELOADED IOL INJECTOR	8/28/2003	10/651,785	9/30/2008	7429263	Bausch & Lomb Incorporated
PRELOADED IOL INJECTOR	5/19/2005	11/132,526	8/2/2011	7988701	Bausch & Lomb Incorporated
PRELOADED IOL INJECTOR	7/16/2010	12/837,585	3/8/2016	9277989	Bausch & Lomb Incorporated
NOVEL REACTIVE YELLOW DYES USEFUL FOR OCULAR DEVICES	6/21/2006	11/472,235	12/4/2007	7304117	Bausch & Lomb Incorporated
PREPOLYMERS WITH YELLOW DYE MOIETY	9/8/2003	10/657,639	7/19/2005	6918931	Bausch & Lomb Incorporated
PERISTALTIC PUMP WITH AIR VENTING VIA THE MOVEMENT OF A PUMP HEAD OR A BACKING PLATE DURING SURGERY	9/29/2003	10/673,859	1/30/2007	7168930	Bausch & Lomb Incorporated
PERISTALTIC PUMP WITH A MOVEABLE PUMP HEAD	9/29/2003	10/673,296	11/4/2008	7445436	Bausch & Lomb Incorporated
PERISTALTIC PUMP FITMENT FOR ATTACHMENT TO AN ASPIRANT COLLECTION BAG	9/29/2003	10/674,094	10/20/2009	7604607	Bausch & Lomb Incorporated
OPHTHALMIC LENS TRANSPORTATION AND INSPECTION CELL	10/7/2003	10/680,759	7/18/2006	7079239	Bausch & Lomb Incorporated
MULTIFOCAL CONTACT LENS AND METHOD	12/16/2003	10/736,960	5/16/2006	7044597	Bausch & Lomb Incorporated

Title	Filing Date	Application Number	Issue Date	Patent Number	Owner
OF MANUFACTURE THEREOF					
RAPID SWITCHING SLIT SCAN IMAGE CAPTURE SYSTEM	12/10/2003	10/732,704	3/25/2008	7347549	Bausch & Lomb Incorporated
ASPHERIC LENSES AND LENS FAMILY	10/12/2005	11/248,052	3/15/2011	7905917	Bausch & Lomb Incorporated
ASPHERIC LENSES AND LENS FAMILY	10/28/2010	12/913,863	9/17/2013	8535376	Bausch & Lomb Incorporated
IOL INJECTOR	3/31/2004	10/813,861	9/17/2013	8535331	Bausch & Lomb Incorporated
IOL INJECTOR	3/31/2004	10/813,863	5/24/2011	7947049	Bausch & Lomb Incorporated
OLIGOSACCHARIDE-CONTAINING COMPOSITIONS AND USES THEREOF	5/19/2004	10/848,848	3/20/2007	7192937	Bausch & Lomb Incorporated
POLYMERIZABLE SURFACTANTS AND THEIR USE AS DEVICE FORMING COMONOMERS	12/22/2004	11/020,541	6/12/2012	8197841	Bausch & Lomb Incorporated
POLYMERIZABLE SURFACTANTS AND THEIR USE AS DEVICE FORMING COMONOMERS	2/27/2012	13/405,604	2/19/2013	8377464	Bausch & Lomb Incorporated
NON-CIRCULAR PORTED PHACOEMULSIFICATION IRRIGATION SLEEVE	12/20/2004	11/017,586	10/9/2012	8282594	Bausch & Lomb Incorporated
SMALL INCISION INTRAOCULAR LENS WITH ANTIPCO FEATURE	12/29/2004	11/025,405	8/4/2009	7569073	Bausch & Lomb Incorporated

Title	Filing Date	Application Number	Issue Date	Patent Number	Owner
SMALL INCISION INTRAOCULAR LENS WITH ANTI-PCO FEATURE	6/30/2009	12/494,489	4/26/2011	7931686	Bausch & Lomb Incorporated
CORE LOCKING ASSEMBLY AND METHOD FOR ORIENTATION OF ASYMMETRIC TOOLING	12/30/2004	11/027,381	9/8/2009	7585167	Bausch & Lomb Incorporated
CORE LOCKING ASSEMBLY AND METHOD FOR ORIENTATION OF ASYMMETRIC TOOLING	7/30/2009	12/512,293	5/3/2011	7935280	Bausch & Lomb Incorporated
COMPOSITION FOR TREATING DRY EYE AND RELATED METHODS OF MANUFACTURE AND METHODS OF USE	3/28/2006	11/391,056	2/14/2012	8114420	Bausch & Lomb Incorporated
AROMATIC-BASED POLYSILOXANE PREPOLYMERS AND OPHTHALMIC DEVICES PRODUCED THEREFROM	4/1/2005	11/096,455	10/9/2007	7279538	Bausch & Lomb Incorporated
HIGH REFRACTIVE-INDEX, HYDROPHILIC MONOMERS AND POLYMERS, AND OPHTHALMIC DEVICES COMPRISING SUCH POLYMERS	5/27/2005	11/139,276	2/24/2009	7495061	Bausch & Lomb Incorporated

Title	Filing Date	Application Number	Issue Date	Patent Number	Owner
HIGH REFRACTIVE-INDEX, HYDROPHILIC MONOMERS AND POLYMERS, AND OPHTHALMIC DEVICES COMPRISING SUCH POLYMERS	11/19/2008	12/273,624	8/24/2010	7781496	Bausch & Lomb Incorporated
NOVEL SYSTEM FOR SYNTHESIS OF DEVICE FORMING MONOMERS	6/21/2006	11/471,991	6/29/2010	7745564	Bausch & Lomb Incorporated
MULTI-COMPONENT ACCOMMODATIVE INTRAOCULAR LENS WITH COMPRESSIBLE HAPTIC	7/1/2005	11/173,704	9/22/2009	7591849	Bausch & Lomb Incorporated
ONLINE WAVEFRONT MEASUREMENT AND DISPLAY	8/16/2006	10/565,703	5/4/2010	7708411	Bausch & Lomb Incorporated
CORNEAL TOPOGRAPHY SLIT IMAGE ALIGNMENT VIA ANALYSIS OF HALF-SLIT IMAGE ALIGNMENT	7/21/2005	11/186,733	10/16/2007	7281799	Bausch & Lomb Incorporated
SYSTEM AND METHOD FOR ACQUIRING DATA AND ALIGNING AND TRACKING OF AN EYE	8/16/2006	10/550,437	12/23/2008	7467869	Bausch & Lomb Incorporated
SILICON-CONTAINING MONOMERS END-CAPPED WITH	1/27/2006	11/341,209	7/20/2010	7759408	Bausch & Lomb Incorporated

Title	Filing Date	Application Number	Issue Date	Patent Number	Owner
POLYMERIZABLE CATIONIC HYDROPHILIC GROUPS					
TORIC CONTACT LENSES	12/21/2006	11/614,514	4/1/2014	8684521	Bausch & Lomb Incorporated
SILOXANE PREPOLYMER CONTAINING PENDANT CATIONIC AND POLYMERIZABLE GROUPS	12/15/2006	11/611,508	9/9/2014	8828420	Bausch & Lomb Incorporated
PROCESS FOR MAKING CATIONIC HYDROPHILIC SILOXANYL MONOMERS	12/15/2006	11/611,512	11/2/2010	7825273	Bausch & Lomb Incorporated
PROCESS FOR MAKING CATIONIC HYDROPHILIC SILOXANYL MONOMERS	9/24/2010	12/890,019	11/4/2014	8877829	Bausch & Lomb Incorporated
PRODUCTION LINE CONTROL USING SHIFT REGISTERS FOR CONTACT LENS MANUFACTURE	6/16/2006	10/583,494	4/29/2008	7366580	Bausch & Lomb Incorporated
METHOD AND APPARATUS FOR ONLINE CONTACT LENS EVALUATION	2/2/2007	10/565,877	8/10/2010	7771053	Bausch & Lomb Incorporated
OPHTHALMIC SURGICAL CASSETTE AND SYSTEM	6/5/2007	11/758,048	11/6/2012	8303542	Bausch & Lomb Incorporated
APPARATUS AND METHOD FOR	9/27/2006	11/528,130	1/20/2009	7478908	Bausch & Lomb Incorporated

Title	Filing Date	Application Number	Issue Date	Patent Number	Owner
DETERMINING A POSITION OF AN EYE					
HYDROPHILIC SILOXANYL MONOMERS WITH PENDANT POLYMERIZABLE GROUPS	7/31/2007	11/830,885	8/24/2010	7781558	Bausch & Lomb Incorporated
OPHTHALMIC COMPOSITIONS CONTAINING DIGLYCINE	10/17/2007	11/873,703	3/20/2012	8138156	Bausch & Lomb Incorporated
GROOVED ASPIRATION PUMP ROLLER-HEAD ASSEMBLY	10/23/2006	11/585,045	7/9/2013	8480625	Bausch & Lomb Incorporated
METHOD OF INSERTING AN INTRAOCULAR LENSE	10/20/2006	11/584,024	11/18/2014	8888845	Bausch & Lomb Incorporated
PHACOEMULSIFICATION CANNULA WITH IMPROVED PURCHASE	11/10/2006	11/595,545	12/18/2012	8333741	Bausch & Lomb Incorporated
OPTICAL CALIBRATION SYSTEM AND METHOD	12/13/2006	11/610,059	12/28/2010	7859677	Bausch & Lomb Incorporated
CORNEAL MEASUREMENT APPARATUS AND A METHOD OF USING THE SAME	12/12/2007	11/955,001	1/19/2010	7648241	Bausch & Lomb Incorporated
CORNEAL MEASUREMENT APPARATUS HAVING A SEGMENTED APERTURE AND A METHOD OF USING THE SAME	12/11/2007	11/954,160	3/1/2011	7896497	Bausch & Lomb Incorporated

Title	Filing Date	Application Number	Issue Date	Patent Number	Owner
METHOD OF TREATING INFLAMMATION OF THE EYE	12/13/2007	11/955,418	2/9/2010	7659259	Bausch & Lomb Incorporated
MULTI-ELEMENT ACCOMMODATIVE INTRAOCULAR LENSE	12/20/2007	11/961,420	12/24/2013	8613766	Bausch & Lomb Incorporated
SYNTHESIS OF CATIONIC SILOXANE PREPOLYMERS	1/24/2008	12/018,910	5/31/2011	7951897	Bausch & Lomb Incorporated
METHOD AND APPARATUS FOR DETERMINING THE VISUAL ACUITY OF AN EYE	5/13/2008	12/093,500	2/2/2010	7654674	Bausch & Lomb Incorporated
COMPOSITIONS AND METHODS FOR TREATING, REDUCING, AMELIORATING, OR PREVENTING INFECTIONS CAUSED BY ANTIBACTERIAL DRUG-RESISTANT BACTERIA	3/19/2008	12/051,289	1/20/2015	8937062	Bausch & Lomb Incorporated
OPHTHALMIC COMPOSITION WITH HYALURONIC ACID AND POLYMERIC BIGUANIDE	4/25/2008	12/109,599	6/24/2014	8759321	Bausch & Lomb Incorporated
METHOD AND APPARATUS FOR EXTRAPOLATING DIAGNOSTIC DATA	6/27/2007	11/823,401	6/3/2014	8740381	Bausch & Lomb Incorporated
SILICONE HYDROGEL WITH COMPOSITE	7/8/2008	12/168,943	3/8/2011	7901073	Bausch & Lomb Incorporated

Title	Filing Date	Application Number	Issue Date	Patent Number	Owner
HYDROPHILIC AND SILICONE POLYMERS PREPARED WITH SELECTIVE CROSSLINK AGENTS					
CROSSLINK AGENTS	1/11/2011	13/004,228	8/28/2012	8252850	Bausch & Lomb Incorporated
CROSSLINK AGENTS AND DUAL RADICAL CURE POLYMER	7/8/2008	12/168,944	11/8/2011	8053489	Bausch & Lomb Incorporated
CROSSLINK AGENTS AND DUAL RADICAL CURE POLYMER	9/12/2011	13/230,024	1/8/2013	8349912	Bausch & Lomb Incorporated
APPARATUS AND METHOD FOR SEALING A LIDSTOCK TO A CONTAINER	9/9/2008	12/282,174	11/16/2010	7832188	Bausch & Lomb Incorporated
PACKAGING SOLUTIONS	10/23/2007	11/876,862	7/23/2013	8490782	Bausch & Lomb Incorporated
MOLDS FOR PRODUCTION OF OPHTHALMIC DEVICES	10/31/2007	11/931,205	9/11/2012	8262952	Bausch & Lomb Incorporated
HIGH WATER CONTENT SILICONE HYDROGELS	11/10/2008	12/267,660	5/3/2011	7934830	Bausch & Lomb Incorporated
EYE LENGTH MEASUREMENT APPARATUS	12/11/2007	11/954,146	9/21/2010	7800759	Bausch & Lomb Incorporated
ABERROMETER HAVING REDUCED NOISE	12/12/2007	11/955,003	1/25/2011	7874674	Bausch & Lomb Incorporated
RECESSED ELECTRODES FOR SENSING FLOW IN OPHTHALMIC	12/17/2007	11/957,841	11/23/2010	7837660	Bausch & Lomb Incorporated

Title	Filing Date	Application Number	Issue Date	Patent Number	Owner
SURGICAL SYSTEM					
AIR SEPARATOR FOR OPHTHALMIC SURGICAL SYSTEM	12/13/2007	11/955,638	5/11/2010	7712360	Bausch & Lomb Incorporated
ASPIRATION FLOW MEASUREMENT SYSTEM WITH FLOW SIGNAL AIR BUBBLE FILTER	11/13/2008	12/270,209	11/22/2011	8061216	Bausch & Lomb Incorporated
OPHTHALMIC INSTRUMENT ALIGNMENT APPARATUS AND METHOD OF USING SAME	12/15/2008	12/334,896	11/17/2015	9186059	Bausch & Lomb Incorporated
METHOD OF FORMING A BIOMEDICAL DEVICE INCLUDING AN OPHTHALMIC DEVICE	12/19/2008	12/339,745	12/14/2010	7850878	Bausch & Lomb Incorporated
PACKAGING SOLUTIONS	10/27/2008	12/258,916	11/23/2010	7837934	Bausch & Lomb Incorporated
HIGH WATER CONTENT OPHTHALMIC DEVICES	1/8/2009	12/350,262	3/20/2012	8138290	Bausch & Lomb Incorporated
HIGH WATER CONTENT OPHTHALMIC DEVICES	2/10/2012	13/370,364	3/5/2013	8389597	Bausch & Lomb Incorporated
OPHTHALMIC COMPOSITIONS WITH AN AMPHOTERIC SURFACTANT AND HYALURONIC ACID	9/3/2008	12/203,384	2/21/2012	8119112	Bausch & Lomb Incorporated
POLYSILOXANES AND POLYSILOXANE PREPOLYMERS WITH	3/5/2008	12/042,378	8/24/2010	7781554	Bausch & Lomb Incorporated

Title	Filing Date	Application Number	Issue Date	Patent Number	Owner
VINYL OR EPOXY FUNCTIONALITY					
THIN IOL	3/18/2009	11/719,471	1/19/2016	9237946	Bausch & Lomb Incorporated
OPHTHALMIC COMPOSITIONS COMPRISING A DIPEPTIDE	3/25/2008	12/054,577	1/14/2014	8629099	Bausch & Lomb Incorporated
PHARMACEUTICAL FORMULATIONS COMPRISING STABILIZED POLYSACCHARIDES AND SOURCE OF HYDROGEN PEROXIDE	5/19/2009	12/468,136	11/1/2016	9481856	Bausch & Lomb Incorporated
IOL INJECTOR COMPRISING A MOVEABLE SIDE WALL	7/9/2008	12/170,061	2/24/2015	8961601	Bausch & Lomb Incorporated
BESIFLOXACIN OPHTHALMIC COMPOSITION FOR THE TREATMENT OR CONTROL OF INFECTION	10/23/2009	12/604,422	4/9/2013	8415342	Bausch & Lomb Incorporated
EYE MEASUREMENT APPARATUS AND METHODS OF USING SAME	11/5/2008	12/264,965	1/10/2012	8092024	Bausch & Lomb Incorporated
METHOD AND APPARATUS FOR MAKING AND PROCESSING ABERRATION MEASUREMENTS	11/6/2008	12/266,019	8/28/2012	8254724	Bausch & Lomb Incorporated

Title	Filing Date	Application Number	Issue Date	Patent Number	Owner
POLYMORPHS OF BRIMONIDINE PAMOATE	10/23/2009	12/604,427	10/11/2011	8034813	Bausch & Lomb Incorporated
POLYMORPHS OF BRIMONIDINE PAMOATE	9/15/2011	13/233,052	4/16/2013	8420648	Bausch & Lomb Incorporated
OPHTHALMIC SURGICAL CASSETTES FOR OPHTHALMIC SURGERY	11/14/2008	12/270,998	4/7/2015	8998864	Bausch & Lomb Incorporated
FLOW CONTROL SYSTEM BASED ON LEAKAGE	12/8/2008	12/329,863	4/24/2012	8162919	Bausch & Lomb Incorporated
SYSTEM FOR OPERATING AND CONTROLLING A PNEUMATICALLY DRIVEN VITRECTOMY PROBE	12/8/2008	12/329,872	12/11/2012	8328835	Bausch & Lomb Incorporated
DEVICE FOR COLLECTION OF ASPIRATED FLUIDS	12/11/2008	12/332,853	8/20/2013	8512302	Bausch & Lomb Incorporated
METHOD AND APPARATUS FOR PERFORMING REMOTE CALIBRATION VERIFICATION	12/17/2008	12/336,893	2/22/2011	7895011	Bausch & Lomb Incorporated
SYSTEM TO IDENTIFY VISCOSITY OF ASPIRATED MATERIAL DURING OPHTHALMIC SURGERY	12/19/2008	12/339,374	10/7/2014	8854221	Bausch & Lomb Incorporated
CONTROLLING BEAM INTENSITY IN AN OPHTHALMIC	12/22/2008	12/341,484	7/30/2013	8498512	Bausch & Lomb Incorporated

Title	Filing Date	Application Number	Issue Date	Patent Number	Owner
C FIBER OPTIC ILLUMINATION SYSTEM USING ROTATABLE PLATE ARRAYS					
VARIABLE FREQUENCY PHACOEMULSIFICATION HANDPIECE	12/22/2008	12/341,427	5/14/2013	8439938	Bausch & Lomb Incorporated
FLUOROQUINOLONE CARBOXYLIC ACID MOLECULAR CRYSTALS	3/12/2010	12/723,047	7/9/2013	8481526	Bausch & Lomb Incorporated
BIOMEDICAL DEVICES	6/16/2009	12/456,419	10/25/2011	8043369	Bausch & Lomb Incorporated
BIOMEDICAL DEVICES	9/7/2011	13/226,691	12/25/2012	8337551	Bausch & Lomb Incorporated
BIOMEDICAL DEVICES	6/16/2009	12/456,420	12/27/2011	8083348	Bausch & Lomb Incorporated
BIOMEDICAL DEVICES	6/16/2009	12/456,421	3/13/2012	8133960	Bausch & Lomb Incorporated
BIOMEDICAL DEVICES	6/16/2009	12/456,423	3/15/2016	9285508	Bausch & Lomb Incorporated
FAST ALGORITHM FOR STREAMING WAVEFRONT	8/4/2010	12/866,122	11/19/2013	8588487	Bausch & Lomb Incorporated
MONOETHYLENICALLY UNSATURATED POLYMERIZABLE GROUP CONTAINING POLYCARBOSILOXANE MONOMERS	7/8/2010	12/832,174	4/16/2013	8420711	Bausch & Lomb Incorporated
MONOETHYLENICALLY UNSATURATED POLYCARBOSILOXANE	7/9/2009	12/499,854	8/9/2011	7994356	Bausch & Lomb Incorporated

Title	Filing Date	Application Number	Issue Date	Patent Number	Owner
MONOMERS					
MONOETHYLENICALLY UNSATURATED POLYMERIZABLE GROUP CONTAINING POLYCARBOSILOXANE MONOMERS	3/1/2013	13/781,880	9/9/2014	8827447	Bausch & Lomb Incorporated
MONOETHYLENICALLY UNSATURATED POLYCARBOSILOXANE MONOMERS	7/9/2009	12/499,853	3/29/2011	7915323	Bausch & Lomb Incorporated
ILLUMINATION DEVICE AND METHOD OF USE FOR OPHTHALMIC SURGERY	8/26/2010	12/868,777	10/16/2012	8287525	Bausch & Lomb Incorporated
CONTACT LENS	7/13/2010	12/835,048	6/11/2013	8461226	Bausch & Lomb Incorporated
STERILE HYALURONIC ACID SOLUTIONS	2/9/2010	12/702,540	10/9/2012	8283463	Bausch & Lomb Incorporated
PNEUMATIC SURGICAL INSTRUMENT DETECTION SYSTEM	12/29/2010	12/980,733	3/26/2013	8403917	Bausch & Lomb Incorporated
ERGONOMIC HAND-OPERABLE FLUID-DISPENSING DEVICE	2/1/2011	13/018,889	11/17/2015	9186690	Bausch & Lomb Incorporated
SYSTEM AND METHOD FOR PERFORMING LENS FRAGMENTATION	3/30/2012	13/436,352	7/21/2020	10716706	Bausch & Lomb Incorporated
APPARATUS AND METHODS FOR	5/16/2011	13/108,483	9/16/2014	8838212	Bausch & Lomb Incorporated

Title	Filing Date	Application Number	Issue Date	Patent Number	Owner
ILLUMINATING SUBSTANCES USING COLOR TO ACHIEVE VISUAL CONTRAST					
PHARMACEUTICAL COMPOSITIONS COMPRISING MUSHROOM-BASED POLYSACCHARIDES AND USES THEREOF	5/10/2012	13/468,125	10/14/2014	8859525	Bausch & Lomb Incorporated
BROMFENAC BIOAVAILABILITY	10/11/2012	13/649,271	12/13/2016	9517220	Bausch & Lomb Incorporated
OPHTHALMIC COMPOSITIONS CONTAINING DIGLYCINE	2/6/2012	13/366,398	3/4/2014	8664180	Bausch & Lomb Incorporated
OPHTHALMIC PHARMACEUTICAL COMPOSITIONS AND METHODS OF MAKING AND USING SAME	1/11/2013	13/739,018	3/8/2016	9278132	Bausch & Lomb Incorporated
VITREORETINAL TAMPONADES BASED ON FLUOROSILICONE FLUIDS	9/19/2002	10/247,452	3/9/2004	6703378	Bausch & Lomb Incorporated
EYEWEAR MAGNIFYING LOUPE	3/20/2003	10/393,634	7/20/2004	6764176	Bausch & Lomb Incorporated
OPHTHALMIC COMPOSITIONS CONTAINING DIGLYCINE	2/6/2012	13/366,399	12/4/2012	8324171	Bausch & Lomb Incorporated
STERILIZATION OF INTRAOCULAR LENSES	12/7/2009	12/631,901	12/11/2012	8329097	Bausch & Lomb Incorporated
CONTACT LENS CASE	3/12/2009	29/333,572	5/25/2010	D616198	Bausch & Lomb Incorporated

Title	Filing Date	Application Number	Issue Date	Patent Number	Owner
PROCESS FOR MANUFACTURING INTRAOCULAR LENSES WITH BLUE LIGHT ABSORPTION CHARACTERISTICS	9/8/2003	10/657,356	10/2/2007	7276544	Bausch & Lomb Incorporated
Method and apparatus for eye alignment	5/31/2006	10/549,220			Bausch & Lomb Incorporated

(x) November 1, 2013 at Reel/Frame 031533/0859,

Title	Filing Date	Application Number	Issue Date	Patent Number	Owner
COMPOSITIONS AND METHODS FOR THE INDUCTION OF RETINAL DETACHMENTS	5/31/2002	10/160,135	11/28/2006	7141610	Bausch & Lomb Incorporated
OPHTHALMIC FORMULATIONS AND USES THEREOF	6/7/2005	11/146,652	2/12/2013	8372814	Bausch & Lomb Incorporated
OPHTHALMIC FORMULATIONS AND USES THEREOF	2/9/2012	13/369,452	6/10/2014	8748402	Bausch & Lomb Incorporated
BEPOTASTINE COMPOSITIONS	5/2/2012	13/462,466	8/11/2020	10736841	Bausch & Lomb Incorporated
BROMFENAC BIOAVAILABILITY	10/11/2012	13/649,271	12/13/2016	9517220	Bausch & Lomb Incorporated

(xi) February 7, 2014 at Reel/Frame 032170/0372,

(xii) December 3, 2014 at Reel/Frame 034524/0018

(xiii) December 3, 2014 at Reel/Frame 034524/0006