

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT7623781

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	OMNIBUS PATENT SECURITY RELEASE AGREEMENT (REEL/FRAME 045444/0634)

CONVEYING PARTY DATA

Name	Execution Date
THE BANK OF NEW YORK MELLON	10/18/2022

RECEIVING PARTY DATA

Name:	BAUSCH & LOMB INCORPORATED
Street Address:	1400 N GOODMAN STREET
City:	ROCHESTER
State/Country:	NEW YORK
Postal Code:	14609
Name:	LABORATOIRE CHAUVIN S.A.S.
Street Address:	416, RUE SAMUEL MORSE
Internal Address:	CS 99535
City:	34961 MONTPELLIER
State/Country:	FRANCE
Name:	TECHNOLAS PERFECT VISION GMBH
Street Address:	MESSERSCHMITTSTRASSE 1+3
City:	MUNICH
State/Country:	GERMANY
Postal Code:	80992
Name:	THE UNITED STATES OF AMERICA, AS REPRESENTED BY THE SECRETARY, DEPARTMENT OF HEALTH AND HUMAN SERVICES
Street Address:	6011 EXECUTIVE BOULEVARD, SUITE 325, MSC 7660
Internal Address:	OFFICE OF TECHNOLOGY TRANSFER, NATIONAL INSTITUTES OF HEALTH
City:	BETHESDA
State/Country:	MARYLAND
Postal Code:	20892-7660

PROPERTY NUMBERS Total: 389

Property Type	Number
Patent Number:	6685958
Patent Number:	6830334

Property Type	Number
Patent Number:	D660893
Patent Number:	D671580
Patent Number:	6787131
Patent Number:	7087222
Patent Number:	6808266
Patent Number:	7029119
Patent Number:	8603522
Patent Number:	6808265
Patent Number:	7118214
Patent Number:	7141610
Patent Number:	6939486
Patent Number:	6852793
Patent Number:	6843563
Patent Number:	7130835
Patent Number:	6817714
Patent Number:	6786603
Patent Number:	6834959
Patent Number:	6848791
Patent Number:	6958169
Patent Number:	7436986
Patent Number:	6920974
Patent Number:	7422604
Patent Number:	7429263
Patent Number:	7988701
Patent Number:	9277989
Patent Number:	7098283
Patent Number:	7304117
Patent Number:	6918931
Patent Number:	7276544
Patent Number:	7168930
Patent Number:	7445436
Patent Number:	7604607
Patent Number:	7079239
Patent Number:	7044597
Patent Number:	7347549
Patent Number:	7905917
Patent Number:	8535376
Patent Number:	8535331

Property Type	Number
Patent Number:	7947049
Patent Number:	7192937
Patent Number:	8197841
Patent Number:	8377464
Patent Number:	8282594
Patent Number:	7569073
Patent Number:	7931686
Patent Number:	7585167
Patent Number:	7935280
Patent Number:	8372814
Patent Number:	8748402
Patent Number:	8114420
Patent Number:	7279538
Patent Number:	7495061
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Patent Number:	7745564
Patent Number:	7591849
Patent Number:	7708411
Patent Number:	7281799
Patent Number:	7467869
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Patent Number:	8684521
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Patent Number:	7825273
Patent Number:	8877829
Patent Number:	7366580
Patent Number:	7771053
Patent Number:	8303542
Patent Number:	8512014
Patent Number:	7478908
Patent Number:	7781558
Patent Number:	8138156
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Patent Number:	7859677
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Property Type	Number
Patent Number:	7659259
Patent Number:	8613766
Patent Number:	7951897
Patent Number:	7654674
Patent Number:	8937062
Patent Number:	8759321
Patent Number:	8740381
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Patent Number:	8252850
Patent Number:	8053489
Patent Number:	8349912
Patent Number:	7832188
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Patent Number:	9527617
Patent Number:	8262952
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Patent Number:	8889160
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Application Number:	14630700
Patent Number:	8932646
Patent Number:	10130733
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Patent Number:	10736841

Property Type	Number
Patent Number:	10716706
Patent Number:	8838212
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Patent Number:	9278132
Patent Number:	9216066
Patent Number:	9001316
Application Number:	13480651
Patent Number:	8807745
Patent Number:	9075187
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Patent Number:	6703378
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Patent Number:	8388610
Patent Number:	8807752
Patent Number:	9629750
Patent Number:	9603744
Patent Number:	9398979
Application Number:	13835090
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Patent Number:	6402319
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Patent Number:	6183236
Patent Number:	6298713
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Patent Number:	6260695
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Patent Number:	6364934
Patent Number:	6248266
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Patent Number:	6276797
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Patent Number:	6599277
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Patent Number:	6908978
Patent Number:	6730767
Patent Number:	7169874
Patent Number:	6723816
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Patent Number:	6739721
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Patent Number:	6736509
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Patent Number:	7423108
Patent Number:	7622512
Patent Number:	7625089
Patent Number:	7960447
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Property Type	Number
Patent Number:	8858492
Patent Number:	8273914
Patent Number:	8535044
Patent Number:	8334283
Patent Number:	8668736
Patent Number:	9389336
Patent Number:	D543103

CORRESPONDENCE DATA

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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.

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Address Line 2: COGENCY GLOBAL INC.

Address Line 4: WASHINGTON, D.C. 20036

ATTORNEY DOCKET NUMBER:	1813679 PAT BNYM 5
NAME OF SUBMITTER:	DAHLIA GOTTLIEB
SIGNATURE:	/Dahlia Gottlieb/
DATE SIGNED:	11/02/2022

Total Attachments: 173

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OMNIBUS PATENT SECURITY RELEASE AGREEMENT

This **OMNIBUS PATENT SECURITY RELEASE AGREEMENT** (the "Release") is made as of October 18, 2022, by **THE BANK OF NEW YORK MELLON**, as notes collateral agent for the Noteholder 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 U.S. Pledge and Security Agreement dated as of March 21, 2017 (as amended or otherwise modified, the "March 2017 Security Agreement"), (ii) that certain U.S. Pledge and Security Agreement dated as of October 17, 2017 (as amended or otherwise modified, the "October Security Agreement"), (iii) that certain U.S. Pledge and Security Agreement dated as of March 8, 2019 (as amended or otherwise modified, the "March 2019 Security Agreement"), (iv) that certain U.S. Pledge and Security Agreement, dated as of June 8, 2021 (as amended or otherwise modified, the "June 2021 Security Agreement"), (v) that certain U.S. Pledge and Security Agreement, dated as of February 10, 2022 (as amended or otherwise modified, the "February 2022 Security Agreement") and, together with the March 2017 Security Agreement, the October Security Agreement, the June 2021 Security Agreement, the February 2022 Security Agreement, and the June 2021 Security Agreement, the "Security Agreements"), (vi) that certain Patent Security Agreement, dated July 17, 2017, by and among the grantors parties thereto and the Collateral Agent (the "First July 2017 Patent Security Agreement"), (vii) that certain Patent Security Agreement, dated July 17, 2017, by and among the grantors parties thereto and the Collateral Agent (the "Second July 2017 Patent Security Agreement"), (viii) that certain Patent Security Agreement, dated July 17, 2017, by and among the grantors parties thereto and the Collateral Agent (the "Third Second July 2017 Patent Security Agreement"), (ix) that certain Patent Security Agreement, dated February 13, 2018, by and among the grantors parties thereto and the Collateral Agent (the "February 2018 Patent Security Agreement"), (x) 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"), (xi) that certain Patent Security Agreement, dated March 08, 2019 by and among the grantors parties thereto and the Collateral Agent (the "March 08 2019 Patent Security Agreement"), (xii) that certain Patent Security Agreement, dated March 27, 2019 by and among the grantors parties thereto and the Collateral Agent (the "March 27 2019 Patent Security Agreement"), (xiii) that certain Intellectual Property Security Agreement, dated July 1, 2019, by and among the grantors parties thereto and the Collateral Agent (the "July 2019 Patent Security Agreement"), (xiv) that certain Intellectual Property Security Agreement, dated November 1, 2019, by and among the grantors parties thereto and the Collateral Agent (the "November 2019 Patent Security Agreement"), (xv) that certain Intellectual Property Security Agreement, dated May 6, 2020, by and among the grantors parties thereto and the Collateral Agent (the "May 2020 Patent Security Agreement"), (xvi) that certain Intellectual Property Security Agreement, dated January 21, 2021, by and among the grantors parties thereto and the Collateral Agent (the "January 2021 Patent Security Agreement"), (xvii) that certain Intellectual Property Security Agreement, dated March 29, 2021, by and among the grantors parties thereto and the Collateral Agent (the "March 2021 Patent Security Agreement"), (xviii) that certain Intellectual Property Security Agreement, dated May 20, 2021, by and among the grantors parties thereto and the Collateral Agent (the "May 2021 Patent Security Agreement"), (xix) that certain Patent Security Agreement, dated June 8, 2021, by and among the grantors parties thereto and the Collateral Agent (the "June 8 2021 Patent Security Agreement"), (xx) that certain Intellectual Property Security Agreement, dated June 21, 2021, by and among the grantors parties thereto and the Collateral Agent (the "June 21 2021 Patent Security Agreement"), (xxi) that certain Intellectual Property Security Agreement, dated August 25, 2021, by and among the grantors parties thereto and the Collateral Agent (the "August 2021 Patent Security Agreement"), (xxii) that certain Patent Security Agreement, dated October 4, 2021, by and among the grantors parties thereto and the Collateral Agent (the "October 2021 Patent Security Agreement"), (xxiii) that certain Intellectual Property Security Agreement, dated November 23, 2021, by and among the grantors parties thereto and the Collateral Agent (the "November 2021 Patent Security Agreement"), (xxiv) that certain Patent Security Agreement, dated February 10, 2022, by and among the grantors parties thereto and the Collateral Agent (the "February 2022 Patent Security Agreement"), (xxv) that certain Intellectual Property Security Agreement, dated March 28, 2022, by and among the grantors parties thereto and the Collateral Agent (the "March 2022 Patent Security Agreement") and that certain Patent Security Agreement, dated June 10, 2022, by and among the grantors parties thereto and the Collateral Agent (the "June 2022 Patent Security Agreement"), together with the Security Agreements, the First July 2017 Patent Security Agreement, the Second July 2017 Patent Security Agreement, the Third July 2017 Patent Security Agreement, the February 2018 Patent Security Agreement, the August 2018 Patent Security Agreement, the March 08 2019 Patent Security Agreement, the March 27 2019 Patent Security Agreement, the July 2019 Patent Security Agreement, the November 2019 Patent Security Agreement, the May 2020 Patent Security Agreement, the January 2021 Patent Security Agreement, the March 2021 Patent Security Agreement, the May 2021 Patent Security Agreement, the June 8 2021 Patent Security Agreement, the June 21 2021 Patent Security Agreement, the August 2021 Patent Security Agreement, the October 2021 Patent Security Agreement, the November 2021 Patent Security Agreement, the February 2022 Patent Security Agreement and the March 2022 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"), Alden Optical Laboratories, Inc., a New York corporation ("Alden"), 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 ("Ireland Limited") and, together with Alden, Technolas and B&L, the "Grantors", each a "Grantor", granted the Collateral Agent a continuing security interest in all of such Grantors' right, title and interest in, to and under the patent collateral of the Grantors identified on Schedule A attached hereto (the "IP Security Interest");

WHEREAS, the First July 2017 Patent Security Agreement was recorded with the United States Patent and Trademark Office on July 19, 2017 at Reel 043251, Frame 0932;

WHEREAS, the Second July 2017 Patent Security Agreement was recorded with the United States Patent and Trademark Office on July 19, 2017 at Reel 043045, Frame 0891;

WHEREAS, the Third July 2017 Patent Security Agreement was recorded with the United States Patent and Trademark Office on July 19, 2017 at Reel 043046, Frame 0030;

WHEREAS, the February 2018 Patent Security Agreement was recorded with the United States Patent and Trademark Office on February 26, 2018 at Reel 045444, Frame 0634;

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 0301;

WHEREAS, the March 08 2019 Patent Security Agreement was recorded with the United States Patent and Trademark Office on March 11, 2019 at Reel 048556, Frame 0758;

WHEREAS, the March 27 2019 Patent Security Agreement was recorded with the United States Patent and Trademark Office on March 27, 2019 at Reel 048715, Frame 0432;

WHEREAS, the July 2019 Patent Security Agreement was recorded with the United States Patent and Trademark Office on July 3, 2019 at Reel 049672, Frame 0652;

WHEREAS, the November 2019 Patent Security Agreement was recorded with the United States Patent and Trademark Office on November 1, 2019 at Reel 050892, Frame 0318;

WHEREAS, the May 2020 Patent Security Agreement was recorded with the United States Patent and Trademark Office on May 6, 2020 at Reel 052589, Frame 0884;

WHEREAS, the January 2021 Patent Security Agreement was recorded with the United States Patent and Trademark Office on January 21, 2021 at Reel 054984, Frame 0345;

WHEREAS, the March 2021 Patent Security Agreement was recorded with the United States Patent and Trademark Office on March 29, 2021 at Reel 055756, Frame 0298;

WHEREAS, the May 2021 Patent Security Agreement was recorded with the United States Patent and Trademark Office on May 20, 2021 at Reel 056304, Frame 0581;

WHEREAS, the June 8 2021 Patent Security Agreement was recorded with the United States Patent and Trademark Office on June 8, 2021 at Reel 056811, Frame 0814;

WHEREAS, the June 21 2021 Patent Security Agreement was recorded with the United States Patent and Trademark Office on June 21, 2021 at Reel 056603, Frame 0227;

WHEREAS, the August 2021 Patent Security Agreement was recorded with the United States Patent and Trademark Office on June 21, 2021 at Reel 057287, Frame 0160;

WHEREAS, the October 2021 Patent Security Agreement was recorded with the United States Patent and Trademark Office on October 5, 2021 at Reel 057821, Frame 0800;

WHEREAS, the November 2021 Patent Security Agreement was recorded with the United States Patent and Trademark Office on November 24, 2021 at Reel 058205, Frame 0889;

WHEREAS, the February 2022 Patent Security Agreement was recorded with the United States Patent and Trademark Office on February 10, 2022 at Reel 059121, Frame 0001;

WHEREAS, the March 2022 Patent Security Agreement was recorded with the United States Patent and Trademark Office on March 30, 2022 at Reel 059446, Frame 0722;

WHEREAS, the June 2022 Patent Security Agreement was recorded with the United States Patent and Trademark Office on June 13, 2022 at Reel 060346, Frame 0705;

WHEREAS, pursuant to that certain Officers' Certificate dated May 10, 2022, Bausch Health Companies Inc. and Bausch Health Americas, Inc. have certified to the Notes Collateral Agent that the release of the IP Security Interest is authorized and permitted by, and all conditions precedent relating to the release of the IP Security Interest have been complied with in respect of, the indentures and collateral documents including without limitation the IP Security Agreements;

WHEREAS, the Grantors have requested, and the Collateral Agent agrees to provide, a document suitable for recording in the USPTO for purposes of recording the release, relinquishment and discharge of its interest in the IP Security Interest; and

WHEREAS, the Collateral Agent, on behalf of itself and the Secured Parties, solely in reliance on the representations, warranties and certifications made pursuant to the aforementioned Officers' Certificate and without independent investigation, agrees to terminate and grant a release of the IP Security Interest 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 Agreements.

2. The Collateral Agent, on behalf of itself and the Secured Parties, without representation, warranty or recourse, hereby (a) releases, relinquishes, terminates and discharges the IP Security Interest 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 any of the patent collateral (including, without limitation, the Patents identified on Schedule A attached hereto) and associated common law rights and goodwill appurtenant thereto.

3. The Collateral Agent, on behalf of itself and the Secured Parties, acknowledges that the Grantors may record this Release with the United States Patent and Trademark Office and any other applicable governmental authority in their discretion.

4. 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 that are reasonably requested by the Grantors and at the cost and expense of the Grantors.

5. The Notes Collateral Agent shall not be responsible in any manner whatsoever for or in respect of the validity or sufficiency of this Release or for or in respect of the recitals contained herein.

[Signature page follows]

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

THE BANK OF NEW YORK MELLON, as
Collateral Agent



Digitally signed by Lisa
Sollitto
Date: 2022.09.07 12:06:24
-04'00'

By: _____

Name: Lisa Sollitto
Title: Vice President

Schedule A

See Attached

Patent Release Schedule

Reel/Frame: 059446/0722 - 3/28/2022 Security Interest - The Bank of New York Mellon

Title	Country	Status	Filing Date	Application Number	Issue Date	Patent Number	Owner
CROSSLINKED POLYMERIC NETWORK AND USE THEREOF	United States	Granted	11/23/2021	17/533454	8/23/2022	11421047	Bausch & Lomb Incorporated
PACKAGING SOLUTIONS	United States	Published	12/14/2021	17/550,220	{4/7/2022}	{20220105230}	Bausch & Lomb Incorporated

Reel/Frame: 057821/0800 – 7/17/2017 Security Interest - The Bank of New York Mellon

Title	Country	Status	Filing Date	Application Number	Issue Date	Patent Number	Owner
CUSTOMIZED CORNEAL PROFILING	United States	Granted	2/3/2003	10/110922	7/3/2007	7237898	Technolas Perfect Vision GMBH
CUSTOMIZED REFRACTIVE CORRECTION	United States	Granted	9/30/2002	10/110894	4/4/2006	7022117	Technolas Perfect Vision GMBH
LASER VISION CORRECTION APPARATUS AND CONTROL METHOD	United States	Expired	7/27/2002	10/184441	11/9/2004	6814729	Technolas Perfect Vision GMBH
SYSTEM AND METHOD FOR THE TREATMENT OF A PATIENTS EYE WORKING AT HIGH SPEED	United States	Granted	2/15/2008	12/063900	11/6/2012	8303578	Technolas Perfect Vision GMBH
METHOD AND APPARATUS FOR CALCULATING A LASER SHOT FILE FOR USE IN AN EXCIMER LASER	United States	Granted	12/19/2013	14/134541	5/2/2017	9636256	Technolas Perfect Vision GMBH
STEPPED MICROKER	United States	Granted	3/29/2007	11/729465	4/12/2011	7922736	Technolas Perfect

ATOME BLADE HOLDER							Vision GMBH
COMBINATI ON OF EXCIMER LASER ABLATION AND FEMTOSEC OND LASER TECHNOLO GY	United States	Granted	1/28/2011	13/015979	10/15/2013	8556886	Technolas Perfect Vision GMBH
APPARATU S AND METHOD FOR PROVIDING A LASER SHOT FILE	United States	Granted	4/29/2011	13/098267	5/24/2016	9345620	Technolas Perfect Vision GMBH
SYSTEM AND METHOD WITH REFRACTIV E CORRECTI ONS FOR CONTROLL ED PLACEMEN T OF A LASER BEAM'S FOCAL POINT	United States	Granted	3/8/2012	13/415679	8/19/2014	8807752	Technolas Perfect Vision GMBH
SURGICAL LASER UNIT WITH VARIABLE MODES OF OPERATIO N	United States	Granted	4/18/2012	13/450180	4/25/2017	9629750	Technolas Perfect Vision GMBH
DIMENSION AL COMPENSA TOR FOR USE WITH A PATIENT INTERFACE	United States	Granted	3/11/2013	13/793396	7/26/2016	9398979	Technolas Perfect Vision GMBH
CORNEA CONTACT SYSTEM FOR LASER SURGERY	United States	Expired	5/24/2002	10/155810	5/4/2004	6730074	Technolas Perfect Vision GMBH
SYSTEM AND METHOD FOR PHOTOABL ATION USING MULTIPLE FOCAL POINTS WITH	United States	Expired	3/7/2007	11/682976	5/18/2010	7717906	Technolas Perfect Vision GMBH

ROTATING BEAM							
LASER SYSTEM AND METHOD FOR GENERATION OF A PULSE SEQUENCE WITH CONTROLLABLE PARAMETERS AND COMPUTER PROGRAM PRODUCT	United States	Granted	8/6/2003	10/635154	10/3/2006	7116688	Technolas Perfect Vision GMBH
SYSTEM AND METHOD FOR POSITIONING A PATIENT FOR LASER SURGERY	United States	Granted	3/1/2004	10/790625	7/22/2008	7402159	Technolas Perfect Vision GMBH
BEAM STEERING SYSTEM FOR CORNEAL LASER SURGERY	United States	Granted	4/9/2004	10/821402	11/17/2009	7618415	Technolas Perfect Vision GMBH
BEAM STEERING SYSTEM FOR CORNEAL LASER SURGERY	United States	Granted	2/8/2008	12/028687	2/16/2010	7662147	Technolas Perfect Vision GMBH
METHOD FOR INTRASTROMAL PHOTODISRUPTION OF DOME-SHAPED SURFACES	United States	Granted	4/29/2004	10/835087	7/3/2007	7238176	Technolas Perfect Vision GMBH
SYSTEMS AND METHODS FOR INTRASTROMAL SCANNING PATTERNS	United States	Granted	11/12/2004	10/987542	2/16/2010	7662148	Technolas Perfect Vision GMBH
TIME-RESOLVED SCANNING PATTERNS FOR INTRASTROMAL SURGERY	United States	Granted	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	United States	Granted	12/17/2004	11/015338	2/22/2011	7892225	Technolas Perfect Vision GMBH
DEVICE AND METHOD FOR ALIGNING AN EYE WITH A SURGICAL LASER	United States	Granted	2/25/2005	11/066726	6/24/2008	7390089	Technolas Perfect Vision GMBH
CORNEA CONTACT SYSTEM	United States	Granted	10/21/2005	11/256649	6/7/2011	7955324	Technolas Perfect Vision GMBH
MATERIAL PROCESSING SYSTEM WITH VARIABLE REPETITION RATE LASER	United States	Granted	7/27/2006	11/460567	1/5/2010	7643521	Technolas Perfect Vision GMBH
SYSTEM AND METHOD FOR PRECISE BEAM POSITIONING IN OCULAR SURGERY	United States	Granted	1/19/2007	11/625213	1/3/2012	8088124	Technolas Perfect Vision GMBH
System and Method for Precise Beam Positioning in Ocular Surgery	United States	Granted	7/25/2011	13/189723	9/10/2013	8528566	Technolas Perfect Vision GMBH
METHOD FOR INTRASTROMAL REFRACTIVE SURGERY	United States	Granted	12/17/2007	11/958202	5/18/2010	7717907	Technolas Perfect Vision GMBH
METHOD PATTERNS FOR INTRASTROMAL REFRACTIVE SURGERY	United States	Granted	4/17/2008	12/105195	5/18/2010	7717908	Technolas Perfect Vision GMBH

SYSTEM FOR PERFORMING INTRASTROMAL REFRACTIVE SURGERY	United States	Granted	5/14/2010	12/780180	4/2/2013	8409179	Technolas Perfect Vision GMBH
FINITE ELEMENT MODELING OF THE CORNEA	United States	Granted	1/18/2008	12/016857	11/30/2010	7844425	Technolas Perfect Vision GMBH
COMPUTER CONTROL FOR BIOMECHANICAL ALTERATION OF THE CORNEA	United States	Granted	1/18/2008	12/016558	7/3/2014	8740888	Technolas Perfect Vision GMBH
SYSTEM AND METHOD FOR ALTERING INTERNAL STRESS DISTRIBUTIONS TO RESHAPE A MATERIAL	United States	Granted	4/16/2008	12/104401	5/21/2013	8444633	Technolas Perfect Vision GMBH
SYSTEM AND METHOD FOR STRAY LIGHT COMPENSATION OF CORNEAL CUTS	United States	Granted	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	United States	Granted	1/27/2009	12/360726	7/30/2013	8496651	Technolas Perfect Vision GMBH
SYSTEM AND METHOD FOR POSTOPERATIVE CAPSULAR BAG CONTROL	United States	Granted	12/28/2011	13/338872	7/19/2016	9393155	Technolas Perfect Vision GMBH
SYSTEM AND METHOD FOR EVALUATING A SECONDARY LASIK	United States	Granted	12/12/2002	10/318443	9/7/2005	6939342	Technolas Perfect Vision GMBH

TREATMENT							
CLOSED LOOP CONTROL FOR INTRASTROMAL WAVEFRONT-GUIDED ABLATION	United States	Granted	5/3/2005	10/293226	11/13/2002	6887232	Technolas Perfect Vision GMBH
EYE POSITION CONTROL MONITOR FOR LASER VISION CORRECTION	United States	Granted	11/20/2003	10/718980	11/22/2005	6966905	Technolas Perfect Vision GMBH
ALLERGY EYE DROP	United States	Expired	11/16/2020	63/110756			Bausch + Lomb Ireland Limited
OPHTHALMIC NK-1 ANTAGONIST	United States	Expired	12/3/2020	64/120987			Bausch + Lomb Ireland Limited
PACKING SOLUTIONS	United States	Expired	3/11/2021	63/159881			Bausch + Lomb Ireland Limited
MOLDS FOR PRODUCTION OF ...	United States	Expired	3/5/2021	63/157130			Bausch + Lomb Ireland Limited
DIRECT COMPRESSION MOLDED	United States	Published	11/24/2020	17/103298			Bausch + Lomb Ireland Limited
OPHTHALMIC LENS INCLUDING A PERIPHERAL ZONE HAVING AN ADD-POWER OFFSET AND A SPATIALLY-MODULATED OPTICAL PARAMETER	United States	Published	11/4/2020	17/089233			Bausch + Lomb Ireland Limited
OPHTHALMIC SOLUTIONS	United States	Expired	3/10/2021	63/159097			Bausch + Lomb Ireland Limited
METHOD FOR MAKING A BIOMEDICAL DEVICES	United States	Expired	11/4/2020	63/109790			Bausch + Lomb Ireland Limited
BIOMEDICAL DEVICES	United States	Expired	3/15/2021	63/1610002			Bausch + Lomb Ireland Limited

Reel/Frame: 060346/0705 – 6/10/2022 Security Interest - The Bank of New York Mellon

Title	Country	Status	Filing Date	Application Number	Issue Date	Patent Number	Owner
GRAFTED POLYMER AND USE THEREOF	United States	Published	9/16/2020	17/022398			Bausch + Lomb Ireland Limited

Reel/Frame: 043251/0932 - 7/17/2017 Security Interest - The Bank of New York Mellon

Title	Country	Status	Filing Date	Application Number	Issue Date	Patent Number	Owner
QUINOLONE CARBOXYLIC ACID COMPOSITIONS AND RELATED METHODS OF TREATMENT	United States	Expired	4/25/2001	09/840871	2/3/2004	6685958	Bausch & Lomb Incorporated
ANTERIOR CHAMBER DIAMETER MEASUREMENT SYSTEM FROM LIMBAL RING MEASUREMENT	United States	Expired	7/30/2001	09/918678	12/14/2004	6830334	Bausch & Lomb Incorporated
MULTIFOCAL CONTACT LENS AND METHOD OF MANUFACTURE THEREOF	United States	Granted	12/16/2003	10/736,960	5/16/2006	7044597	Bausch & Lomb Incorporated
CONTACT LENS	United States	Granted	7/2/2009	29/339,573	5/29/2012	D660893	Bausch & Lomb Incorporated
CONTACT LENS	United States	Granted	5/4/2012	29/420,128	11/27/2012	D671580	Bausch & Lomb Incorporated
METHOD FOR ENHANCING INTEGRITY OF EPITHELIUM USING RETINOIC ACID	United States	Granted	12/17/2001	10/023,351	9/7/2004	6787131	Bausch & Lomb Incorporated
METHOD FOR ENHANCING	United States	Granted	6/16/2004	10/869,432	8/8/2006	7087222	Bausch & Lomb Incorporated

Title	Country	Status	Filing Date	Application Number	Issue Date	Patent Number	Owner
INTEGRITY OF EPITHELIUM USING RETINOIC ACID							
OBJECTIVE MANIFEST REFRACTION	United States	Granted	3/18/2002	10/100,782	10/26/2004	6808266	Bausch & Lomb Incorporated
OBJECTIVE MANIFEST REFRACTION	United States	Granted	10/22/2004	10/972,096	4/18/2006	7029119	Bausch & Lomb Incorporated
NUTRITIONAL SUPPLEMENT TO TREAT MACULAR DEGENERATION	United States	Granted	1/13/2005	11/034,656	12/10/2013	8603522	Bausch & Lomb Incorporated
PRESBYOPIC VISION IMPROVEMENT	United States	Granted	10/18/2002	10/274,677	10/26/2004	6808265	Bausch & Lomb Incorporated
PRESBYOPIC VISION IMPROVEMENT	United States	Granted	10/22/2004	10/972,131	10/10/2006	7118214	Bausch & Lomb Incorporated
APPARATUS AND METHOD FOR MAKING INTRAOCULAR LENSES	United States	Granted	6/25/2002	10/180,797	9/6/2005	6939486	Bausch & Lomb Incorporated
LOW WATER CONTENT, HIGH REFRACTIVE INDEX, FLEXIBLE, POLYMERIC COMPOSITIONS	United States	Granted	6/19/2002	10/175,715	2/8/2005	6852793	Bausch & Lomb Incorporated
SMOOTHLY BLENDED OPTICAL SURFACES	United States	Granted	7/31/2002	10/210,708	1/18/2005	6843563	Bausch & Lomb Incorporated
SYSTEM AND METHOD FOR PREDICTIVE OPHTHALMIC CORRECTION	United States	Granted	12/20/2002	10/327,229	10/31/2006	7130835	Bausch & Lomb Incorporated

Title	Country	Status	Filing Date	Application Number	Issue Date	Patent Number	Owner
METHOD AND APPARATUS RELATING TO THE OPTICAL ZONE OF AN OPTICAL ELEMENT	United States	Granted	9/25/2002	10/254,382	11/16/2004	6817714	Bausch & Lomb Incorporated
WAVEFRONT-GENERATED CUSTOM OPHTHALMIC SURFACES	United States	Granted	9/25/2002	10/254,813	9/7/2004	6786603	Bausch & Lomb Incorporated
SPIDER-WEB PLACIDO PATTERN	United States	Granted	9/30/2002	10/261,539	12/28/2004	6834959	Bausch & Lomb Incorporated
SINGLE-CURVATURE PLACIDO PLATE WITH ADDITIONAL SURFACES	United States	Granted	12/16/2002	10/320,839	2/1/2005	6848791	Bausch & Lomb Incorporated
POSITIVE PATIENT IDENTIFICATION	United States	Granted	3/25/2003	10/397,100	10/14/2008	7436986	Bausch & Lomb Incorporated
BLISTER PACKAGE STORAGE AND DISPENSING CONTAINER AND METHOD	United States	Granted	6/26/2003	10/606,704	7/26/2005	6920974	Bausch & Lomb Incorporated
PRELOADED IOL INJECTOR	United States	Granted	3/31/2004	10/813,862	9/9/2008	7422604	Bausch & Lomb Incorporated
PRELOADED IOL INJECTOR	United States	Granted	8/28/2003	10/651,785	9/30/2008	7429263	Bausch & Lomb Incorporated
PRELOADED IOL INJECTOR	United States	Granted	5/19/2005	11/132,526	8/2/2011	7988701	Bausch & Lomb Incorporated
PRELOADED IOL INJECTOR	United States	Granted	7/16/2010	12/837,585	3/8/2016	9277989	Bausch & Lomb Incorporated
NOVEL REACTIVE YELLOW DYES USEFUL FOR OCULAR DEVICES	United States	Granted	9/8/2003	10/657,495	8/29/2006	7098283	Bausch & Lomb Incorporated

Title	Country	Status	Filing Date	Application Number	Issue Date	Patent Number	Owner
NOVEL REACTIVE YELLOW DYES USEFUL FOR OCULAR DEVICES	United States	Granted	6/21/2006	11/472,235	12/4/2007	7304117	Bausch & Lomb Incorporated
PREPOLYMERS WITH YELLOW DYE MOIETY	United States	Granted	9/8/2003	10/657,639	7/19/2005	6918931	Bausch & Lomb Incorporated
PROCESS FOR MANUFACTURING INTRAOCULAR LENSES WITH BLUE LIGHT ABSORPTION CHARACTERISTICS	United States	Granted	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	United States	Granted	9/29/2003	10/673,859	1/30/2007	7168930	Bausch & Lomb Incorporated
PERISTALTIC PUMP WITH A MOVEABLE PUMP HEAD	United States	Granted	9/29/2003	10/673,296	11/4/2008	7445436	Bausch & Lomb Incorporated
PERISTALTIC PUMP FITMENT FOR ATTACHMENT TO AN ASPIRANT COLLECTION BAG	United States	Granted	9/29/2003	10/674,094	10/20/2009	7604607	Bausch & Lomb Incorporated
RAPID SWITCHING SLIT SCAN IMAGE CAPTURE SYSTEM	United States	Granted	12/10/2003	10/732,704	3/25/2008	7347549	Bausch & Lomb Incorporated
ASPHERIC LENSES AND LENS FAMILY	United States	Granted	10/12/2005	11/248,052	3/15/2011	7905917	Bausch & Lomb Incorporated

Title	Country	Status	Filing Date	Application Number	Issue Date	Patent Number	Owner
ASPHERIC LENSES AND LENS FAMILY	United States	Granted	10/28/2010	12/913,863	9/17/2013	8535376	Bausch & Lomb Incorporated
IOL INJECTOR	United States	Granted	3/31/2004	10/813,861	9/17/2013	8535331	Bausch & Lomb Incorporated
IOL INJECTOR	United States	Granted	3/31/2004	10/813,863	5/24/2011	7947049	Bausch & Lomb Incorporated
OLIGOSACCHARIDE-CONTAINING COMPOSITIONS AND USES THEREOF	United States	Granted	5/19/2004	10/848,848	3/20/2007	7192937	Bausch & Lomb Incorporated
POLYMERIZABLE SURFACTANTS AND THEIR USE AS DEVICE FORMING COMONOMERS	United States	Granted	12/22/2004	11/020,541	6/12/2012	8197841	Bausch & Lomb Incorporated
POLYMERIZABLE SURFACTANTS AND THEIR USE AS DEVICE FORMING COMONOMERS	United States	Granted	2/27/2012	13/405,604	2/19/2013	8377464	Bausch & Lomb Incorporated
NON-CIRCULAR PORTED PHACOEMULSIFICATION IRRIGATION SLEEVE	United States	Granted	12/20/2004	11/017,586	10/9/2012	8282594	Bausch & Lomb Incorporated
SMALL INCISION INTRAOCULAR LENS WITH ANTI-PCO FEATURE	United States	Granted	12/29/2004	11/025,405	8/4/2009	7569073	Bausch & Lomb Incorporated
SMALL INCISION INTRAOCULAR LENS WITH ANTI-PCO FEATURE	United States	Granted	6/30/2009	12/494,489	4/26/2011	7931686	Bausch & Lomb Incorporated
CORE LOCKING ASSEMBLY AND METHOD FOR	United States	Granted	12/30/2004	11/027,381	9/8/2009	7585167	Bausch & Lomb Incorporated

Title	Country	Status	Filing Date	Application Number	Issue Date	Patent Number	Owner
ORIENTATION OF ASYMMETRIC TOOLING							
CORE LOCKING ASSEMBLY AND METHOD FOR ORIENTATION OF ASYMMETRIC TOOLING	United States	Granted	7/30/2009	12/512,293	5/3/2011	7935280	Bausch & Lomb Incorporated
OPHTHALMIC FORMULATIONS AND USES THEREOF	United States	Granted	6/7/2005	11/146,652	2/12/2013	8372814	Kirk McMullin Bausch & Lomb Incorporated
COMPOSITION FOR TREATING DRY EYE AND RELATED METHODS OF MANUFACTURE AND METHODS OF USE	United States	Granted	3/28/2006	11/391,056	2/14/2012	8114420	Bausch & Lomb Incorporated
AROMATIC-BASED POLYSILOXANE PREPOLYMERS AND OPHTHALMIC DEVICES PRODUCED THEREFROM	United States	Granted	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	United States	Granted	5/27/2005	11/139,276	2/24/2009	7495061	Bausch & Lomb Incorporated
HIGH REFRACTIVE-INDEX, HYDROPHILIC MONOMERS AND	United States	Granted	11/19/2008	12/273,624	8/24/2010	7781496	Bausch & Lomb Incorporated

Title	Country	Status	Filing Date	Application Number	Issue Date	Patent Number	Owner
POLYMERS, AND OPHTHALMIC DEVICES COMPRISING SUCH POLYMERS							
NOVEL SYSTEM FOR SYNTHESIS OF DEVICE FORMING MONOMERS	United States	Granted	6/21/2006	11/471,991	6/29/2010	7745564	Bausch & Lomb Incorporated
MULTI-COMPONENT ACCOMMODATIVE INTRAOCULAR LENS WITH COMPRESSIBLE HAPTIC	United States	Granted	7/1/2005	11/173,704	9/22/2009	7591849	Bausch & Lomb Incorporated
ONLINE WAVEFRONT MEASUREMENT AND DISPLAY	United States	Granted	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	United States	Granted	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	United States	Granted	8/16/2006	10/550,437	12/23/2008	7467869	Bausch & Lomb Incorporated
SILICON-CONTAINING MONOMERS END-CAPPED WITH POLYMERIZABLE CATIONIC HYDROPHILIC GROUPS	United States	Granted	1/27/2006	11/341,209	7/20/2010	7759408	Bausch & Lomb Incorporated

Title	Country	Status	Filing Date	Application Number	Issue Date	Patent Number	Owner
TORIC CONTACT LENSES	United States	Granted	12/21/2006	11/614,514	4/1/2014	8684521	Bausch & Lomb Incorporated
SILOXANE PREPOLYMER CONTAINING PENDANT CATIONIC AND POLYMERIZABLE GROUPS	United States	Granted	12/15/2006	11/611,508	9/9/2014	8828420	Bausch & Lomb Incorporated
PROCESS FOR MAKING CATIONIC HYDROPHILIC SILOXANYL MONOMERS	United States	Granted	12/15/2006	11/611,512	11/2/2010	7825273	Bausch & Lomb Incorporated
PROCESS FOR MAKING CATIONIC HYDROPHILIC SILOXANYL MONOMERS	United States	Granted	9/24/2010	12/890,019	11/4/2014	8877829	Bausch & Lomb Incorporated
PRODUCTION LINE CONTROL USING SHIFT REGISTERS FOR CONTACT LENS MANUFACTURE	United States	Granted	6/16/2006	10/583,494	4/29/2008	7366580	Bausch & Lomb Incorporated
METHOD AND APPARATUS FOR ONLINE CONTACT LENS EVALUATION	United States	Granted	2/2/2007	10/565,877	8/10/2010	7771053	Bausch & Lomb Incorporated
OPHTHALMIC SURGICAL CASSETTE AND SYSTEM	United States	Granted	6/5/2007	11/758,048	11/6/2012	8303542	Bausch & Lomb Incorporated
OPHTHALMIC SURGICAL CASSETTE AND SYSTEM	United States	Granted	7/2/2012	13/539,886	8/20/2013	8512014	Bausch & Lomb Incorporated

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

Title	Country	Status	Filing Date	Application Number	Issue Date	Patent Number	Owner
AND A METHOD OF USING THE SAME							
METHOD OF TREATING INFLAMMATION OF THE EYE	United States	Granted	12/13/2007	11/955,418	2/9/2010	7659259	Bausch & Lomb Incorporated
MULTI-ELEMENT ACCOMMODATIVE INTRAOCULAR LENSE	United States	Granted	12/20/2007	11/961,420	12/24/2013	8613766	Bausch & Lomb Incorporated
SYNTHESIS OF CATIONIC SILOXANE PREPOLYMERS	United States	Granted	1/24/2008	12/018,910	5/31/2011	7951897	Bausch & Lomb Incorporated
METHOD AND APPARATUS FOR DETERMINING THE VISUAL ACUITY OF AN EYE	United States	Granted	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	United States	Granted	3/19/2008	12/051,289	1/20/2015	8937062	Bausch & Lomb Incorporated
OPHTHALMIC COMPOSITION WITH HYALURONIC ACID AND POLYMERIC BIGUANIDE	United States	Granted	4/25/2008	12/109,599	6/24/2014	8759321	Bausch & Lomb Incorporated
METHOD AND APPARATUS FOR EXTRAPOLATING	United States	Granted	6/27/2007	11/823,401	6/3/2014	8740381	Bausch & Lomb Incorporated

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

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

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

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

Title	Country	Status	Filing Date	Application Number	Issue Date	Patent Number	Owner
ASPIRATED FLUIDS							
METHOD AND APPARATUS FOR PERFORMING REMOTE CALIBRATION VERIFICATION	United States	Granted	12/17/2008	12/336,893	2/22/2011	7895011	Bausch & Lomb Incorporated
SYSTEM TO IDENTIFY VISCOSITY OF ASPIRATED MATERIAL DURING OPHTHALMIC SURGERY	United States	Granted	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	United States	Granted	12/22/2008	12/341,484	7/30/2013	8498512	Bausch & Lomb Incorporated
VARIABLE FREQUENCY PHACOEMULSIFICATION HANDPIECE	United States	Granted	12/22/2008	12/341,427	5/14/2013	8439938	Bausch & Lomb Incorporated
FLUOROQUINOLONE CARBOXYLIC ACID MOLECULAR CRYSTALS	United States	Granted	3/12/2010	12/723,047	7/9/2013	8481526	Bausch & Lomb Incorporated
FLUOROQUINOLONE CARBOXYLIC ACID MOLECULAR CRYSTALS	United States	Granted	3/14/2013	13/826,469	12/10/2013	8604020	Bausch & Lomb Incorporated
BIOMEDICAL DEVICES	United States	Granted	6/16/2009	12/456,419	10/25/2011	8043369	Bausch & Lomb Incorporated
BIOMEDICAL DEVICES	United States	Granted	9/7/2011	13/226,691	12/25/2012	8337551	Bausch & Lomb Incorporated

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

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

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

Title	Country	Status	Filing Date	Application Number	Issue Date	Patent Number	Owner
AND USES THEREOF							
OPHTHALMIC COMPOSITIONS CONTAINING DIGLYCINE	United States	Granted	2/6/2012	13/366,398	3/4/2014	8664180	Bausch & Lomb Incorporated
OPHTHALMIC PHARMACEUTICAL COMPOSITIONS AND METHODS OF MAKING AND USING SAME	United States	Granted	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	United States	Granted	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	United States	Granted	7/29/2013	13/952,795	4/7/2015	9001316	Bausch & Lomb Incorporated
METHOD OF MAKING A FULLY POLYMERIZED UV BLOCKING SILICONE HYDROGEL LENS	United States	Abandoned	5/25/2012	13/480,651	{11/28/2013 }	{20130313733}	Bausch & Lomb Incorporated
FULLY POLYMERIZED UV BLOCKING SILICONE HYDROGEL LENS	United States	Granted	5/25/2012	13/480,648	8/19/2014	8807745	Bausch & Lomb Incorporated

Title	Country	Status	Filing Date	Application Number	Issue Date	Patent Number	Owner
FULLY POLYMERIZED UV BLOCKING SILICONE HYDROGEL LENS	United States	Granted	12/20/2012	13/722,054	7/7/2015	9075187	Bausch & Lomb Incorporated
VIBRATING SURGICAL DEVICE FOR REMOVAL OF VITREOUS AND OTHER TISSUE	United States	Granted	10/14/2016	15/293,562	4/27/2021	10987246	Bausch & Lomb Incorporated
VIBRATING SURGICAL DEVICE FOR REMOVAL OF VITREOUS AND OTHER TISSUE	United States	Granted	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	United States	Granted	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	United States	Granted	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	United States	Granted	10/18/2012	13/655,048	1/13/2015	8931900	Bausch & Lomb Incorporated
IRRIGATION SLEEVE AND PHACOEMULSIFICATION NEEDLE WITH	United States	Granted	10/26/2012	13/661,493	4/17/2018	9943439	Bausch & Lomb Incorporated

Title	Country	Status	Filing Date	Application Number	Issue Date	Patent Number	Owner
SLEEVE RETENTION FEATURES							
OPHTHALMIC MULTIPLE WAVELENGTH LASER ILLUMINATOR WITH A GRAPHICAL USER INTERFACE	United States	Granted	11/6/2013	14/072,859	2/20/2018	9895056	Bausch & Lomb Incorporated
SYSTEM AND METHOD FOR FEMTO-FRAGMENTATION OF A CRYSTALLINE LENS	United States	Granted	3/12/2013	13/795,641	3/14/2017	9592157	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	United States	Granted	11/7/2012	13/670,968	7/28/2015	9091864	Bausch & Lomb Incorporated
HINGELESS CARTRIDGE FOR USE WITH AN INTRAOCULAR LENSE INJECTOR PROVIDING HAPTIC CONTROL	United States	Granted	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	United States	Granted	11/8/2013	14/075,845	1/19/2016	9237947	Bausch & Lomb Incorporated

Title	Country	Status	Filing Date	Application Number	Issue Date	Patent Number	Owner
METHOD OF PREPARING WATER EXTRACTABLE SILICON-CONTAINING BIOMEDICAL DEVICES	United States	Granted	12/20/2012	13/722,073	3/3/2015	8967799	Bausch & Lomb Incorporated
POLY(NITROGEN/AMINE) DERIVATIVES OF A NATURAL WAX AND OPHTHALMIC COMPOSITIONS	United States	Granted	1/23/2014	14/161,936	3/8/2016	9279095	Bausch & Lomb Incorporated
SYNTHESIS OF FREE RADICAL POLYMERIZABLE ETHYLENICALLY UNSATURATED POLOXAMERS AND POLOXAMINES	United States	Granted	6/18/2014	14/308,229	4/12/2016	9309357	Bausch & Lomb Incorporated
POSTERIOR CAPSULOTOMY USING LASER TECHNIQUES	United States	Granted	12/30/2014	14/412,168	9/18/2018	10076445	Bausch & Lomb Incorporated
LIGHT ABSORBING COMPOUNDS FOR OPTICAL POLYMERS	United States	Granted	1/19/2015	14/415,697	2/2/2016	9249249	Bausch & Lomb Incorporated
OPHTHALMIC COMPOSITIONS WITH ALKOXYLATED NATURAL WAXES	United States	Granted	8/7/2014	14/377,460	6/28/2016	9375401	Bausch & Lomb Incorporated
METHOD AND APPARATUS FOR DELAYING POLYMERIZATION	United States	Granted	9/2/2015	14/772,106	8/16/2022	11414501	Bausch & Lomb Incorporated

Title	Country	Status	Filing Date	Application Number	Issue Date	Patent Number	Owner
MINIMIZING BIOLOGICAL LIPID DEPOSITS ON CONTACT LENSES	United States	Granted	3/12/2015	14/427,928	4/17/2018	9943622	Bausch & Lomb Incorporated
ULTRASONIC NEEDLES AND TRANSDUCER ASSEMBLIES FORMED OF NON-METAL MATERIALS OR A COMBINATION OF MATERIALS	United States	Granted	4/20/2015	14/690,791	3/2/2021	10932948	Bausch & Lomb Incorporated
CAST MOLDING TORIC CONTACT LENSES	United States	Granted	4/27/2016	15/139,513	11/20/2018	10133089	Bausch & Lomb Incorporated
ULTRASONIC SURGICAL ASPIRATION NEEDLE ASSEMBLY WITH MOLDED HUB	United States	Granted	4/29/2016	15/142,932	Will issue on 11/1/2022	11484441	Bausch & Lomb Incorporated
VITREORETINAL TAMPONADES BASED ON FLUOROSILICONE FLUIDS	United States	Granted	9/19/2002	10/247,452	3/9/2004	6703378	Bausch & Lomb Incorporated
EYEWEAR MAGNIFYING LOUPE	United States	Granted	3/20/2003	10/393,634	7/20/2004	6764176	Bausch & Lomb Incorporated
OPHTHALMIC COMPOSITIONS CONTAINING DIGLYCINE	United States	Granted	2/6/2012	13/366,399	12/4/2012	8324171	Bausch & Lomb Incorporated
STERILIZATION OF INTRAOCULAR LENSES	United States	Granted	11/1/2012	13/666,051	6/17/2014	8753389	Bausch & Lomb Incorporated
STERILIZATION OF INTRAOCULAR LENSES	United States	Granted	12/7/2009	12/631,901	12/11/2012	8329097	Bausch & Lomb Incorporated
CONTACT LENS CASE	United States	Granted	3/12/2009	29/333,572	5/25/2010	D616198	Bausch & Lomb Incorporated

Title	Country	Status	Filing Date	Application Number	Issue Date	Patent Number	Owner
HAND HELD MAGNIFIER	United States	Granted	10/31/2012	29/436,021	4/15/2014	D702745	Bausch & Lomb Incorporated
HAND HELD MAGNIFIER	United States	Granted	10/31/2012	29/436,023	4/15/2014	D702746	Bausch & Lomb Incorporated
OPHTHALMIC DELIVERY DEVICE	United States	Expired	10/3/2001	09/970292	6/24/2003	6582422	Bausch & Lomb Incorporated
ASPIRATION FLOW METER AND CONTROL	United States	Expired	11/30/2001	09/997883	7/29/2003	6599277	Bausch & Lomb Incorporated
COLLECTION RESERVOIR FOR USE WITH FLOW METER CONTROL SYSTEM	United States	Expired	11/30/2001	09/997901	10/21/2003	6634237	Bausch & Lomb Incorporated
OPHTHALMIC ARTICLE INSPECTION SYSTEM	United States	Expired	11/30/2001	09/998492	9/7/2004	6788399	Bausch & Lomb Incorporated
HIGH REFRACTIVE INDEX POLYMERIC SILOXYSILANE COMPOSITIONS	United States	Expired	11/2/2001	10/000136	6/21/2005	6908978	Bausch & Lomb Incorporated
HIGH REFRACTIVE INDEX AROMATIC-BASED SILOXANE MONOFUNCTIONAL MACROMONOMERS	United States	Expired	11/2/2001	10/000137	5/4/2004	6730767	Bausch & Lomb Incorporated
OPHTHALMIC DELIVERY DEVICE	United States	Expired	10/3/2001	09/970292	6/24/2003	6582422	Bausch & Lomb Incorporated
HIGH REFRACTIVE INDEX POLYMERIC SILOXYSILANE COMPOSITIONS	United States	Expired	11/2/2001	10/003635	1/30/2007	7169874	Bausch & Lomb Incorporated
HIGH REFRACTIVE INDEX AROMATIC-BASED	United States	Expired	11/2/2001	10/004146	4/20/2004	6723816	Bausch & Lomb Incorporated

Title	Country	Status	Filing Date	Application Number	Issue Date	Patent Number	Owner
SILOXANE DIFUNCTIONAL MACROMONOMERS							
POLY(2-OXAZOLINE) BIOMEDICAL DEVICES	United States	Expired	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	United States	Expired	12/11/2001	10/013573	5/25/2004	6739721	Bausch & Lomb Incorporated
ABERROMETER CALIBRATION	United States	Expired	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	United States	Expired	12/19/2001	10/025424	2/10/2004	6689975	Bausch & Lomb Incorporated
FOOT CONTROLLER WITH OPHTHALMIC SURGERY INTERLOCK CIRCUIT AND METHOD	United States	Expired	10/025801	12/19/2001	10/28/2003	6639332	Bausch & Lomb Incorporated
ABERROMETER ILLUMINATION APPARATUS AND METHOD	United States	Expired	12/21/2001	10/025801	5/18/2004	6736509	Bausch & Lomb Incorporated
IRIS RECOGNITION AND TRACKING FOR OPTICAL	United States	Expired	2/20/2003	10/110892	12/12/2006	7146983	Bausch & Lomb Incorporated

Title	Country	Status	Filing Date	Application Number	Issue Date	Patent Number	Owner
TREATMENT							
WAVEFRONT SENSOR HAVING MULTI-POWER BEAM MODES, INDEPENDENT ADJUSTMENT CAMERA, AND ACCOMMODATION RANGE MEASUREMENT	United States	Expired	3/13/2003	10/110929	5/2/2006	7036934	Bausch & Lomb Incorporated
IMAGE REGISTRATION SYSTEM AND METHOD	United States	Granted	12/19/2002	10/325791	12/2/2003	6658282	Bausch & Lomb Incorporated
WAVEFRONT SENSOR HAVING MULTI-POWER BEAM MODES, INDEPENDENT ADJUSTMENT CAMERA, AND ACCOMMODATION RANGE MEASUREMENT	United States	Expired	3/6/2006	11/369105	12/1/2009	7625089	Bausch & Lomb Incorporated
IRIS RECOGNITION AND TRACKING FOR OPTICAL TREATMENT	United States	Granted	11/9/2006	11/595386	10/15/2013	8556885	Bausch & Lomb Incorporated
COMPOSITIONS AND METHODS FOR TREATING, REDUCING, AMELIORATING, OR PREVENTING INFECTIONS	United States	Granted	5/8/2012	12/115,914	5/6/2008	8173640	Bausch & Lomb Incorporated

Title	Country	Status	Filing Date	Application Number	Issue Date	Patent Number	Owner
HIGH REFRACTIVE INDEX AROMATIC-BASED SILOXANE DIFUNCTIONAL MACROMONOMERS	United States	Expired	9/18/2003	10/665946	3/7/2006	7009023	Bausch & Lomb Incorporated
METHOD AND MOLD TO CONTROL OPTICAL DEVICE POLYMERIZATION	United States	Expired	5/5/2004	10/839495	12/5/2006	7144528	Bausch & Lomb Incorporated
HIGH REFRACTIVE INDEX AROMATIC-BASED SILYL MONOMERS	United States	Expired	5/18/2004	10/848305	11/7/2006	7132494	Bausch & Lomb Incorporated
HIGH REFRACTIVE INDEX POLYMERIC SILOXYSILANE COMPOSITIONS	United States	Expired	1/21/2005	11/041172	11/21/2006	7138440	Bausch & Lomb Incorporated
HIGH REFRACTIVE INDEX POLYMERIC SILOXYSILANE COMPOSITIONS	United States	Expired	1/21/2005	11/041175	8/15/2006	7091299	Bausch & Lomb Incorporated
HIGH REFRACTIVE INDEX AROMATIC-BASED PREPOLYMERS	United States	Expired	1/31/2005	11/048501	7/11/2006	7074873	Bausch & Lomb Incorporated
HIGH REFRACTIVE-INDEX, HYDROPHILIC, ARYLSILOXY-CONTAINING MONOMERS AND POLYMERS, AND	United States	Expired	6/15/2005	11/153470	12/15/2009	7632904	Bausch & Lomb Incorporated

Title	Country	Status	Filing Date	Application Number	Issue Date	Patent Number	Owner
OPHTHALMIC DEVICES COMPRISING SUCH POLYMERS							
CONTACT LENS WITH HIGH-ORDER COMPENSATION FOR NON-AXISYMMETRIC STRUCTURE	United States	Granted	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	United States	Granted	12/16/2005	11/305606	9/9/2008	7423108	Bausch & Lomb Incorporated
CARBOXYLIC TRIS-LIKE SILOXANYL MONOMERS	United States	Expired	6/30/2006	11/480053	7/7/2009	7557231	Bausch & Lomb Incorporated
TORIC CONTACT LENSES	United States	Expired	12/21/2006	11/614503	11/24/2009	7621635	Bausch & Lomb Incorporated
OPHTHALMIC COMPOSITIONS WITH AN AMPHOTERIC SURFACTANT AND AN ANIONIC BIOPOLYMER	United States	Granted	1/31/2008	12/023509	8/4/2015	9096819	Bausch & Lomb Incorporated
IRIS PATTERN RECOGNITION AND ALIGNMENT	United States	Expired	2/1/2008	12/024415	5/29/2012	8186830	Bausch & Lomb Incorporated
BUBBLE REDUCTION SYSTEM	United States	Granted	11/14/2008	12/271,523	12/27/2011	8085392	Bausch & Lomb Incorporated
OPHTHALMIC SURGERY KITS FOR PRIMING	United States	Granted	4/26/2011	13/093950	10/14/2014	8858492	Bausch & Lomb Incorporated

Title	Country	Status	Filing Date	Application Number	Issue Date	Patent Number	Owner
TUBES FOR OPHTHALMIC SURGICAL PROCEDURES							
PROCESS FOR PREPARING VINYL CHLOROFORMATE	United States	Granted	6/27/2011	13/169085	9/25/2012	8273914	Bausch & Lomb Incorporated
COMPOSITIONS AND METHODS FOR TREATING, REDUCING, AMELIORATING, OR PREVENTING INFECTIONS	United States	Granted	4/3/2012	13/437965	12/18/2012	8334283	Bausch & Lomb Incorporated

Reel/Frame: 045444/0634 - 2/13/2018 Security Interest - The Bank of New York Mellon

Title	Country	Status	Filing Date	Application Number	Issue Date	Patent Number	Owner
QUINOLONE CARBOXYLIC ACID COMPOSITIONS AND RELATED METHODS OF TREATMENT	United States	Expired	4/25/2001	09/840871	2/3/2004	6685958	Bausch & Lomb Incorporated
ANTERIOR CHAMBER DIAMETER MEASUREMENT SYSTEM FROM LIMBAL RING MEASUREMENT	United States	Expired	7/30/2001	09/918678	12/14/2004	6830334	Bausch & Lomb Incorporated
CONTACT LENS	United States	Granted	7/2/2009	29/339,573	5/29/2012	D660893	Bausch & Lomb Incorporated
CONTACT LENS	United States	Granted	5/4/2012	29/420,128	11/27/2012	D671580	Bausch & Lomb Incorporated
METHOD FOR ENHANCING INTEGRITY OF EPITHELIUM USING RETINOIC ACID	United States	Granted	12/17/2001	10/023,351	9/7/2004	6787131	Bausch & Lomb Incorporated
METHOD FOR ENHANCING INTEGRITY OF EPITHELIUM USING RETINOIC ACID	United States	Granted	6/16/2004	10/869,432	8/8/2006	7087222	Bausch & Lomb Incorporated
OBJECTIVE MANIFEST REFRACTION	United States	Granted	3/18/2002	10/100,782	10/26/2004	6808266	Bausch & Lomb Incorporated
OBJECTIVE MANIFEST REFRACTION	United States	Granted	10/22/2004	10/972,096	4/18/2006	7029119	Bausch & Lomb Incorporated

Title	Country	Status	Filing Date	Application Number	Issue Date	Patent Number	Owner
NUTRITIONAL SUPPLEMENT TO TREAT MACULAR DEGENERATION	United States	Granted	1/13/2005	11/034,656	12/10/2013	8603522	Bausch & Lomb Incorporated Wyeth & US Government.
PRESBYOPIC VISION IMPROVEMENT	United States	Granted	10/18/2002	10/274,677	10/26/2004	6808265	Bausch & Lomb Incorporated
PRESBYOPIC VISION IMPROVEMENT	United States	Granted	10/22/2004	10/972,131	10/10/2006	7118214	Bausch & Lomb Incorporated
COMPOSITIONS AND METHODS FOR THE INDUCTION OF RETINAL DETACHMENTS	United States	Granted	5/31/2002	10/160,135	11/28/2006	7141610	Bausch & Lomb Incorporated
APPARATUS AND METHOD FOR MAKING INTRAOCULAR LENSES	United States	Granted	6/25/2002	10/180,797	9/6/2005	6939486	Bausch & Lomb Incorporated
LOW WATER CONTENT, HIGH REFRACTIVE INDEX, FLEXIBLE, POLYMERIC COMPOSITIONS	United States	Granted	6/19/2002	10/175,715	2/8/2005	6852793	Bausch & Lomb Incorporated
SMOOTHLY BLENDED OPTICAL SURFACES	United States	Granted	7/31/2002	10/210,708	1/18/2005	6843563	Bausch & Lomb Incorporated
SYSTEM AND METHOD FOR PREDICTIVE OPHTHALMIC CORRECTION	United States	Granted	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	United States	Granted	9/25/2002	10/254,382	11/16/2004	6817714	Bausch & Lomb Incorporated
WAVEFRONT-GENERATED CUSTOM OPHTHALMIC SURFACES	United States	Granted	9/25/2002	10/254,813	9/7/2004	6786603	Bausch & Lomb Incorporated
SPIDER-WEB PLACIDO PATTERN	United States	Granted	9/30/2002	10/261,539	12/28/2004	6834959	Bausch & Lomb Incorporated
SINGLE-CURVATURE PLACIDO PLATE WITH ADDITIONAL SURFACES	United States	Granted	12/16/2002	10/320,839	2/1/2005	6848791	Bausch & Lomb Incorporated
SURFACE TREATMENT OF MEDICAL DEVICE	United States	Granted	12/17/2002	10/321,949	10/25/2005	6958169	Bausch & Lomb Incorporated
POSITIVE PATIENT IDENTIFICATION	United States	Granted	3/25/2003	10/397,100	10/14/2008	7436986	Bausch & Lomb Incorporated
BLISTER PACKAGE STORAGE AND DISPENSING CONTAINER AND METHOD	United States	Granted	6/26/2003	10/606,704	7/26/2005	6920974	Bausch & Lomb Incorporated
PRELOADED IOL INJECTOR	United States	Granted	3/31/2004	10/813,862	9/9/2008	7422604	Bausch & Lomb Incorporated
PRELOADED IOL INJECTOR	United States	Granted	8/28/2003	10/651,785	9/30/2008	7429263	Bausch & Lomb Incorporated

Title	Country	Status	Filing Date	Application Number	Issue Date	Patent Number	Owner
PRELOADED IOL INJECTOR	United States	Granted	5/19/2005	11/132,526	8/2/2011	7988701	Bausch & Lomb Incorporated
PRELOADED IOL INJECTOR	United States	Granted	7/16/2010	12/837,585	3/8/2016	9277989	Bausch & Lomb Incorporated
NOVEL REACTIVE YELLOW DYES USEFUL FOR OCULAR DEVICES	United States	Granted	9/8/2003	10/657,495	8/29/2006	7098283	Bausch & Lomb Incorporated
NOVEL REACTIVE YELLOW DYES USEFUL FOR OCULAR DEVICES	United States	Granted	6/21/2006	11/472,235	12/4/2007	7304117	Bausch & Lomb Incorporated
PREPOLYMERS WITH YELLOW DYE MOIETY	United States	Granted	9/8/2003	10/657,639	7/19/2005	6918931	Bausch & Lomb Incorporated
PROCESS FOR MANUFACTURING INTRAOCULAR LENSES WITH BLUE LIGHT ABSORPTION CHARACTERISTICS	United States	Granted	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	United States	Granted	9/29/2003	10/673,859	1/30/2007	7168930	Bausch & Lomb Incorporated
PERISTALTIC PUMP WITH A MOVEABLE PUMP HEAD	United States	Granted	9/29/2003	10/673,296	11/4/2008	7445436	Bausch & Lomb Incorporated
PERISTALTIC PUMP FITMENT FOR ATTACHMENT TO AN ASPIRANT COLLECTION BAG	United States	Granted	9/29/2003	10/674,094	10/20/2009	7604607	Bausch & Lomb Incorporated
OPHTHALMIC LENS TRANSPORTATION AND INSPECTION CELL	United States	Granted	10/7/2003	10/680,759	7/18/2006	7079239	Bausch & Lomb Incorporated
MULTIFOCAL CONTACT LENS AND METHOD OF MANUFACTURE THEREOF	United States	Granted	12/16/2003	10/736,960	5/16/2006	7044597	Bausch & Lomb Incorporated
RAPID SWITCHING SLIT SCAN IMAGE CAPTURE SYSTEM	United States	Granted	12/10/2003	10/732,704	3/25/2008	7347549	Bausch & Lomb Incorporated
ASPHERIC LENSES AND LENS FAMILY	United States	Granted	10/12/2005	11/248,052	3/15/2011	7905917	Bausch & Lomb Incorporated
ASPHERIC LENSES AND LENS FAMILY	United States	Granted	10/28/2010	12/913,863	9/17/2013	8535376	Bausch & Lomb Incorporated
IOL INJECTOR	United States	Granted	3/31/2004	10/813,861	9/17/2013	8535331	Bausch & Lomb Incorporated
IOL INJECTOR	United States	Granted	3/31/2004	10/813,863	5/24/2011	7947049	Bausch & Lomb Incorporated
OLIGOSACCHARIDE-CONTAINING COMPOSITIONS AND USES THEREOF	United States	Granted	5/19/2004	10/848,848	3/20/2007	7192937	Bausch & Lomb Incorporated
POLYMERIZABLE SURFACTANTS AND THEIR USE AS DEVICE	United States	Granted	12/22/2004	11/020,541	6/12/2012	8197841	Bausch & Lomb Incorporated

Title	Country	Status	Filing Date	Application Number	Issue Date	Patent Number	Owner
FORMING COMONOMERS							
POLYMERIZABLE SURFACTANTS AND THEIR USE AS DEVICE FORMING COMONOMERS	United States	Granted	2/27/2012	13/405,604	2/19/2013	8377464	Bausch & Lomb Incorporated
NON-CIRCULAR PORTED PHACOEMULSIFICATION IRRIGATION SLEEVE	United States	Granted	12/20/2004	11/017,586	10/9/2012	8282594	Bausch & Lomb Incorporated
SMALL INCISION INTRAOCULAR LENS WITH ANTI-PCO FEATURE	United States	Granted	12/29/2004	11/025,405	8/4/2009	7569073	Bausch & Lomb Incorporated
SMALL INCISION INTRAOCULAR LENS WITH ANTI-PCO FEATURE	United States	Granted	6/30/2009	12/494,489	4/26/2011	7931686	Bausch & Lomb Incorporated
CORE LOCKING ASSEMBLY AND METHOD FOR ORIENTATION OF ASYMMETRIC TOOLING	United States	Granted	12/30/2004	11/027,381	9/8/2009	7585167	Bausch & Lomb Incorporated
CORE LOCKING ASSEMBLY AND METHOD FOR ORIENTATION OF ASYMMETRIC TOOLING	United States	Granted	7/30/2009	12/512,293	5/3/2011	7935280	Bausch & Lomb Incorporated
OPHTHALMIC FORMULATIONS AND USES THEREO	United States	Granted	6/7/2005	11/146,652	2/12/2013	8372814	Bausch & Lomb Incorporated
OPHTHALMIC FORMULATIONS AND USES THEREOF	United States	Granted	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	United States	Granted	3/28/2006	11/391,056	2/14/2012	8114420	Bausch & Lomb Incorporated
AROMATIC-BASED POLYSILOXANE PREPOLYMERS AND OPHTHALMIC DEVICES PRODUCED THEREFROM	United States	Granted	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	United States	Granted	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	United States	Granted	11/19/2008	12/273,624	8/24/2010	7781496	Bausch & Lomb Incorporated

Title	Country	Status	Filing Date	Application Number	Issue Date	Patent Number	Owner
NOVEL SYSTEM FOR SYNTHESIS OF DEVICE FORMING MONOMERS	United States	Granted	6/21/2006	11/471,991	6/29/2010	7745564	Bausch & Lomb Incorporated
MULTI-COMPONENT ACCOMMODATIVE INTRAOCULAR LENS WITH COMPRESSIBLE HAPTIC	United States	Granted	7/1/2005	11/173,704	9/22/2009	7591849	Bausch & Lomb Incorporated
ONLINE WAVEFRONT MEASUREMENT AND DISPLAY	United States	Granted	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	United States	Granted	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	United States	Granted	8/16/2006	10/550,437	12/23/2008	7467869	Bausch & Lomb Incorporated
SILICON-CONTAINING MONOMERS END-CAPPED WITH POLYMERIZABLE CATIONIC HYDROPHILIC GROUPS	United States	Granted	1/27/2006	11/341,209	7/20/2010	7759408	Bausch & Lomb Incorporated
TORIC CONTACT LENSES	United States	Granted	12/21/2006	11/614,514	4/1/2014	8684521	Bausch & Lomb Incorporated
SILOXANE PREPOLYMER CONTAINING PENDANT CATIONIC AND POLYMERIZABLE GROUPS	United States	Granted	12/15/2006	11/611,508	9/9/2014	8828420	Bausch & Lomb Incorporated
PROCESS FOR MAKING CATIONIC HYDROPHILIC SILOXANYL MONOMERS	United States	Granted	12/15/2006	11/611,512	11/2/2010	7825273	Bausch & Lomb Incorporated
PROCESS FOR MAKING CATIONIC HYDROPHILIC SILOXANYL MONOMERS	United States	Granted	9/24/2010	12/890,019	11/4/2014	8877829	Bausch & Lomb Incorporated
PRODUCTION LINE CONTROL USING SHIFT REGISTERS FOR CONTACT LENS MANUFACTURE	United States	Granted	6/16/2006	10/583,494	4/29/2008	7366580	Bausch & Lomb Incorporated
METHOD AND APPARATUS FOR ONLINE CONTACT LENS EVALUATION	United States	Granted	2/2/2007	10/565,877	8/10/2010	7771053	Bausch & Lomb Incorporated
OPHTHALMIC SURGICAL CASSETTE AND SYSTEM	United States	Granted	6/5/2007	11/758,048	11/6/2012	8303542	Bausch & Lomb Incorporated
OPHTHALMIC SURGICAL CASSETTE AND SYSTEM	United States	Granted	7/2/2012	13/539,886	8/20/2013	8512014	Bausch & Lomb Incorporated
APPARATUS AND METHOD FOR DETERMINING A POSITION OF AN EYE	United States	Granted	9/27/2006	11/528,130	1/20/2009	7478908	Bausch & Lomb Incorporated
HYDROPHILIC SILOXANYL MONOMERS WITH PENDANT	United States	Granted	7/31/2007	11/830,885	8/24/2010	7781558	Bausch & Lomb Incorporated

Title	Country	Status	Filing Date	Application Number	Issue Date	Patent Number	Owner
POLYMERIZABLE GROUPS							
OPHTHALMIC COMPOSITIONS CONTAINING DIGLYCINE	United States	Granted	10/17/2007	11/873,703	3/20/2012	8138156	Bausch & Lomb Incorporated
GROOVED ASPIRATION PUMP ROLLER-HEAD ASSEMBLY	United States	Granted	10/23/2006	11/585,045	7/9/2013	8480625	Bausch & Lomb Incorporated
METHOD OF INSERTING AN INTRAOCULAR LENSE	United States	Granted	10/20/2006	11/584,024	11/18/2014	8888845	Bausch & Lomb Incorporated
PHACOEMULSIFICATION CANNULA WITH IMPROVED PURCHASE	United States	Granted	11/10/2006	11/595,545	12/18/2012	8333741	Bausch & Lomb Incorporated
OPTICAL CALIBRATION SYSTEM AND METHOD	United States	Granted	12/13/2006	11/610,059	12/28/2010	7859677	Bausch & Lomb Incorporated
CORNEAL MEASUREMENT APPARATUS AND A METHOD OF USING THE SAME	United States	Granted	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	United States	Granted	12/11/2007	11/954,160	3/1/2011	7896497	Bausch & Lomb Incorporated
METHOD OF TREATING INFLAMMATION OF THE EYE	United States	Granted	12/13/2007	11/955,418	2/9/2010	7659259	Bausch & Lomb Incorporated
MULTI-ELEMENT ACCOMMODATIVE INTRAOCULAR LENSE	United States	Granted	12/20/2007	11/961,420	12/24/2013	8613766	Bausch & Lomb Incorporated
SYNTHESIS OF CATIONIC SILOXANE PREPOLYMERS	United States	Granted	1/24/2008	12/018,910	5/31/2011	7951897	Bausch & Lomb Incorporated
METHOD AND APPARATUS FOR DETERMINING THE VISUAL ACUITY OF AN EYE	United States	Granted	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	United States	Granted	3/19/2008	12/051,289	1/20/2015	8937062	Bausch & Lomb Incorporated
OPHTHALMIC COMPOSITION WITH HYALURONIC ACID AND POLYMERIC BIGUANIDE	United States	Granted	4/25/2008	12/109,599	6/24/2014	8759321	Bausch & Lomb Incorporated
METHOD AND APPARATUS FOR EXTRAPOLATING DIAGNOSTIC DATA	United States	Granted	6/27/2007	11/823,401	6/3/2014	8740381	Bausch & Lomb Incorporated
SILICONE HYDROGEL WITH COMPOSITE HYDROPHILIC AND SILICONE POLYMERS PREPARED WITH	United States	Granted	7/8/2008	12/168,943	3/8/2011	7901073	Bausch & Lomb Incorporated

Title	Country	Status	Filing Date	Application Number	Issue Date	Patent Number	Owner
SELECTIVE CROSSLINK AGENTS							
CROSSLINK AGENTS	United States	Granted	1/11/2011	13/004,228	8/28/2012	8252850	Bausch & Lomb Incorporated
CROSSLINK AGENTS AND DUAL RADICAL CURE POLYMER	United States	Granted	7/8/2008	12/168,944	11/8/2011	8053489	Bausch & Lomb Incorporated
CROSSLINK AGENTS AND DUAL RADICAL CURE POLYMER	United States	Granted	9/12/2011	13/230,024	1/8/2013	8349912	Bausch & Lomb Incorporated
APPARATUS AND METHOD FOR SEALING A LIDSTOCK TO A CONTAINER	United States	Granted	9/9/2008	12/282,174	11/16/2010	7832188	Bausch & Lomb Incorporated
PACKAGING SOLUTIONS	United States	Granted	10/23/2007	11/876,862	7/23/2013	8490782	Bausch & Lomb Incorporated
PACKAGING SOLUTIONS	United States	Granted	6/14/2013	13/917,734	12/27/2016	9527617	Bausch & Lomb Incorporated
MOLDS FOR PRODUCTION OF OPHTHALMIC DEVICES	United States	Granted	10/31/2007	11/931,205	9/11/2012	8262952	Bausch & Lomb Incorporated
HIGH WATER CONTENT SILICONE HYDROGELS	United States	Granted	11/10/2008	12/267,660	5/3/2011	7934830	Bausch & Lomb Incorporated
EYE LENGTH MEASUREMENT APPARATUS	United States	Granted	12/11/2007	11/954,146	9/21/2010	7800759	Bausch & Lomb Incorporated
ABERROMETER HAVING REDUCED NOISE	United States	Granted	12/12/2007	11/955,003	1/25/2011	7874674	Bausch & Lomb Incorporated
RECESSED ELECTRODES FOR SENSING FLOW IN OPHTHALMIC SURGICAL SYSTEM	United States	Granted	12/17/2007	11/957,841	11/23/2010	7837660	Bausch & Lomb Incorporated
AIR SEPARATOR FOR OPHTHALMIC SURGICAL SYSTEM	United States	Granted	12/13/2007	11/955,638	5/11/2010	7712360	Bausch & Lomb Incorporated
ASPIRATION FLOW MEASUREMENT SYSTEM WITH FLOW SIGNAL AIR BUBBLE FILTER	United States	Granted	11/13/2008	12/270,209	11/22/2011	8061216	Bausch & Lomb Incorporated
OPHTHALMIC INSTRUMENT ALIGNMENT APPARATUS AND METHOD OF USING SAME	United States	Granted	12/15/2008	12/334,896	11/17/2015	9186059	Bausch & Lomb Incorporated
METHOD OF FORMING A BIOMEDICAL DEVICE INCLUDING AN OPHTHALMIC DEVICE	United States	Granted	12/19/2008	12/339,745	12/14/2010	7850878	Bausch & Lomb Incorporated
PACKAGING SOLUTIONS	United States	Granted	10/27/2008	12/258,916	11/23/2010	7837934	Bausch & Lomb Incorporated
HIGH WATER CONTENT OPHTHALMIC DEVICES	United States	Granted	1/8/2009	12/350,262	3/20/2012	8138290	Bausch & Lomb Incorporated
HIGH WATER CONTENT OPHTHALMIC DEVICES	United States	Granted	2/10/2012	13/370,364	3/5/2013	8389597	Bausch & Lomb Incorporated

Title	Country	Status	Filing Date	Application Number	Issue Date	Patent Number	Owner
OPHTHALMIC COMPOSITIONS WITH AN AMPHOTERIC SURFACTANT AND HYALURONIC ACID	United States	Granted	9/3/2008	12/203,384	2/21/2012	8119112	Bausch & Lomb Incorporated
POLYSILOXANES AND POLYSILOXANE PREPOLYMERS WITH VINYL OR EPOXY FUNCTIONALITY	United States	Granted	3/5/2008	12/042,378	8/24/2010	7781554	Bausch & Lomb Incorporated
THIN IOL	United States	Granted	3/18/2009	11/719,471	1/19/2016	9237946	Bausch & Lomb Incorporated
OPHTHALMIC COMPOSITIONS COMPRISING A DIPEPTIDE	United States	Granted	3/25/2008	12/054,577	1/14/2014	8629099	Bausch & Lomb Incorporated
PHARMACEUTICAL FORMULATIONS COMPRISING STABILIZED POLYSACCHARIDES AND SOURCE OF HYDROGEN PEROXIDE	United States	Granted	5/19/2009	12/468,136	11/1/2016	9481856	Bausch & Lomb Incorporated
IOL INJECTOR COMPRISING A MOVEABLE SIDE WALL	United States	Granted	7/9/2008	12/170,061	2/24/2015	8961601	Bausch & Lomb Incorporated
BESIFLOXACIN OPHTHALMIC COMPOSITION FOR THE TREATMENT OR CONTROL OF INFECTION	United States	Granted	10/23/2009	12/604,422	4/9/2013	8415342	Bausch & Lomb Incorporated
EYE MEASUREMENT APPARATUS AND METHODS OF USING SAME	United States	Granted	11/5/2008	12/264,965	1/10/2012	8092024	Bausch & Lomb Incorporated
METHOD AND APPARATUS FOR MAKING AND PROCESSING ABERRATION MEASUREMENTS	United States	Granted	11/6/2008	12/266,019	8/28/2012	8254724	Bausch & Lomb Incorporated
POLYMORPHS OF BRIMONIDINE PAMOATE	United States	Granted	10/23/2009	12/604,427	10/11/2011	8034813	Bausch & Lomb Incorporated
POLYMORPHS OF BRIMONIDINE PAMOATE	United States	Granted	9/15/2011	13/233,052	4/16/2013	8420648	Bausch & Lomb Incorporated
POLYMORPHS OF BRIMONIDINE PAMOATE	United States	Granted	3/14/2013	13/826,496	1/28/2014	8637514	Bausch & Lomb Incorporated
POLYMORPHS OF BRIMONIDINE PAMOATE	United States	Granted	3/14/2013	13/826,516	1/28/2014	8637515	Bausch & Lomb Incorporated
OPHTHALMIC SURGICAL CASSETTES FOR OPHTHALMIC SURGERY	United States	Granted	11/14/2008	12/270,998	4/7/2015	8998864	Bausch & Lomb Incorporated
FLOW CONTROL SYSTEM BASED ON LEAKAGE	United States	Granted	12/8/2008	12/329,863	4/24/2012	8162919	Bausch & Lomb Incorporated
SYSTEM FOR OPERATING AND CONTROLLING A	United States	Granted	12/8/2008	12/329,872	12/11/2012	8328835	Bausch & Lomb Incorporated

Title	Country	Status	Filing Date	Application Number	Issue Date	Patent Number	Owner
PNEUMATICALLY DRIVEN VITRECTOMY PROBE							
DEVICE FOR COLLECTION OF ASPIRATED FLUIDS	United States	Granted	12/11/2008	12/332,853	8/20/2013	8512302	Bausch & Lomb Incorporated
METHOD AND APPARATUS FOR PERFORMING REMOTE CALIBRATION VERIFICATION	United States	Granted	12/17/2008	12/336,893	2/22/2011	7895011	Bausch & Lomb Incorporated
SYSTEM TO IDENTIFY VISCOSITY OF ASPIRATED MATERIAL DURING OPHTHALMIC SURGERY	United States	Granted	12/19/2008	12/339,374	10/7/2014	8854221	Bausch & Lomb Incorporated
CONTROLLING BEAM INTENSITY IN AN OPHTHALMIC FIBER OPTIC ILLUMINATION SYSTEM USING ROTABLE PLATE ARRAYS	United States	Granted	12/22/2008	12/341,484	7/30/2013	8498512	Bausch & Lomb Incorporated
VARIABLE FREQUENCY PHACOEMULSIFICATION HANDPIECE	United States	Granted	12/22/2008	12/341,427	5/14/2013	8439938	Bausch & Lomb Incorporated
METHOD FOR PREPARING SUSPENSIONS OF LOW-SOLUBILITY MATERIALS	United States	Granted	10/21/2014	14/519,776	10/3/2017	9775802	Bausch & Lomb Incorporated
FLUOROQUINOLONE CARBOXYLIC ACID MOLECULAR CRYSTALS	United States	Granted	3/12/2010	12/723,047	7/9/2013	8481526	Bausch & Lomb Incorporated
FLUOROQUINOLONE CARBOXYLIC ACID MOLECULAR CRYSTALS	United States	Granted	3/14/2013	13/826,469	12/10/2013	8604020	Bausch & Lomb Incorporated
BIOMEDICAL DEVICES	United States	Granted	6/16/2009	12/456,419	10/25/2011	8043369	Bausch & Lomb Incorporated
BIOMEDICAL DEVICES	United States	Granted	9/7/2011	13/226,691	12/25/2012	8337551	Bausch & Lomb Incorporated
BIOMEDICAL DEVICES	United States	Granted	6/16/2009	12/456,420	12/27/2011	8083348	Bausch & Lomb Incorporated
BIOMEDICAL DEVICES	United States	Granted	6/16/2009	12/456,421	3/13/2012	8133960	Bausch & Lomb Incorporated
BIOMEDICAL DEVICES	United States	Granted	6/16/2009	12/456,423	3/15/2016	9285508	Bausch & Lomb Incorporated
FAST ALGORITHM FOR STREAMING WAVEFRONT	United States	Granted	8/4/2010	12/866,122	11/19/2013	8588487	Bausch & Lomb Incorporated
MONO ETHYLENICALLY UNSATURATED POLYMERIZABLE GROUP CONTAINING POLYCARBOSILOXANE MONOMERS	United States	Granted	7/8/2010	12/832,174	4/16/2013	8420711	Bausch & Lomb Incorporated
MONO ETHYLENICALLY UNSATURATED	United States	Granted	7/9/2009	12/499,854	8/9/2011	7994356	Bausch & Lomb Incorporated

Title	Country	Status	Filing Date	Application Number	Issue Date	Patent Number	Owner
POLYCARBOSILOXANE MONOMERS							
MONO ETHYLENICALLY UNSATURATED POLYMERIZABLE GROUP CONTAINING POLYCARBOSILOXANE MONOMERS	United States	Granted	3/1/2013	13/781,880	9/9/2014	8827447	Bausch & Lomb Incorporated
ETHYLENICALLY UNSATURATED POLYMERIZABLE GROUPS COMPRISING POLYCARBOSILOXANE MONOMERS	United States	Granted	3/15/2013	13/841,145	5/26/2015	9039174	Bausch & Lomb Incorporated
MONO ETHYLENICALLY UNSATURATED POLYCARBOSILOXANE MONOMERS	United States	Granted	7/9/2009	12/499,853	3/29/2011	7915323	Bausch & Lomb Incorporated
ILLUMINATION DEVICE AND METHOD OF USE FOR OPHTHALMIC SURGERY	United States	Granted	8/26/2010	12/868,777	10/16/2012	8287525	Bausch & Lomb Incorporated
CONTACT LENS	United States	Granted	7/13/2010	12/835,048	6/11/2013	8461226	Bausch & Lomb Incorporated
STERILE HYALURONIC ACID SOLUTIONS	United States	Granted	2/9/2010	12/702,540	10/9/2012	8283463	Bausch & Lomb Incorporated
STERILE HYALURONIC ACID SOLUTIONS	United States	Granted	8/1/2012	13/564,161	9/10/2013	8530641	Bausch & Lomb Incorporated
INTRAOCULAR LENS	United States	Granted	4/1/2010	12/752,466	5/28/2013	8449611	Bausch & Lomb Incorporated
OPHTHALMIC COMPOSITIONS WITH BIGUANIDE AND PEG-GLYCEROL ESTERS	United States	Granted	3/28/2011	13/072,998	8/6/2013	8501200	Bausch & Lomb Incorporated
OPHTHALMIC COMPOSITIONS WITH BIGUANIDE AND PEG-GLYCEROL ESTERS	United States	Granted	5/3/2013	13/886,571	11/18/2014	8889160	Bausch & Lomb Incorporated
METHOD AND SYSTEM OF MEASURING TORIC LENS AXIS ANGLE	United States	Granted	4/28/2010	12/769,015	4/7/2015	8999209	Bausch & Lomb Incorporated
METHOD AND SYSTEM OF MEASURING TORIC LENS AXIS ANGLE	United States	Published	2/25/2015	14/630,700	{6/28/2015}	{20150168251}	Bausch & Lomb Incorporated
PEROXIDE CONTACT LENS CARE SOLUTION	United States	Granted	1/24/2011	13/012,018	1/13/2015	8932646	Bausch & Lomb Incorporated
PEROXIDE CONTACT LENS CARE SOLUTION	United States	Granted	3/15/2013	13/835,237	11/20/2018	10130733	Bausch & Lomb Incorporated
CONTACT LENS CARE SYSTEM WITH PEROXIDE	United States	Granted	7/22/2011	13/189,046	4/21/2015	9011932	Bausch & Lomb Incorporated
PNEUMATIC SURGICAL INSTRUMENT DETECTION SYSTEM	United States	Granted	12/29/2010	12/980,733	3/26/2013	8403917	Bausch & Lomb Incorporated
ERGONOMIC HAND-OPERABLE FLUID-DISPENSING DEVICE	United States	Granted	2/1/2011	13/018,889	11/17/2015	9186690	Bausch & Lomb Incorporated

Title	Country	Status	Filing Date	Application Number	Issue Date	Patent Number	Owner
BEPOTASTINE COMPOSITIONS	United States	Granted	5/2/2012	13/462,466	8/11/2020	10736841	Bausch & Lomb Incorporated
SYSTEM AND METHOD FOR PERFORMING LENS FRAGMENTATION	United States	Granted	3/30/2012	13/436,352	10/11/2012	10716706	Technolas Perfect Vision GMBH Bausch & Lomb Incorporated
APPARATUS AND METHODS FOR ILLUMINATING SUBSTANCES USING COLOR TO ACHIEVE VISUAL CONTRAST	United States	Granted	5/16/2011	13/108,483	9/16/2014	8838212	Bausch & Lomb Incorporated
CONTACT LENSES HAVING HYBRID ORIENTATION FEATURES	United States	Granted	5/25/2012	13/481,041	4/8/2014	8690320	Bausch & Lomb Incorporated
PHARMACEUTICAL COMPOSITIONS COMPRISING MUSHROOM-BASED POLYSACCHARIDES AND USES THEREOF	United States	Granted	5/10/2012	13/468,125	10/14/2014	8859525	Bausch & Lomb Incorporated
BROMFENAC BIOAVAILABILITY	United States	Granted	11/4/2016	15/343,457	10/2/2018	10085958	Bausch & Lomb Incorporated
BROMFENAC BIOAVAILABILITY	United States	Granted	10/11/2012	13/649,271	12/13/2016	9517220	Bausch & Lomb Incorporated
OPHTHALMIC COMPOSITIONS CONTAINING DIGLYCINE	United States	Granted	2/6/2012	13/366,398	3/4/2014	8664180	Bausch & Lomb Incorporated
OPHTHALMIC PHARMACEUTICAL COMPOSITIONS AND METHODS OF MAKING AND USING SAME	United States	Granted	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	United States	Granted	3/11/2013	13/792,931	12/22/2015	9216066	Technolas Perfect Vision GMBH 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	United States	Granted	7/29/2013	13/952,795	4/7/2015	9001316	Bausch & Lomb Incorporated
METHOD OF MAKING A FULLY POLYMERIZED UV BLOCKING SILICONE HYDROGEL LENS	United States	Abandoned	5/25/2012	13/480,651	{11/28/2013}	{20130313733}	Bausch & Lomb Incorporated
FULLY POLYMERIZED UV BLOCKING SILICONE HYDROGEL LENS	United States	Granted	5/25/2012	13/480,648	8/19/2014	8807745	Bausch & Lomb Incorporated

Title	Country	Status	Filing Date	Application Number	Issue Date	Patent Number	Owner
FULLY POLYMERIZED UV BLOCKING SILICONE HYDROGEL LENS	United States	Granted	12/20/2012	13/722,054	7/7/2015	9075187	Bausch & Lomb Incorporated
VIBRATING SURGICAL DEVICE FOR REMOVAL OF VITREOUS AND OTHER TISSUE	United States	Granted	10/14/2016	15/293,562	4/27/2021	10987246	Bausch & Lomb Incorporated
VIBRATING SURGICAL DEVICE FOR REMOVAL OF VITREOUS AND OTHER TISSUE	United States	Granted	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	United States	Granted	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	United States	Granted	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	United States	Granted	10/18/2012	13/655,048	1/13/2015	8931900	Bausch & Lomb Incorporated
IRRIGATION SLEEVE AND PHACOEMULSIFICATION NEEDLE WITH SLEEVE RETENTION FEATURES	United States	Granted	10/26/2012	13/661,493	4/17/2018	9943439	Bausch & Lomb Incorporated
OPHTHALMIC MULTIPLE WAVELENGTH LASER ILLUMINATOR WITH A GRAPHICAL USER INTERFACE	United States	Granted	11/6/2013	14/072,859	2/20/2018	9895056	Bausch & Lomb Incorporated
SYSTEM AND METHOD FOR FEMTO-FRAGMENTATION OF A CRYSTALLINE LENS	United States	Granted	3/12/2013	13/795,641	3/14/2017	9592157	Technolas Perfect Vision GMBH Bausch & Lomb Incorporated
SYSTEM AND METHOD FOR FEMTO-FRAGMENTATION OF A CRYSTALLINE LENS	United States	Granted	1/23/2017	15/412,980	5/22/2018	9974692	Technolas Perfect Vision GMBH 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	United States	Granted	11/7/2012	13/670,968	7/28/2015	9091864	Bausch & Lomb Incorporated
HINGELESS CARTRIDGE FOR USE WITH AN INTRAOCULAR LENSE	United States	Granted	11/9/2012	13/673,330	10/13/2015	9155615	Bausch & Lomb Incorporated

Title	Country	Status	Filing Date	Application Number	Issue Date	Patent Number	Owner
INJECTOR PROVIDING HAPTIC CONTROL							
HINGELESS CARTRIDGE FOR USE WITH AN INTRAOCULAR LENSE INJECTOR PROVIDING HAPTIC CONTROL	United States	Granted	11/8/2013	14/075,845	1/19/2016	9237947	Bausch & Lomb Incorporated
METHOD OF PREPARING WATER EXTRACTABLE SILICON-CONTAINING BIOMEDICAL DEVICES	United States	Granted	12/20/2012	13/722,073	3/3/2015	8967799	Bausch & Lomb Incorporated
POLY(NITROGEN/AMINE) DERIVATIVES OF A NATURAL WAX AND OPHTHALMIC COMPOSITIONS	United States	Granted	1/23/2014	14/161,936	3/8/2016	9279095	Bausch & Lomb Incorporated
SYNTHESIS OF FREE RADICAL POLYMERIZABLE ETHYLENICALLY UNSATURATED POLOXAMERS AND POLOXAMINES	United States	Granted	6/18/2014	14/308,229	4/12/2016	9309357	Bausch & Lomb Incorporated
POSTERIOR CAPSULOTOMY USING LASER TECHNIQUES	United States	Granted	12/30/2014	14/412,168	9/18/2018	10076445	Technolas Perfect Vision GMBH Bausch & Lomb Incorporated
LIGHT ABSORBING COMPOUNDS FOR OPTICAL POLYMERS	United States	Granted	1/19/2015	14/415,697	2/2/2016	9249249	Bausch & Lomb Incorporated
OPHTHALMIC COMPOSITIONS WITH ALKOXYLATED NATURAL WAXES	United States	Granted	8/7/2014	14/377,460	6/28/2016	9375401	Bausch & Lomb Incorporated
METHOD AND APPARATUS FOR DELAYING POLYMERISATION	United States	Granted	9/2/2015	14/772,106	8/16/2022	11414501	Bausch & Lomb Incorporated
MINIMIZING BIOLOGICAL LIPID DEPOSITS ON CONTACT LENSES	United States	Granted	3/12/2015	14/427,928	4/17/2018	9943622	Bausch & Lomb Incorporated
OPHTHALMIC SUSPENSION COMPOSITION	United States	Granted	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	United States	Granted	4/20/2015	14/690,791	3/2/2021	10932948	Bausch & Lomb Incorporated
CAST MOLDING TORIC CONTACT LENSES	United States	Granted	4/27/2016	15/139,513	11/20/2018	10133089	Bausch & Lomb Incorporated
METHOD FOR OBTAINING CONTACT LENSES WITH DYNAMICALLY	United States	Granted	5/26/2016	15/165,044	3/24/2020	10598955	Bausch & Lomb Incorporated

Title	Country	Status	Filing Date	Application Number	Issue Date	Patent Number	Owner
CONTROLLED SAGITTA AND CLEARANCE							
ULTRASONIC SURGICAL ASPIRATION NEEDLE ASSEMBLY WITH MOLDED HUB	United States	Granted	4/29/2016	15/142,932	Will issue on 11/1/2022	11484441	Bausch & Lomb Incorporated
PRISM BALLASTED CONTACT LENS	United States	Granted	6/30/2017	15/640,207	4/30/2019	10274751	Bausch & Lomb Incorporated
METHOD AND APPARATUS FOR FORMING A LENS	United States	Granted	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	United States	Granted	9/19/2017	15/708,873	7/28/2020	10722346	Bausch & Lomb Incorporated
VITREORETINAL TAMPONADES BASED ON FLUOROSILICONE FLUIDS	United States	Granted	9/19/2002	10/247,452	3/9/2004	6703378	Bausch & Lomb Incorporated
EYEWEAR MAGNIFYING LOUPE	United States	Granted	3/20/2003	10/393,634	7/20/2004	6764176	Bausch & Lomb Incorporated
OPHTHALMIC COMPOSITIONS CONTAINING DIGLYCINE	United States	Granted	2/6/2012	13/366,399	12/4/2012	8324171	Bausch & Lomb Incorporated
STERILIZATION OF INTRAOCULAR LENSES	United States	Granted	11/1/2012	13/666,051	6/17/2014	8753389	Bausch & Lomb Incorporated
STERILIZATION OF INTRAOCULAR LENSES	United States	Granted	12/7/2009	12/631,901	12/11/2012	8329097	Bausch & Lomb Incorporated
CONTACT LENS CASE	United States	Granted	3/12/2009	29/333,572	5/25/2010	D616198	Bausch & Lomb Incorporated
HAND HELD MAGNIFIER	United States	Granted	10/31/2012	29/436,021	4/15/2014	D702745	Bausch & Lomb Incorporated
HAND HELD MAGNIFIER	United States	Granted	10/31/2012	29/436,023	4/15/2014	D702746	Bausch & Lomb Incorporated
OPHTHALMIC COMPOSITION COMPRISING A BETA-BLOCKER	United States	Granted	12/28/2000	09/647987	6/4/2002	6399605	LABORATOIRE CHAUVIN S.A.S.
METHOD AND SYSTEM FOR IMPROVING VISION	United States	Granted	10/19/2001	10/045694	12/16/2021	6926710	Technolas Perfect Vision GmbH
METHOD AND SYSTEM FOR IMPROVING VISION	United States	Granted	6/22/2005	11/158365	4/20/2010	7699837	Technolas Perfect Vision GmbH
CORNEAL CURVATURE MODIFICATION VIA INTERNAL ABLATION	United States	Granted	3/3/1992	07/844879	7/24/2001	6264648	Technolas Perfect Vision GmbH

Title	Country	Status	Filing Date	Application Number	Issue Date	Patent Number	Owner
ZERO COMPRESSION MICROKERATOME CUTTING HEAD ASSEMBLY	United States	Granted	12/15/2000	09/738129	4/29/2003	6554847	Technolas Perfect Vision GmbH
CUSTOMIZED CORNEAL PROFILING	United States	Granted	2/3/2003	10/110922	7/3/2007	7237898	Technolas Perfect Vision GmbH
CUSTOMIZED REFRACTIVE CORRECTION	United States	Granted	9/30/2002	10/110894	4/4/2006	7022117	Technolas Perfect Vision GmbH
SYSTEM AND METHOD FOR EVALUATING A SECONDARY LASIK TREATMENT	United States	Granted	12/12/2002	10/318443	9/6/2005	6939342	Technolas Perfect Vision GmbH
BAR-LINK DRIVE SYSTEM FOR A MICROKERATOME	United States	Granted	3/23/2004	10/807420	8/24/2010	7780689	Technolas Perfect Vision GmbH
LASER VISION CORRECTION APPARATUS AND CONTROL METHOD	United States	Expired	6/27/2002	10/184441	11/9/2004	6814729	Technolas Perfect Vision GmbH
SYSTEM AND METHOD FOR THE TREATMENT OF A PATIENTS EYE WORKING AT HIGH SPEED	United States	Granted	2/15/2008	12/063900	11/6/2012	8303578	Technolas Perfect Vision GmbH
METHOD AND APPARATUS FOR CALCULATING A LASER SHOT FILE FOR USE IN AN EXCIMER LASER	United States	Granted	12/19/2013	14/134541	5/2/2017	9636256	Technolas Perfect Vision GmbH
STEPPED MICROKERATOME BLADE HOLDER	United States	Granted	3/29/2007	11/729465	4/12/2011	7922736	Technolas Perfect Vision GmbH
Combination of excimer laser ablation and femtosecond laser technology	United States	Granted	1/28/2011	13/015979	10/15/2013	8556886	Technolas Perfect Vision GmbH
DETERMINATION AND MONITORING OF LASER ENERGY	United States	Granted	9/17/2010	12/747221	2/26/2013	8385618	Technolas Perfect Vision GmbH
Apparatus and method for providing a laser shot file	United States	Granted	4/29/2011	13/098267	5/24/2016	9345620	Technolas Perfect Vision GmbH
TREATMENT PATTERN MONITOR	United States	Granted	12/7/2010	12/962318	3/5/2013	8388610	Technolas Perfect Vision GmbH
SYSTEM AND METHOD WITH REFRACTIVE CORRECTIONS FOR CONTROLLED PLACEMENT OF A LASER BEAM'S FOCAL POINT	United States	Granted	3/8/2012	13/415679	8/19/2014	8807752	Technolas Perfect Vision GmbH

Title	Country	Status	Filing Date	Application Number	Issue Date	Patent Number	Owner
Surgical Laser Unit with Variable Modes of Operation	United States	Granted	4/18/2012	13/450180	4/25/2017	9629750	Technolas Perfect Vision GmbH
ADAPTABLE PATIENT INTERFACE	United States	Granted	3/12/2013	13/796047	3/28/2017	9603744	Technolas Perfect Vision GmbH
DIMENSIONAL COMPENSATOR FOR USE WITH A PATIENT INTERFACE	United States	Granted	3/11/2013	13/793396	7/26/2016	9398979	Technolas Perfect Vision GmbH
SYSTEM AND METHOD FOR CONTROLLING THE FOCAL POINT LOCATIONS OF A LASER BEAM	United States	Granted	3/15/2013	13/835090			Technolas Perfect Vision GmbH
CLOSED LOOP CONTROL FOR REFRACTIVE LASER SURGERY (LASIK)	United States	Granted	10/17/2000	09/690774	8/6/2002	6428533	Technolas Perfect Vision GmbH
ABERRATION-FREE DELIVERY SYSTEM	United States	Granted	10/17/2000	09/690776	5/7/2002	6382797	Technolas Perfect Vision GmbH
METHOD FOR PROGRAMMING AN ACTIVE MIRROR TO MIMIC A WAVEFRONT	United States	Granted	2/25/2000	09/512440	4/24/2001	6220707	Technolas Perfect Vision GmbH
METHOD FOR SEPARATING LAMELLAE	United States	Granted	2/14/2001	09/783665	9/17/2002	6451006	Technolas Perfect Vision GmbH
DEVICE AND METHOD FOR CREATING A CORNEAL REFERENCE FOR AN EYETRACKER	United States	Granted	4/25/2001	09/842354	6/17/2003	6579282	Technolas Perfect Vision GmbH
DEVICE AND METHOD FOR PERFORMING REFRACTIVE SURGERY	United States	Granted	10/12/2001	09/976177	8/26/2003	6610051	Technolas Perfect Vision GmbH
APPARATUS AND METHOD FOR CREATING A CORNEAL FLAP	United States	Granted	11/28/2001	09/997167	11/4/2003	6641577	Technolas Perfect Vision GmbH
CORNEA CONTACT SYSTEM FOR LASER SURGERY	United States	Granted	5/24/2002	10/155810	5/4/2004	6730074	Technolas Perfect Vision GmbH
CLOSED LOOP CONTROL FOR INTRASTROMAL WAVEFRONT-GUIDED ABLATION	United States	Granted	11/13/2002	10/293226	5/3/2005	6887232	Technolas Perfect Vision GmbH
CUSTOMIZED CORNEAL FLAP	United States	Granted	7/26/2005	11/190052	2/16/2010	7662149	Technolas Perfect Vision GmbH
SYSTEM AND METHOD FOR PHOTOABLATION USING MULTIPLE FOCAL	United States	Expired	3/7/2007	11/682976	5/18/2010	7717906	Technolas Perfect Vision GmbH

Title	Country	Status	Filing Date	Application Number	Issue Date	Patent Number	Owner
POINTS WITH ROTATING BEAM SPLITTER							
LASER SYSTEM AND METHOD FOR GENERATION OF A PULSE SEQUENCE WITH CONTROLLABLE PARAMETERS AND COMPUTER PROGRAM PRODUCT	United States	Granted	8/6/2003	10/635154	10/3/2006	7116688	Technolas Perfect Vision GmbH
EYE POSITION CONTROL MONITOR FOR LASER VISION CORRECTION	United States	Granted	11/20/2003	10/718980	11/22/2005	6966905	Technolas Perfect Vision GmbH
SYSTEM AND METHOD FOR POSITIONING A PATIENT FOR LASER SURGERY	United States	Granted	3/1/2004	10/790625	7/22/2008	7402159	Technolas Perfect Vision GmbH
BEAM STEERING SYSTEM FOR CORNEAL LASER SURGERY	United States	Granted	4/9/2004	10/821402	11/17/2009	7618415	Technolas Perfect Vision GmbH
BEAM STEERING SYSTEM FOR CORNEAL LASER SURGERY	United States	Granted	2/8/2008	12/028687	2/16/2010	7662147	Technolas Perfect Vision GmbH
METHOD FOR INTRASTROMAL PHOTODISRUPTION OF DOME-SHAPED SURFACES	United States	Granted	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	United States	Granted	8/31/2004	10/930730	4/22/2008	7360893	Technolas Perfect Vision GmbH
SYSTEMS AND METHODS FOR INTRASTROMAL SCANNING PATTERNS	United States	Granted	11/12/2004	10/987542	2/16/2010	7662148	Technolas Perfect Vision GmbH
TIME-RESOLVED SCANNING PATTERNS FOR INTRASTROMAL SURGERY	United States	Granted	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	United States	Granted	12/17/2004	11/015338	2/22/2011	7892225	Technolas Perfect Vision GmbH
DEVICE AND METHOD FOR ALIGNING AN EYE WITH A SURGICAL LASER	United States	Granted	2/25/2005	11/066726	6/24/2008	7390089	Technolas Perfect Vision GmbH
CORNEA CONTACT SYSTEM	United States	Granted	10/21/2005	11/256649	6/7/2011	7955324	Technolas Perfect Vision GmbH
EYE POSITION INSTRUMENT	United States	Granted	10/21/2005	29/241030	D559388	1/8/2008	Technolas Perfect Vision GmbH

Title	Country	Status	Filing Date	Application Number	Issue Date	Patent Number	Owner
PATIENT INTERFACE FOR CORNEAL SURGERY	United States	Granted	2/16/2006	29/254066	2/3/2009	D585990	Technolas Perfect Vision GmbH
MATERIAL PROCESSING SYSTEM WITH VARIABLE REPETITION RATE LASER	United States	Granted	7/27/2006	11/460567	1/5/2010	7643521	Technolas Perfect Vision GmbH
SYSTEM AND METHOD FOR PRECISE BEAM POSITIONING IN OCULAR SURGERY	United States	Granted	1/19/2007	11/625213	1/3/2012	8088124	Technolas Perfect Vision GmbH
System and Method for Precise Beam Positioning in Ocular Surgery	United States	Granted	7/25/2011	13/189723	9/10/2013	8528566	Technolas Perfect Vision GmbH
METHOD FOR INTRASTROMAL REFRACTIVE SURGERY	United States	Granted	12/17/2007	11/958202	5/18/2010	7717907	Technolas Perfect Vision GmbH
METHOD PATTERNS FOR INTRASTROMAL REFRACTIVE SURGERY	United States	Granted	4/17/2008	12/105195	5/18/2010	7717908	Technolas Perfect Vision GmbH
SYSTEM FOR PERFORMING INTRASTROMAL REFRACTIVE SURGERY	United States	Granted	5/14/2010	12/780180	4/2/2013	8409179	Technolas Perfect Vision GmbH
FINITE ELEMENT MODELING OF THE CORNEA	United States	Granted	1/18/2008	12/016857	11/30/2010	7844425	Technolas Perfect Vision GmbH
COMPUTER CONTROL FOR BIO-MECHANICAL ALTERATION OF THE CORNEA	United States	Granted	1/18/2008	12/016558	6/3/2014	8740888	Technolas Perfect Vision GmbH
SYSTEM AND METHOD FOR ALTERING INTERNAL STRESS DISTRIBUTIONS TO RESHAPE A MATERIAL	United States	Granted	4/16/2008	12/104401	5/21/2013	8444633	Technolas Perfect Vision GmbH
SYSTEM AND METHOD FOR STRAY LIGHT COMPENSATION OF CORNEAL CUTS	United States	Granted	5/30/2008	12/130937	9/10/2013	8529557	Technolas Perfect Vision GmbH
SYSTEM AND METHOD FOR CORRECTING HIGHER ORDER ABERRATIONS WITH CHANGES IN INTRASTROMAL BIOMECHANICAL STRESS DISTRIBUTIONS	United States	Granted	1/27/2009	12/360715	2/5/2013	8366701	Technolas Perfect Vision GmbH
System and Method for Refractive Surgery with Augmentation by Intrastromal Corrective Procedures	United States	Granted	1/27/2009	12/360726	7/30/2013	8496651	Technolas Perfect Vision GmbH
MINIMIZING THE SIDE-EFFECTS OF REFRACTIVE CORRECTIONS USING STATISTICALLY DETERMINED	United States	Granted	1/6/2009	12/349257	2/19/2013	8377048	Technolas Perfect Vision GmbH

Title	Country	Status	Filing Date	Application Number	Issue Date	Patent Number	Owner
IRREGULARITIES IN INTRASTROMAL INCISIONS							
SYSTEM AND METHOD FOR POSTOPERATIVE CAPSULAR BAG CONTROL	United States	Granted	12/28/2011	13/338872	7/19/2016	9393155	Technolas Perfect Vision GmbH
NON-BUBBLE FORMING DROPPER TIP	United States	Granted	4/22/1998	09/064331	8/22/2000	6105828	Bausch & Lomb Incorporated
ADJUSTABLE MAGNIFYING APPARATUS AND METHOD FOR VIEWING VIDEO OR COMPUTER SCREENS	United States	Granted	4/21/1998	09/063589	7/9/2002	6417894	Bausch & Lomb Incorporated
METHOD FOR IDENTIFYING CHARACTERISTICS OF CONTACT LENSES	United States	Granted	4/2/1998	09/054133	6/27/2000	6079826	Bausch & Lomb Incorporated
TORIC CONTACT LENSES	United States	Granted	3/27/1998	09/049246	9/5/2000	6113236	Bausch & Lomb Incorporated
SILICONE-CONTAINING PREPOLYMERS AND LOW WATER MATERIALS	United States	Granted	4/29/1998	09/069785	11/9/1999	5981669	Bausch & Lomb Incorporated
HYDROXY OR AMINO TERMINATED HYDROPHILIC POLYMERS	United States	Granted	5/15/1998	09/079779	12/28/1999	6008317	Bausch & Lomb Incorporated
THERMOPLASTIC SILICONE-CONTAINING HYDROGELS	United States	Granted	5/15/1998	09/079780	10/19/1999	5969076	Bausch & Lomb Incorporated
METHOD FOR MAKING CONTACT LENSES HAVING UV ABSORBING PROPERTIES	United States	Granted	5/15/1998	09/079781	6/22/1999	5914355	Bausch & Lomb Incorporated
METHOD FOR POLYMERIZING CONTACT LENSES HAVING UV ABSORBING PROPERTIES	United States	Granted	5/15/1998	09/079783	8/31/1999	5945465	Bausch & Lomb Incorporated
DEVICE FOR INSERTING A FLEXIBLE INTRAOCULAR LENS	United States	Granted	5/19/1998	09/081130	4/16/2002	6371960	Bausch & Lomb Incorporated
INTRAOCULAR LENS PACKAGING SYSTEM METHOD OF PRODUCING AND METHOD OF USING	United States	Granted	6/5/1998	09/092514	2/6/2001	6183513	Bausch & Lomb Incorporated
INJECTION MOLDING PROCESS FOR ROTATIONALLY ASYMMETRIC CONTACT LENS SURFACES	United States	Granted	6/9/1998	09/095703	10/19/1999	5968422	Bausch & Lomb Incorporated
MONOMERS USEFUL FOR CONTACT LENS MATERIALS	United States	Granted	8/10/1998	09/131756	9/28/1999	5959117	Bausch & Lomb Incorporated
AUTOMATED CAST MOLD HYDRATING DEVICE	United States	Granted	8/27/1998	09/140925	11/7/2000	6143210	Bausch & Lomb Incorporated

Title	Country	Status	Filing Date	Application Number	Issue Date	Patent Number	Owner
METHOD FOR LATHING A LENS	United States	Granted	9/9/1998	09/146366	8/3/1999	5931068	Bausch & Lomb Incorporated
LENS HYDRATION APPARATUS AND METHOD	United States	Granted	9/3/1998	09/146367	5/30/2000	6068798	Bausch & Lomb Incorporated
METHOD AND APPARATUS FOR DETECTING CONTACT LENSES	United States	Granted	9/11/1998	09/151560	9/26/2000	6124594	Bausch & Lomb Incorporated
CURRENT COMPENSATION SYSTEM FOR DRIVING ELECTRIC MOTOR	United States	Granted	9/26/1998	09/161255	3/28/2000	6043623	Bausch & Lomb Incorporated
OPHTHALMIC ASPIRATION SYSTEM WITH SELECTABLE VENT METHOD	United States	Granted	10/15/1998	09/173451	7/4/2000	6083195	Bausch & Lomb Incorporated
TREATMENT OF CONTACT LENSES WITH AQUEOUS SOLUTION COMPRISING A BIGUANIDE DISINFECTANT AND A COMPLEMENTARY PHOSPHATE-BORATE BUFFER SYSTEM	United States	Granted	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	United States	Granted	11/12/1998	09/190790	10/30/2001	6309658	Bausch & Lomb Incorporated
SILICONE-CONTAINING MACROMONOMERS AND LOW WATER MATERIALS	United States	Granted	12/7/1998	09/206470	11/9/1999	5981675	Bausch & Lomb Incorporated
HIGH REFRACTIVE INDEX HYDROGEL COMPOSITIONS FOR OPHTHALMIC IMPLANTS	United States	Granted	12/11/1998	09/209552	12/11/2001	6329485	Bausch & Lomb Incorporated
TREATMENT OF CONTACT LENSES WITH AQUEOUS SOLUTION COMPRISING A BIGUANIDE DISINFECTANT STABILIZED BY A POLOXAMINE	United States	Granted	12/15/1998	09/211547	10/30/2001	6309596	Bausch & Lomb Incorporated
CONTACT LENS PACKAGE	United States	Granted	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	United States	Granted	12/16/1998	09/212461	12/26/2000	6164777	Bausch & Lomb Incorporated
MULTIPLE PORT PHACO NEEDLE	United States	Granted	12/18/1998	09/215893	10/3/2000	6126629	Bausch & Lomb Incorporated
METHOD AND COMPOSITION FOR REWETTING AND	United States	Granted	12/22/1998	09/218505	3/14/2000	6037328	Bausch & Lomb Incorporated

Title	Country	Status	Filing Date	Application Number	Issue Date	Patent Number	Owner
PREVENTING DEPOSITS ON CONTACT LENSES							
TORIC AXIS ALIGNMENT MACHINE AND METHOD	United States	Granted	1/12/1999	09/228858	3/6/2001	6197227	Bausch & Lomb Incorporated
VARIABLE MULTIPLE COLOR LED ILLUMINATION SYSTEM	United States	Granted	3/12/1999	09/267523	2/6/2001	6183086	Bausch & Lomb Incorporated
METHOD AND APPARATUS FOR IMAGING AND ANALYSIS OF OCULAR TISSUE	United States	Granted	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	United States	Granted	5/20/1999	09/315912	3/13/2001	6200626	Bausch & Lomb Incorporated
METHOD FOR LATHING A LENS	United States	Granted	7/2/1999	09/346825	11/13/2001	6315650	Bausch & Lomb Incorporated
INTRACOCULAR LENSES	United States	Granted	7/29/1999	09/364225	2/3/2004	6685741	Bausch & Lomb Incorporated
MOLD FOR MAKING ROTATIONALLY ASYMMETRIC CONTACT LENSES	United States	Granted	9/9/1999	09/392595	10/23/2001	6305661	Bausch & Lomb Incorporated
ACCOMMODATING POSITIVE AND NEGATIVE INTRAOCULAR LENS SYSTEM	United States	Granted	11/5/1999	09/434635	7/27/2004	6767363	Bausch & Lomb Incorporated
CONTACT LENS PACKING SOLUTIONS	United States	Granted	2/22/2000	09/445003	8/27/2002	6440366	Bausch & Lomb Incorporated
HYDROXY OR AMINO TERMINATED HYDROPHILIC POLYMERS	United States	Granted	12/22/1999	09/470064	7/31/2001	6268467	Bausch & Lomb Incorporated
Silicone-containing prepolymers	United States	Granted	2/25/2000	09/512905	4/17/2001	6218503	Bausch & Lomb Incorporated
Multifocal lens article	United States	Granted	3/10/2000	09/522512	6/12/2001	6244709	Bausch & Lomb Incorporated
Acquisition of multiple eye topography exams	United States	Granted	3/23/2000	09/534095	6/11/2002	6402319	Bausch & Lomb Incorporated
Eye measurement system	United States	Granted	3/24/2000	09/535410	5/15/2001	6231186	Bausch & Lomb Incorporated
Method for separating packages	United States	Granted	3/30/2000	09/538883	7/3/2001	6253912	Bausch & Lomb Incorporated
Lens hydration apparatus and method	United States	Granted	4/24/2000	09/557121	2/6/2001	6183236	Bausch & Lomb Incorporated

Title	Country	Status	Filing Date	Application Number	Issue Date	Patent Number	Owner
Method for determination of water transport in biocompatible materials	United States	Granted	5/10/2000	09/568290	10/9/2001	6298713	Bausch & Lomb Incorporated
APPARATUS AND METHOD FOR CLAMPING AND RELEASING CONTACT LENS MOLDS	United States	Granted	5/31/2000	09/583586	2/4/2003	6514436	Bausch & Lomb Incorporated
System for packaging and dispensing dry contact lenses	United States	Granted	6/8/2000	09/589831	7/17/2001	6260695	Bausch & Lomb Incorporated
METHODS AND APPARATUS FOR SEPARATING MATERIAL FROM A MOLD SURFACE	United States	Granted	7/31/2000	09/628517	4/9/2002	6368096	Bausch & Lomb Incorporated
Method of making ocular devices	United States	Granted	7/31/2000	09/628974	4/2/2002	6364934	Bausch & Lomb Incorporated
Method of making lens with colored portion	United States	Granted	8/11/2000	09/637246	6/19/2001	6248266	Bausch & Lomb Incorporated
INTRAOCULAR LENS IMPLANTS FOR THE PREVENTION OF SECONDARY CATARACTS	United States	Granted	8/21/2000	09/642966	8/24/2002	6454802	Bausch & Lomb Incorporated
CUSTOMIZED VISION CORRECTION METHOD AND BUSINESS	United States	Granted	9/13/2000	09/661028	12/31/2002	6499843	Bausch & Lomb Incorporated
Article transfer method	United States	Granted	11/13/2000	09/711603	8/21/2001	6276797	Bausch & Lomb Incorporated
DRY POLISHING OF INTRAOCULAR LENSES	United States	Granted	12/11/2000	09/734439	10/21/2003	6634931	Bausch & Lomb Incorporated
APPARATUS AND METHOD FOR EDGING A CONTACT LENS	United States	Granted	12/21/2000	09/746852	8/26/2003	6609958	Bausch & Lomb Incorporated
NUTRITIONAL SUPPLEMENT TO TREAT MACULAR DEGENERATION	United States	Granted	3/23/2001	09/816284	12/9/2003	6660297	Bausch & Lomb Incorporated
METHOD FOR LATHING A LENS	United States	Granted	9/25/2001	09/963889	9/7/2004	6786802	Bausch & Lomb Incorporated
OPHTHALMIC DELIVERY DEVICE	United States	Expired	10/3/2001	09/970292	6/24/2003	6582422	Bausch & Lomb Incorporated
ASPIRATION FLOW METER AND CONTROL	United States	Expired	11/30/2001	09/997883	7/29/2003	6599277	Bausch & Lomb Incorporated
COLLECTION RESERVOIR FOR USE WITH FLOW METER CONTROL SYSTEM	United States	Expired	11/30/2001	09/997901	10/21/2003	6634237	Bausch & Lomb Incorporated
OPHTHALMIC ARTICLE INSPECTION SYSTEM	United States	Expired	11/30/2001	09/998492	9/7/2004	6788399	Bausch & Lomb Incorporated

Title	Country	Status	Filing Date	Application Number	Issue Date	Patent Number	Owner
HIGH REFRACTIVE INDEX POLYMERIC SILOXYSILANE COMPOSITIONS	United States	Expired	11/2/2001	10/000136	6/21/2005	6908978	Bausch & Lomb Incorporated
HIGH REFRACTIVE INDEX AROMATIC-BASED SILOXANE MONOFUNCTIONAL MACROMONOMERS	United States	Expired	11/2/2001	10/000137	5/4/2004	6730767	Bausch & Lomb Incorporated
HIGH REFRACTIVE INDEX POLYMERIC SILOXYSILANE COMPOSITIONS	United States	Expired	11/2/2001	10/003635	1/30/2007	7169874	Bausch & Lomb Incorporated
HIGH REFRACTIVE INDEX AROMATIC-BASED SILOXANE DIFUNCTIONAL MACROMONOMERS	United States	Expired	11/2/2001	10/004146	4/20/2004	6723816	Bausch & Lomb Incorporated
POLY(2-OXAZOLINE) BIOMEDICAL DEVICES	United States	Expired	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	United States	Expired	12/11/2001	10/013573	5/25/2004	6739721	Bausch & Lomb Incorporated
ABERROMETER CALIBRATION	United States	Expired	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	United States	Expired	12/19/2001	10/025424	2/10/2004	6689975	Bausch & Lomb Incorporated
FOOT CONTROLLER WITH OPHTHALMIC SURGERY INTERLOCK CIRCUIT AND METHOD	United States	Expired	10/025801	12/19/2001	10/28/2003	6639332	Bausch & Lomb Incorporated
ABERROMETER ILLUMINATION APPARATUS AND METHOD	United States	Expired	12/21/2001	10/025801	5/18/2004	6736509	Bausch & Lomb Incorporated
IRIS RECOGNITION AND TRACKING FOR OPTICAL TREATMENT	United States	Expired	2/20/2003	10/110892	12/12/2006	7146983	Bausch & Lomb Incorporated
WAVEFORNT SENSOR HAVING MULTI-POWER BEAM MODES, INDEPENDENT ADJUSTMENT CAMERA, AND ACCOMMODATION RANGE MEASUREMENT	United States	Expired	3/13/2003	10/110929	5/2/2006	7036934	Bausch & Lomb Incorporated
QUINOLONE CARBOXYLIC ACID COMPOSITIONS AND RELATED METHODS OF TREATMENT	United States	Granted	4/22/2002	10/126513	3/2/2004	6699492	Bausch & Lomb Incorporated
CONTACT LENS PACKING SOLUTIONS	United States	Granted	7/18/2002	10/198819	3/2/2004	6699435	Bausch & Lomb Incorporated

Title	Country	Status	Filing Date	Application Number	Issue Date	Patent Number	Owner
POLYSILSESQUIOXANE CONTAINING POLYMERIC COMPOSITIONS	United States	Granted	9/13/2002	10/243564	4/3/2007	7198639	Bausch & Lomb Incorporated
CONTACT LENS MATERIAL	United States	Granted	11/12/2002	10/293056	7/13/2004	6762264	Bausch & Lomb Incorporated
IMAGE REGISTRATION SYSTEM AND METHOD	United States	Granted	12/19/2002	10/325791	12/2/2003	6658282	Bausch & Lomb Incorporated
MOIRE ABERROMETER	United States	Granted	3/25/2003	10/397099	3/11/2008	7341348	Bausch & Lomb Incorporated
SEQUENTIAL SCANNING WAVEFRONT MEASUREMENT AND RETINAL TOPOGRAPHY	United States	Granted	11/15/2004	10/498455	11/20/2007	7296895	Bausch & Lomb Incorporated
HIGH REFRACTIVE INDEX AROMATIC-BASED SILOXANE DIFUNCTIONAL MACROMONOMERS	United States	Expired	9/18/2003	10/665946	3/7/2006	7009023	Bausch & Lomb Incorporated
CONTACT LENS MATERIALS	United States	Granted	1/15/2004	10/758156	7/26/2005	6921802	Bausch & Lomb Incorporated
METHOD AND MOLD TO CONTROL OPTICAL DEVICE POLYMERIZATION	United States	Expired	5/5/2004	10/839495	12/5/2006	7144528	Bausch & Lomb Incorporated
HIGH REFRACTIVE INDEX AROMATIC-BASED SILYL MONOMERS	United States	Expired	5/18/2004	10/848305	11/7/2006	7132494	Bausch & Lomb Incorporated
COMPOSITIONS CONTAINING TRIALKANOLAMINE ALKOXYLATE BUFFER	United States	Granted	8/26/2004	10/926514	12/8/2009	7629386	Bausch & Lomb Incorporated
DOT RADIAL RINGED PLACIDO	United States	Granted	12/16/2004	11/013597	5/22/2007	7219998	Bausch & Lomb Incorporated
HIGH REFRACTIVE INDEX POLYMERIC SILOXYSILANE COMPOSITIONS	United States	Expired	1/21/2005	11/041172	11/21/2006	7138440	Bausch & Lomb Incorporated
HIGH REFRACTIVE INDEX POLYMERIC SILOXYSILANE COMPOSITIONS	United States	Expired	1/21/2005	11/041175	8/15/2006	7091299	Bausch & Lomb Incorporated
HIGH REFRACTIVE INDEX AROMATIC-BASED PREPOLYMERS	United States	Expired	1/31/2005	11/048501	7/11/2006	7074873	Bausch & Lomb Incorporated
HIGH REFRACTIVE-INDEX, HYDROPHILIC, ARYLSILOXY-CONTAINING MONOMERS AND POLYMERS, AND OPHTHALMIC DEVICES COMPRISING SUCH POLYMERS	United States	Expired	6/15/2005	11/153470	12/15/2009	7632904	Bausch & Lomb Incorporated
CONTACT LENS WITH HIGH-ORDER COMPENSATION FOR	United States	Granted	12/9/2005	11/164898	2/6/2007	7172285	Bausch & Lomb Incorporated

Title	Country	Status	Filing Date	Application Number	Issue Date	Patent Number	Owner
NON-AXISYMMETRIC STRUCTURE							
HIGH REFRACTIVE-INDEX SILOXY-CONTAINING MONOMERS AND POLYMERS, AND OPHTHALMIC DEVICES COMPRISING SUCH POLYMERS	United States	Granted	12/16/2005	11/305606	9/9/2008	7423108	Bausch & Lomb Incorporated
CATIONIC HYDROPHILIC SILOXANYL MONOMERS	United States	Granted	1/27/2006	11/341208	11/24/2009	7622512	Bausch & Lomb Incorporated
WAVEFRONT SENSOR HAVING MULTI-POWER BEAM MODES, INDEPENDENT ADJUSTMENT CAMERA, AND ACCOMMODATION RANGE MEASUREMENT	United States	Expired	3/6/2006	11/369105	12/1/2009	7625089	Bausch & Lomb Incorporated
CATIONIC END-CAPPED SILOXANE PREPOLYMER FOR REDUCED CROSS-LINK DENSITY	United States	Granted	4/13/2006	11/403393	6/14/2011	7960447	Bausch & Lomb Incorporated
COMPOSITION AND METHOD FOR CLEANING LIPID DEPOSITS ON CONTACT LENSES	United States	Granted	5/30/2006	11/442789	10/16/2007	7282178	Bausch & Lomb Incorporated
POLYMERIZABLE SILOXANE-QUATERNARY AMINE COPOLYMERS	United States	Granted	6/30/2006	11/479608	12/23/2008	7468397	Bausch & Lomb Incorporated
BUBBLE REDUCTION SYSTEM	United States	Granted	11/14/2008	12/271523	12/27/2011	8085392	Bausch & Lomb Incorporated
METHODS AND APPARATUS FOR FACILITATING ELIMINATION OF AMBIENT LIGHT FROM AN IMAGE	United States	Granted	11/6/2008	12/266026	10/23/2012	8295635	Bausch & Lomb Incorporated
LENS CARE SOLUTIONS COMPRISING ALKYLDIMONIUM HYDROXYPROPYL ALKYLGLUCOSIDES	United States	Granted	9/22/2008	12/235171	12/15/2009	7632794	Bausch & Lomb Incorporated
HEATED MOLD TOOLING	United States	Granted	3/6/2008	12/043643	4/27/2010	7704417	Bausch & Lomb Incorporated
IRIS PATTERN RECOGNITION AND ALIGNMENT	United States	Expired	2/1/2008	12/024415	5/29/2012	8186830	Bausch & Lomb Incorporated
OPHTHALMIC COMPOSITIONS WITH AN AMPHOTERIC SURFACTANT AND AN ANIONIC BIOPOLYMER	United States	Granted	1/31/2008	12/023509	8/4/2015	9096819	Bausch & Lomb Incorporated
BIGUANIDE COMPOSITION WITH LOW TERMINAL AMINE	United States	Granted	10/2/2007	11/865746	3/1/2011	7897553	Bausch & Lomb Incorporated

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EYE ILLUMINATION APPARATUS AND METHOD	United States	Granted	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	United States	Granted	3/26/2007	11/691125	3/2/2010	7670997	Bausch & Lomb Incorporated
TORIC CONTACT LENSES	United States	Expired	12/21/2006	11/614503	11/24/2009	7621635	Bausch & Lomb Incorporated
IRIS RECOGNITION AND TRACKING FOR OPTICAL TREATMENT	United States	Granted	11/9/2006	11/595386	10/15/2013	8556885	Bausch & Lomb Incorporated
SILOXANE PREPOLYMER CONTAINING PENDANT AND END-CAPPING CATIONIC AND POLYMERIZABLE GROUPS	United States	Granted	11/30/2006	11/565151	5/5/2009	7528208	Bausch & Lomb Incorporated
CARBOXYLIC TRIS-LIKE SILOXANYL MONOMERS	United States	Expired	6/30/2006	11/480053	7/7/2009	7557231	Bausch & Lomb Incorporated
BUBBLE REMOVAL SYSTEM	United States	Granted	12/1/2008	12/325353	10/11/2011	8035809	Bausch & Lomb Incorporated
APPARATUS COMPRISING AN OPTICAL PATH DELAY	United States	Granted	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	United States	Granted	5/19/2009	12/515440	1/31/2012	8105070	Bausch & Lomb Incorporated
CONTACT LENS SOLUTION WITH A TERTIARY AMINE OXIDE	United States	Granted	10/7/2009	12/574732	9/8/2015	9125405	Bausch & Lomb Incorporated
PACKAGING SOLUTIONS	United States	Granted	12/18/2009	12/641434	1/21/2014	8631631	Bausch & Lomb Incorporated
PACKAGING SOLUTIONS	United States	Granted	12/18/2009	12/641483	9/17/2013	8534031	Bausch & Lomb Incorporated
Brush CoPolymers	United States	Granted	12/18/2009	12/641490	4/16/2013	8419792	Bausch & Lomb Incorporated
SYNTHESIS OF CATIONIC SILOXANE PREPOLYMERS	United States	Granted	3/3/2011	13/039912	3/20/2012	8138288	Bausch & Lomb Incorporated
OPHTHALMIC SURGERY KITS FOR PRIMING TUBES FOR OPHTHALMIC SURGICAL PROCEDURES	United States	Granted	4/26/2011	13/093950	10/14/2014	8858492	Bausch & Lomb Incorporated
PROCESS FOR PREPARING VINYL CHLOROFORMATE	United States	Granted	6/27/2011	13/169085	9/25/2012	8273914	Bausch & Lomb Incorporated

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

Reel/Frame: 048556/0758 - 3/8/2019 Security Interest - The Bank of New York Mellon

Title	Country	Status	Filing Date	Application Number	Issue Date	Patent Number	Owner
QUINOLONE CARBOXYLIC ACID COMPOSITIONS AND RELATED METHODS OF TREATMENT	United States	Expired	4/25/2001	09/840871	2/3/2004	6685958	Bausch & Lomb Incorporated
ANTERIOR CHAMBER DIAMETER MEASUREMENT SYSTEM FROM LIMBAL RING MEASUREMENT	United States	Expired	7/30/2001	09/918678	12/14/2004	6830334	Bausch & Lomb Incorporated
CONTACT LENS	United States	Granted	7/2/2009	29/339,573	5/29/2012	D660893	Bausch & Lomb Incorporated
CONTACT LENS	United States	Granted	5/4/2012	29/420,128	11/27/2012	D671580	Bausch & Lomb Incorporated
METHOD FOR ENHANCING INTEGRITY	United States	Granted	12/17/2001	10/023,351	9/7/2004	6787131	Bausch & Lomb Incorporated

Title	Country	Status	Filing Date	Application Number	Issue Date	Patent Number	Owner
OF EPITHELIUM USING RETINOIC ACID							
METHOD FOR ENHANCING INTEGRITY OF EPITHELIUM USING RETINOIC ACID	United States	Granted	6/16/2004	10/869,432	8/8/2006	7087222	Bausch & Lomb Incorporated
OBJECTIVE MANIFEST REFRACTION	United States	Granted	3/18/2002	10/100,782	10/26/2004	6808266	Bausch & Lomb Incorporated
OBJECTIVE MANIFEST REFRACTION	United States	Granted	10/22/2004	10/972,096	4/18/2006	7029119	Bausch & Lomb Incorporated
NUTRITIONAL SUPPLEMENT TO TREAT MACULAR DEGENERATION	United States	Granted	1/13/2005	11/034,656	12/10/2013	8603522	Bausch & Lomb Incorporated, Wyeth & US Government, Bausch Health Companies Inc
PRESBYOPIC VISION IMPROVEMENT	United States	Granted	10/18/2002	10/274,677	10/26/2004	6808265	Bausch & Lomb Incorporated
PRESBYOPIC VISION IMPROVEMENT	United States	Granted	10/22/2004	10/972,131	10/10/2006	7118214	Bausch & Lomb Incorporated
COMPOSITIONS AND METHODS FOR THE INDUCTION OF RETINAL DETACHMENTS	United States	Granted	5/31/2002	10/160,135	11/28/2006	7141610	Bausch & Lomb Incorporated
APPARATUS AND METHOD FOR MAKING INTRAOCULAR LENSES	United States	Granted	6/25/2002	10/180,797	9/6/2005	6939486	Bausch & Lomb Incorporated
LOW WATER CONTENT, HIGH REFRACTIVE INDEX, FLEXIBLE,	United States	Granted	6/19/2002	10/175,715	2/8/2005	6852793	Bausch & Lomb Incorporated

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

Title	Country	Status	Filing Date	Application Number	Issue Date	Patent Number	Owner
R AND METHOD							
PRELOADED IOL INJECTOR	United States	Granted	3/31/2004	10/813,862	9/9/2008	7422604	Bausch & Lomb Incorporated
PRELOADED IOL INJECTOR	United States	Granted	8/28/2003	10/651,785	9/30/2008	7429263	Bausch & Lomb Incorporated
PRELOADED IOL INJECTOR	United States	Granted	5/19/2005	11/132,526	8/2/2011	7988701	Bausch & Lomb Incorporated
PRELOADED IOL INJECTOR	United States	Granted	7/16/2010	12/837,585	3/8/2016	9277989	Bausch & Lomb Incorporated
NOVEL REACTIVE YELLOW DYES USEFUL FOR OCULAR DEVICES	United States	Granted	9/8/2003	10/657,495	8/29/2006	7098283	Bausch & Lomb Incorporated
NOVEL REACTIVE YELLOW DYES USEFUL FOR OCULAR DEVICES	United States	Granted	6/21/2006	11/472,235	12/4/2007	7304117	Bausch & Lomb Incorporated
PREPOLYMERS WITH YELLOW DYE MOIETY	United States	Granted	9/8/2003	10/657,639	7/19/2005	6918931	Bausch & Lomb Incorporated
PROCESS FOR MANUFACTURING INTRAOCULAR LENSES WITH BLUE LIGHT ABSORPTION CHARACTERISTICS	United States	Granted	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	United States	Granted	9/29/2003	10/673,859	1/30/2007	7168930	Bausch & Lomb Incorporated
PERISTALTIC PUMP WITH A MOVEABLE	United States	Granted	9/29/2003	10/673,296	11/4/2008	7445436	Bausch & Lomb Incorporated

Title	Country	Status	Filing Date	Application Number	Issue Date	Patent Number	Owner
PUMP HEAD							
PERISTALTIC PUMP FITMENT FOR ATTACHMENT TO AN ASPIRANT COLLECTION BAG	United States	Granted	9/29/2003	10/674,094	10/20/2009	7604607	Bausch & Lomb Incorporated
OPHTHALMIC LENS TRANSPORTATION AND INSPECTION CELL	United States	Granted	10/7/2003	10/680,759	7/18/2006	7079239	Bausch & Lomb Incorporated
MULTIFOCAL CONTACT LENS AND METHOD OF MANUFACTURE THEREOF	United States	Granted	12/16/2003	10/736,960	5/16/2006	7044597	Bausch & Lomb Incorporated
RAPID SWITCHING SLIT SCAN IMAGE CAPTURE SYSTEM	United States	Granted	12/10/2003	10/732,704	3/25/2008	7347549	Bausch & Lomb Incorporated
ASPHERIC LENSES AND LENS FAMILY	United States	Granted	10/12/2005	11/248,052	3/15/2011	7905917	Bausch & Lomb Incorporated
ASPHERIC LENSES AND LENS FAMILY	United States	Granted	10/28/2010	12/913,863	9/17/2013	8535376	Bausch & Lomb Incorporated
IOL INJECTOR	United States	Granted	3/31/2004	10/813,861	9/17/2013	8535331	Bausch & Lomb Incorporated
IOL INJECTOR	United States	Granted	3/31/2004	10/813,863	5/24/2011	7947049	Bausch & Lomb Incorporated
OLIGOSACCHARIDE-CONTAINING COMPOSITIONS AND USES THEREOF	United States	Granted	5/19/2004	10/848,848	3/20/2007	7192937	Bausch & Lomb Incorporated
POLYMERIZABLE SURFACTANTS AND THEIR USE AS DEVICE FORMING COMONOMERS	United States	Granted	12/22/2004	11/020,541	6/12/2012	8197841	Bausch & Lomb Incorporated

Title	Country	Status	Filing Date	Application Number	Issue Date	Patent Number	Owner
POLYMERIZABLE SURFACTANTS AND THEIR USE AS DEVICE FORMING COMONOMERS	United States	Granted	2/27/2012	13/405,604	2/19/2013	8377464	Bausch & Lomb Incorporated
NON-CIRCULAR PORTED PHACOEMULSIFICATION IRRIGATION SLEEVE	United States	Granted	12/20/2004	11/017,586	10/9/2012	8282594	Bausch & Lomb Incorporated
SMALL INCISION INTRAOCULAR LENS WITH ANTI-PCO FEATURE	United States	Granted	12/29/2004	11/025,405	8/4/2009	7569073	Bausch & Lomb Incorporated
SMALL INCISION INTRAOCULAR LENS WITH ANTI-PCO FEATURE	United States	Granted	6/30/2009	12/494,489	4/26/2011	7931686	Bausch & Lomb Incorporated
CORE LOCKING ASSEMBLY AND METHOD FOR ORIENTATION OF ASYMMETRIC TOOLING	United States	Granted	12/30/2004	11/027,381	9/8/2009	7585167	Bausch & Lomb Incorporated
CORE LOCKING ASSEMBLY AND METHOD FOR ORIENTATION OF ASYMMETRIC TOOLING	United States	Granted	7/30/2009	12/512,293	5/3/2011	7935280	Bausch & Lomb Incorporated
OPHTHALMIC FORMULATIONS AND USES THEREOF	United States	Granted	6/7/2005	11/146,652	2/12/2013	8372814	Bausch & Lomb Incorporated
OPHTHALMIC FORMULATIONS AND USES THEREOF	United States	Granted	2/9/2012	13/369,452	6/10/2014	8748402	Bausch & Lomb Incorporated

Title	Country	Status	Filing Date	Application Number	Issue Date	Patent Number	Owner
COMPOSITION FOR TREATING DRY EYE AND RELATED METHODS OF MANUFACTURE AND METHODS OF USE	United States	Granted	3/28/2006	11/391,056	2/14/2012	8114420	Bausch & Lomb Incorporated
AROMATIC-BASED POLYSILOXANE PREPOLYMERS AND OPHTHALMIC DEVICES PRODUCED THEREFROM	United States	Granted	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	United States	Granted	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	United States	Granted	11/19/2008	12/273,624	8/24/2010	7781496	Bausch & Lomb Incorporated
NOVEL SYSTEM FOR SYNTHESIS OF DEVICE FORMING MONOMERS	United States	Granted	6/21/2006	11/471,991	6/29/2010	7745564	Bausch & Lomb Incorporated
MULTI-COMPONENT ACCOMMODATIVE	United States	Granted	7/1/2005	11/173,704	9/22/2009	7591849	Bausch & Lomb Incorporated

Title	Country	Status	Filing Date	Application Number	Issue Date	Patent Number	Owner
INTRAOCLAR LENS WITH COMPRESSIBLE HAPTIC							
ONLINE WAVEFRONT MEASUREMENT AND DISPLAY	United States	Granted	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	United States	Granted	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	United States	Granted	8/16/2006	10/550,437	12/23/2008	7467869	Bausch & Lomb Incorporated
TORIC CONTACT LENSES	United States	Granted	12/21/2006	11/614,514	4/1/2014	8684521	Bausch & Lomb Incorporated
PRODUCTION LINE CONTROL USING SHIFT REGISTERS FOR CONTACT LENS MANUFACTURE	United States	Granted	6/16/2006	10/583,494	4/29/2008	7366580	Bausch & Lomb Incorporated
METHOD AND APPARATUS FOR ONLINE CONTACT LENS EVALUATION	United States	Granted	2/2/2007	10/565,877	8/10/2010	7771053	Bausch & Lomb Incorporated
OPHTHALMIC SURGICAL CASSETTE AND SYSTEM	United States	Granted	6/5/2007	11/758,048	11/6/2012	8303542	Bausch & Lomb Incorporated
OPHTHALMIC SURGICAL	United States	Granted	7/2/2012	13/539,886	8/20/2013	8512014	Bausch & Lomb Incorporated

Title	Country	Status	Filing Date	Application Number	Issue Date	Patent Number	Owner
CASSETTE AND SYSTEM							
APPARATUS AND METHOD FOR DETERMINING A POSITION OF AN EYE	United States	Granted	9/27/2006	11/528,130	1/20/2009	7478908	Bausch & Lomb Incorporated
OPHTHALMIC COMPOSITIONS CONTAINING DIGLYCINE	United States	Granted	10/17/2007	11/873,703	3/20/2012	8138156	Bausch & Lomb Incorporated
GROOVED ASPIRATION PUMP ROLLER-HEAD ASSEMBLY	United States	Granted	10/23/2006	11/585,045	7/9/2013	8480625	Bausch & Lomb Incorporated
METHOD OF INSERTING AN INTRAOCULAR LENSE	United States	Granted	10/20/2006	11/584,024	11/18/2014	8888845	Bausch & Lomb Incorporated
PHACOEMULSIFICATION CANNULA WITH IMPROVED PURCHASE	United States	Granted	11/10/2006	11/595,545	12/18/2012	8333741	Bausch & Lomb Incorporated
OPTICAL CALIBRATION SYSTEM AND METHOD	United States	Granted	12/13/2006	11/610,059	12/28/2010	7859677	Bausch & Lomb Incorporated
CORNEAL MEASUREMENT APPARATUS AND A METHOD OF USING THE SAME	United States	Granted	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	United States	Granted	12/11/2007	11/954,160	3/1/2011	7896497	Bausch & Lomb Incorporated

Title	Country	Status	Filing Date	Application Number	Issue Date	Patent Number	Owner
METHOD OF TREATING INFLAMMATION OF THE EYE	United States	Granted	12/13/2007	11/955,418	2/9/2010	7659259	Bausch & Lomb Incorporated
MULTI-ELEMENT ACCOMMODATIVE INTRAOCULAR LENSE	United States	Granted	12/20/2007	11/961,420	12/24/2013	8613766	Bausch & Lomb Incorporated
METHOD AND APPARATUS FOR DETERMINING THE VISUAL ACUITY OF AN EYE	United States	Granted	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	United States	Granted	3/19/2008	12/051,289	1/20/2015	8937062	Bausch & Lomb Incorporated
OPHTHALMIC COMPOSITION WITH HYALURONIC ACID AND POLYMERIC BIGUANIDE	United States	Granted	4/25/2008	12/109,599	6/24/2014	8759321	Bausch & Lomb Incorporated
METHOD AND APPARATUS FOR EXTRAPOLATING DIAGNOSTIC DATA	United States	Granted	6/27/2007	11/823,401	6/3/2014	8740381	Bausch & Lomb Incorporated
SILICONE HYDROGEL WITH COMPOSITE HYDROPHILIC AND SILICONE POLYMERS	United States	Granted	7/8/2008	12/168,943	3/8/2011	7901073	Bausch & Lomb Incorporated

Title	Country	Status	Filing Date	Application Number	Issue Date	Patent Number	Owner
PREPARED WITH SELECTIVE CROSSLINK AGENTS							
CROSSLINK AGENTS	United States	Granted	1/11/2011	13/004,228	8/28/2012	8252850	Bausch & Lomb Incorporated
CROSSLINK AGENTS AND DUAL RADICAL CURE POLYMER	United States	Granted	7/8/2008	12/168,944	11/8/2011	8053489	Bausch & Lomb Incorporated
CROSSLINK AGENTS AND DUAL RADICAL CURE POLYMER	United States	Granted	9/12/2011	13/230,024	1/8/2013	8349912	Bausch & Lomb Incorporated
APPARATUS AND METHOD FOR SEALING A LIDSTOCK TO A CONTAINER	United States	Granted	9/9/2008	12/282,174	11/16/2010	7832188	Bausch & Lomb Incorporated
PACKAGING SOLUTIONS	United States	Granted	10/23/2007	11/876,862	7/23/2013	8490782	Bausch & Lomb Incorporated
PACKAGING SOLUTIONS	United States	Granted	6/14/2013	13/917,734	12/27/2016	9527617	Bausch & Lomb Incorporated
MOLDS FOR PRODUCTION OF OPHTHALMIC DEVICES	United States	Granted	10/31/2007	11/931,205	9/11/2012	8262952	Bausch & Lomb Incorporated
HIGH WATER CONTENT SILICONE HYDROGELS	United States	Granted	11/10/2008	12/267,660	5/3/2011	7934830	Bausch & Lomb Incorporated
EYE LENGTH MEASUREMENT APPARATUS	United States	Granted	12/11/2007	11/954,146	9/21/2010	7800759	Bausch & Lomb Incorporated
ABERRATOR HAVING REDUCED NOISE	United States	Granted	12/12/2007	11/955,003	1/25/2011	7874674	Bausch & Lomb Incorporated
RECESSED ELECTRODES FOR SENSING FLOW IN OPHTHALMIC	United States	Granted	12/17/2007	11/957,841	11/23/2010	7837660	Bausch & Lomb Incorporated

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

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

Title	Country	Status	Filing Date	Application Number	Issue Date	Patent Number	Owner
MEASUREMENTS							
POLYMORPHS OF BRIMONIDINE PAMOATE	United States	Granted	10/23/2009	12/604,427	10/11/2011	8034813	Bausch & Lomb Incorporated
POLYMORPHS OF BRIMONIDINE PAMOATE	United States	Granted	9/15/2011	13/233,052	4/16/2013	8420648	Bausch & Lomb Incorporated
POLYMORPHS OF BRIMONIDINE PAMOATE	United States	Granted	3/14/2013	13/826,496	1/28/2014	8637514	Bausch & Lomb Incorporated
POLYMORPHS OF BRIMONIDINE PAMOATE	United States	Granted	3/14/2013	13/826,516	1/28/2014	8637515	Bausch & Lomb Incorporated
OPHTHALMIC SURGICAL CASSETTES FOR OPHTHALMIC SURGERY	United States	Granted	11/14/2008	12/270,998	4/7/2015	8998864	Bausch & Lomb Incorporated
FLOW CONTROL SYSTEM BASED ON LEAKAGE	United States	Granted	12/8/2008	12/329,863	4/24/2012	8162919	Bausch & Lomb Incorporated
SYSTEM FOR OPERATING AND CONTROLLING A PNEUMATICALLY DRIVEN VITRECTOMY PROBE	United States	Granted	12/8/2008	12/329,872	12/11/2012	8328835	Bausch & Lomb Incorporated
DEVICE FOR COLLECTION OF ASPIRATED FLUIDS	United States	Granted	12/11/2008	12/332,853	8/20/2013	8512302	Bausch & Lomb Incorporated
SYSTEM TO IDENTIFY VISCOSITY OF ASPIRATED MATERIAL DURING OPHTHALMIC SURGERY	United States	Granted	12/19/2008	12/339,374	10/7/2014	8854221	Bausch & Lomb Incorporated

Title	Country	Status	Filing Date	Application Number	Issue Date	Patent Number	Owner
CONTROLLING BEAM INTENSITY IN AN OPHTHALMIC FIBER OPTIC ILLUMINATION SYSTEM USING ROTATABLE PLATE ARRAYS	United States	Granted	12/22/2008	12/341,484	7/30/2013	8498512	Bausch & Lomb Incorporated
VARIABLE FREQUENCY PHACOEMULSIFICATION HANDPIECE	United States	Granted	12/22/2008	12/341,427	5/14/2013	8439938	Bausch & Lomb Incorporated
METHOD FOR PREPARING SUSPENSIONS OF LOW-SOLUBILITY MATERIALS	United States	Granted	10/21/2014	14/519,776	10/3/2017	9775802	Bausch & Lomb Incorporated
FLUOROQUINOLONE CARBOXYLIC ACID MOLECULAR CRYSTALS	United States	Granted	3/12/2010	12/723,047	7/9/2013	8481526	Bausch & Lomb Incorporated
FLUOROQUINOLONE CARBOXYLIC ACID MOLECULAR CRYSTALS	United States	Granted	3/14/2013	13/826,469	12/10/2013	8604020	Bausch & Lomb Incorporated
BIOMEDICAL DEVICES	United States	Granted	6/16/2009	12/456,419	10/25/2011	8043369	Bausch & Lomb Incorporated
BIOMEDICAL DEVICES	United States	Granted	9/7/2011	13/226,691	12/25/2012	8337551	Bausch & Lomb Incorporated
BIOMEDICAL DEVICES	United States	Granted	6/16/2009	12/456,420	12/27/2011	8083348	Bausch & Lomb Incorporated
BIOMEDICAL DEVICES	United States	Granted	6/16/2009	12/456,421	3/13/2012	8133960	Bausch & Lomb Incorporated
BIOMEDICAL DEVICES	United States	Granted	6/16/2009	12/456,423	3/15/2016	9285508	Bausch & Lomb Incorporated
FAST ALGORITHM FOR STREAMING	United States	Granted	8/4/2010	12/866,122	11/19/2013	8588487	Bausch & Lomb Incorporated

Title	Country	Status	Filing Date	Application Number	Issue Date	Patent Number	Owner
WAVEFRONT							
MONOETHYLENICALLY UNSATURATED POLYMERIZABLE GROUP CONTAINING POLYCARBOSILOXANE MONOMERS	United States	Granted	7/8/2010	12/832,174	4/16/2013	8420711	Bausch & Lomb Incorporated
MONOETHYLENICALLY UNSATURATED POLYCARBOSILOXANE MONOMERS	United States	Granted	7/9/2009	12/499,854	8/9/2011	7994356	Bausch & Lomb Incorporated
MONOETHYLENICALLY UNSATURATED POLYMERIZABLE GROUP CONTAINING POLYCARBOSILOXANE MONOMERS	United States	Granted	3/1/2013	13/781,880	9/9/2014	8827447	Bausch & Lomb Incorporated
ETHYLENICALLY UNSATURATED POLYMERIZABLE GROUPS COMPRISING POLYCARBOSILOXANE MONOMERS	United States	Granted	3/15/2013	13/841,145	5/26/2015	9039174	Bausch & Lomb Incorporated
MONOETHYLENICALLY UNSATURATED POLYCARBOSILOXANE MONOMERS	United States	Granted	7/9/2009	12/499,853	3/29/2011	7915323	Bausch & Lomb Incorporated
ILLUMINATION DEVICE AND	United States	Granted	8/26/2010	12/868,777	10/16/2012	8287525	Bausch & Lomb Incorporated

Title	Country	Status	Filing Date	Application Number	Issue Date	Patent Number	Owner
METHOD OF USE FOR OPHTHALMIC SURGERY							
CONTACT LENS	United States	Granted	7/13/2010	12/835,048	6/11/2013	8461226	Bausch & Lomb Incorporated
STERILE HYALURONIC ACID SOLUTIONS	United States	Granted	2/9/2010	12/702,540	10/9/2012	8283463	Bausch & Lomb Incorporated
STERILE HYALURONIC ACID SOLUTIONS	United States	Granted	8/1/2012	13/564,161	9/10/2013	8530641	Bausch & Lomb Incorporated
INTRAOCCULAR LENS	United States	Granted	4/1/2010	12/752,466	5/28/2013	8449611	Bausch & Lomb Incorporated
OPHTHALMIC COMPOSITIONS WITH BIGUANIDE AND PEG-GLYCEROL ESTERS	United States	Granted	3/28/2011	13/072,998	8/6/2013	8501200	Bausch & Lomb Incorporated
OPHTHALMIC COMPOSITIONS WITH BIGUANIDE AND PEG-GLYCEROL ESTERS	United States	Granted	5/3/2013	13/886,571	11/18/2014	8889160	Bausch & Lomb Incorporated
METHOD AND SYSTEM OF MEASURING TORIC LENS AXIS ANGLE	United States	Granted	4/28/2010	12/769,015	4/7/2015	8999209	Bausch & Lomb Incorporated
METHOD AND SYSTEM OF MEASURING TORIC LENS AXIS ANGLE	United States	Published	2/25/2015	14/630,700	{6/28/2015}	{20150168251}	Bausch & Lomb Incorporated
PEROXIDE CONTACT LENS CARE SOLUTION	United States	Granted	1/24/2011	13/012,018	1/13/2015	8932646	Bausch & Lomb Incorporated
PEROXIDE CONTACT LENS CARE SOLUTION	United States	Granted	3/15/2013	13/835,237	11/20/2018	10130733	Bausch & Lomb Incorporated
CONTACT LENS CARE SYSTEM WITH PEROXIDE	United States	Granted	7/22/2011	13/189,046	4/21/2015	9011932	Bausch & Lomb Incorporated

Title	Country	Status	Filing Date	Application Number	Issue Date	Patent Number	Owner
PEROXIDE CONTACT LENS CARE SOLUTION	United States	On Appeal	10/11/2018	16/157,209	{2/7/2019}	{20190038795}	Bausch & Lomb Incorporated
PNEUMATIC SURGICAL INSTRUMENT DETECTION SYSTEM	United States	Granted	12/29/2010	12/980,733	3/26/2013	8403917	Bausch & Lomb Incorporated
ERGONOMIC HAND-OPERABLE FLUID-DISPENSING DEVICE	United States	Granted	2/1/2011	13/018,889	11/17/2015	9186690	Bausch & Lomb Incorporated
BEPOASTIC COMPOSITIONS	United States	Granted	5/2/2012	13/462,466	8/11/2020	10736841	Bausch & Lomb Incorporated
SYSTEM AND METHOD FOR PERFORMING LENS FRAGMENTATION	United States	Granted	3/30/2012	13/436,352	7/21/2020	10716706	Technolas Perfect Vision GMBH Bausch & Lomb Incorporated
APPARATUS AND METHODS FOR ILLUMINATING SUBSTANCES USING COLOR TO ACHIEVE VISUAL CONTRAST	United States	Granted	5/16/2011	13/108,483	9/16/2014	8838212	Bausch & Lomb Incorporated
CONTACT LENSES HAVING HYBRID ORIENTATION FEATURES	United States	Granted	5/25/2012	13/481,041	4/8/2014	8690320	Bausch & Lomb Incorporated
PHARMACEUTICAL COMPOSITIONS COMPRISING MUSHROOM-BASED POLYSACCHARIDES AND USES THEREOF	United States	Granted	5/10/2012	13/468,125	10/14/2014	8859525	Bausch & Lomb Incorporated
BROMFENAC BIOAVAILABILITY	United States	Granted	11/4/2016	15/343,457	10/2/2018	10085958	Bausch & Lomb Incorporated

Title	Country	Status	Filing Date	Application Number	Issue Date	Patent Number	Owner
BROMFENAC BIOAVAILABILITY	United States	Granted	10/11/2012	13/649,271	12/13/2016	9517220	Bausch & Lomb Incorporated
OPHTHALMIC COMPOSITIONS CONTAINING DIGLYCINE	United States	Granted	2/6/2012	13/366,398	3/4/2014	8664180	Bausch & Lomb Incorporated
OPHTHALMIC PHARMACEUTICAL COMPOSITIONS AND METHODS OF MAKING AND USING SAME	United States	Granted	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	United States	Granted	3/11/2013	13/792,931	12/22/2015	9216066	Technolas Perfect Vision GMBH 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	United States	Granted	7/29/2013	13/952,795	4/7/2015	9001316	Bausch & Lomb Incorporated
METHOD OF MAKING A FULLY POLYMERIZED UV BLOCKING SILICONE HYDROGEL LENS	United States	Abandoned	5/25/2012	13/480,651	{11/28/2013 }	{2013031 3733}	Bausch & Lomb Incorporated
FULLY POLYMERIZED UV BLOCKING SILICONE	United States	Granted	5/25/2012	13/480,648	8/19/2014	8807745	Bausch & Lomb Incorporated

Title	Country	Status	Filing Date	Application Number	Issue Date	Patent Number	Owner
HYDROGEL LENS							
FULLY POLYMERIZED UV BLOCKING SILICONE HYDROGEL LENS	United States	Granted	12/20/2012	13/722,054	7/7/2015	9075187	Bausch & Lomb Incorporated
VIBRATING SURGICAL DEVICE FOR REMOVAL OF VITREOUS AND OTHER TISSUE	United States	Granted	10/14/2016	15/293,562	4/27/2021	10987246	Bausch & Lomb Incorporated
VIBRATING SURGICAL DEVICE FOR REMOVAL OF VITREOUS AND OTHER TISSUE	United States	Granted	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	United States	Granted	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	United States	Granted	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	United States	Granted	10/18/2012	13/655,048	1/13/2015	8931900	Bausch & Lomb Incorporated
IRRIGATION SLEEVE AND PHACOEMULSIFICATION	United States	Granted	10/26/2012	13/661,493	4/17/2018	9943439	Bausch & Lomb Incorporated

Title	Country	Status	Filing Date	Application Number	Issue Date	Patent Number	Owner
N NEEDLE WITH SLEEVE RETENTION FEATURES							
OPHTHALMIC MULTIPLE WAVELENGTH LASER ILLUMINATOR WITH A GRAPHICAL USER INTERFACE	United States	Granted	11/6/2013	14/072,859	2/20/2018	9895056	Bausch & Lomb Incorporated
SYSTEM AND METHOD FOR FEMTO-FRAGMENTATION OF A CRYSTALLINE LENS	United States	Granted	3/12/2013	13/795,641	3/14/2017	9592157	Technolas Perfect Vision GMBH Bausch & Lomb Incorporated
SYSTEM AND METHOD FOR FEMTO-FRAGMENTATION OF A CRYSTALLINE LENS	United States	Granted	1/23/2017	15/412,980	5/22/2018	9974692	Technolas Perfect Vision GMBH 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	United States	Granted	11/7/2012	13/670,968	7/28/2015	9091864	Bausch & Lomb Incorporated
HINGELESS CARTRIDGE FOR USE WITH AN INTRAOCULAR LENSE INJECTOR PROVIDING HAPTIC CONTROL	United States	Granted	11/9/2012	13/673,330	10/13/2015	9155615	Bausch & Lomb Incorporated

Title	Country	Status	Filing Date	Application Number	Issue Date	Patent Number	Owner
HINGELESS CARTRIDGE FOR USE WITH AN INTRAOCULAR LENSE INJECTOR PROVIDING HAPTIC CONTROL	United States	Granted	11/8/2013	14/075,845	1/19/2016	9237947	Bausch & Lomb Incorporated
METHOD OF PREPARING WATER EXTRACTABLE SILICON-CONTAINING BIOMEDICAL DEVICES	United States	Granted	12/20/2012	13/722,073	3/3/2015	8967799	Bausch & Lomb Incorporated
POLY(NITROGEN/AMINE) DERIVATIVES OF A NATURAL WAX AND OPHTHALMIC COMPOSITIONS	United States	Granted	1/23/2014	14/161,936	3/8/2016	9279095	Bausch & Lomb Incorporated
SYNTHESIS OF FREE RADICAL POLYMERIZABLE ETHYLENICALLY UNSATURATED POLOXAMERS AND POLOXAMINES	United States	Granted	6/18/2014	14/308,229	4/12/2016	9309357	Bausch & Lomb Incorporated
POSTERIOR CAPSULOTOMY USING LASER TECHNIQUES	United States	Granted	12/30/2014	14/412,168	9/18/2018	10076445	Technolas Perfect Vision GMBH Bausch & Lomb Incorporated
POSTERIOR CAPSULOTOMY USING LASER TECHNIQUES	United States	Granted	1/18/2018	15/874,759	10/8/2019	10434011	Technolas Perfect Vision GMBH Bausch & Lomb Incorporated
POSTERIOR CAPSULOT	United States	Granted	1/18/2018	15/874,773	10/8/2019	10434012	Technolas Perfect Vision

Title	Country	Status	Filing Date	Application Number	Issue Date	Patent Number	Owner
OMY USING LASER TECHNIQUES							GMBH Bausch & Lomb Incorporated
LIGHT ABSORBING COMPOUNDS FOR OPTICAL POLYMERS	United States	Granted	1/19/2015	14/415,697	2/2/2016	9249249	Bausch & Lomb Incorporated
OPHTHALMIC COMPOSITIONS WITH ALKOXYLATED NATURAL WAXES	United States	Granted	8/7/2014	14/377,460	6/28/2016	9375401	Bausch & Lomb Incorporated
METHOD AND APPARATUS FOR DELAYING POLYMERIZATION	United States	Granted	9/2/2015	14/772,106	8/16/2022	11414501	Bausch & Lomb Incorporated
MINIMIZING BIOLOGICAL LIPID DEPOSITS ON CONTACT LENSES	United States	Granted	3/12/2015	14/427,928	4/17/2018	9943622	Bausch & Lomb Incorporated
OPHTHALMIC SUSPENSION COMPOSITION	United States	Granted	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	United States	Granted	4/20/2015	14/690,791	3/2/2021	10932948	Bausch & Lomb Incorporated
CAST MOLDING TORIC CONTACT LENSES	United States	Granted	4/27/2016	15/139,513	11/20/2018	10133089	Bausch & Lomb Incorporated
METHOD FOR OBTAINING CONTACT LENSES	United States	Granted	5/26/2016	15/165,044	3/24/2020	10598955	Bausch & Lomb Incorporated

Title	Country	Status	Filing Date	Application Number	Issue Date	Patent Number	Owner
WITH DYNAMICALY CONTROLLED SAGITTA AND CLEARANCE							
ULTRASONIC SURGICAL ASPIRATION NEEDLE ASSEMBLY WITH MOLDED HUB	United States	Granted	4/29/2016	15/142,932	Will issue on 11/1/2022	11484441	Bausch & Lomb Incorporated
PRISM BALLASTED CONTACT LENS	United States	Granted	6/30/2017	15/640,207	4/30/2019	10274751	Bausch & Lomb Incorporated
METHOD AND APPARATUS FOR FORMING A LENS	United States	Granted	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	United States	Granted	9/19/2017	15/708,873	7/28/2020	10722346	Bausch & Lomb Incorporated
OPHTHALMIC VISCOELASTIC COMPOSITIONS	United States	Published	11/16/2018	16/193,537	{5/23/2019}	{20190151500}	Bausch & Lomb Incorporated
METHOD FOR END-CAPPING A POLYSILOXANE PREPOLYMER	United States	Granted	1/14/2019	16/246,715	12/22/2020	10870731	Bausch & Lomb Incorporated
DISTANCE DOMINANT INTRAOCULAR LENS	United States	Granted	12/26/2018	16/232,725	5/31/2022	11344404	Bausch & Lomb Incorporated

Title	Country	Status	Filing Date	Application Number	Issue Date	Patent Number	Owner
OPHTHALMIC DEVICES	United States	Granted	8/10/2018	16/100,732	6/2/2020	10668676	Bausch & Lomb Incorporated
HIGH WATER CONTENT OPHTHALMIC DEVICES	United States	Granted	8/10/2018	16/100,693	10/27/2020	10816698	Bausch & Lomb Incorporated
VITREORETINAL TAMPONES BASED ON FLUOROSILICONE FLUIDS	United States	Granted	9/19/2002	10/247,452	3/9/2004	6703378	Bausch & Lomb Incorporated
EYEWEAR MAGNIFYING LOUPE	United States	Granted	3/20/2003	10/393,634	7/20/2004	6764176	Bausch & Lomb Incorporated
OPHTHALMIC COMPOSITIONS CONTAINING DIGLYCINE	United States	Granted	2/6/2012	13/366,399	12/4/2012	8324171	Bausch & Lomb Incorporated
STERILIZATION OF INTRAOCULAR LENSES	United States	Granted	11/1/2012	13/666,051	6/17/2014	8753389	Bausch & Lomb Incorporated
STERILIZATION OF INTRAOCULAR LENSES	United States	Granted	12/7/2009	12/631,901	12/11/2012	8329097	Bausch & Lomb Incorporated
CONTACT LENS CASE	United States	Granted	3/12/2009	29/333,572	5/25/2010	D616198	Bausch & Lomb Incorporated
HAND HELD MAGNIFIER	United States	Granted	10/31/2012	29/436,021	4/15/2014	D702745	Bausch & Lomb Incorporated
HAND HELD MAGNIFIER	United States	Granted	10/31/2012	29/436,023	4/15/2014	D702746	Bausch & Lomb Incorporated
ILLUMINATED MAGNIFIER	United States	Granted	8/11/2017	29/613,684	3/22/2022	D946800	Bausch & Lomb Incorporated
OPHTHALMIC DELIVERY DEVICE	United States	Expired	10/3/2001	09/970292	6/24/2003	6582422	Bausch & Lomb Incorporated
ASPIRATION FLOW METER AND CONTROL	United States	Expired	11/30/2001	09/997883	7/29/2003	6599277	Bausch & Lomb Incorporated
COLLECTION RESERVOIR FOR USE WITH FLOW METER CONTROL SYSTEM	United States	Expired	11/30/2001	09/997901	10/21/2003	6634237	Bausch & Lomb Incorporated

Title	Country	Status	Filing Date	Application Number	Issue Date	Patent Number	Owner
OPHTHALMIC ARTICLE INSPECTION SYSTEM	United States	Expired	11/30/2001	09/998492	9/7/2004	6788399	Bausch & Lomb Incorporated
HIGH REFRACTIVE INDEX POLYMERIC SILOXYSILANE COMPOSITIONS	United States	Expired	11/2/2001	10/000136	6/21/2005	6908978	Bausch & Lomb Incorporated
HIGH REFRACTIVE INDEX AROMATIC-BASED SILOXANE MONOFUNCTIONAL MACROMONOMERS	United States	Expired	11/2/2001	10/000137	5/4/2004	6730767	Bausch & Lomb Incorporated
HIGH REFRACTIVE INDEX POLYMERIC SILOXYSILANE COMPOSITIONS	United States	Expired	11/2/2001	10/003635	1/30/2007	7169874	Bausch & Lomb Incorporated
HIGH REFRACTIVE INDEX AROMATIC-BASED SILOXANE DIFUNCTIONAL MACROMONOMERS	United States	Expired	11/2/2001	10/004146	4/20/2004	6723816	Bausch & Lomb Incorporated
POLY(2-OXAZOLINE) BIOMEDICAL DEVICES	United States	Expired	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	United States	Expired	12/11/2001	10/013573	5/25/2004	6739721	Bausch & Lomb Incorporated
ABERROMETER CALIBRATION	United States	Expired	12/14/2001	10/017349	10/28/2003	6637884	Bausch & Lomb Incorporated

Title	Country	Status	Filing Date	Application Number	Issue Date	Patent Number	Owner
FOOT CONTROLLER INCLUDING MULTIPLE SWITCH ARRANGEMENT WITH HEEL OPERATED DOOR TYPE SWITCH ACTUATOR	United States	Expired	12/19/2001	10/025424	2/10/2004	6689975	Bausch & Lomb Incorporated
FOOT CONTROLLER WITH OPHTHALMIC SURGERY INTERLOCK CIRCUIT AND METHOD	United States	Expired	10/025801	12/19/2001	10/28/2003	6639332	Bausch & Lomb Incorporated
ABERROMETER ILLUMINATION APPARATUS AND METHOD	United States	Expired	12/21/2001	10/025801	5/18/2004	6736509	Bausch & Lomb Incorporated
IRIS RECOGNITION AND TRACKING FOR OPTICAL TREATMENT	United States	Expired	2/20/2003	10/110892	12/12/2006	7146983	Bausch & Lomb Incorporated
WAVEFORM T SENSOR HAVING MULTI-POWER BEAM MODES, INDEPENDENT ADJUSTMENT CAMERA, AND ACCOMMODATION RANGE MEASUREMENT	United States	Expired	3/13/2003	10/110929	5/2/2006	7036934	Bausch & Lomb Incorporated
IMAGE REGISTRATION SYSTEM AND METHOD	United States	Granted	12/19/2002	10/325791	12/2/2003	6658282	Bausch & Lomb Incorporated

Title	Country	Status	Filing Date	Application Number	Issue Date	Patent Number	Owner
WAVEFRONT SENSOR HAVING MULTI-POWER BEAM MODES, INDEPENDENT ADJUSTMENT CAMERA, AND ACCOMMODATION RANGE MEASUREMENT	United States	Expired	3/6/2006	11/369105	12/1/2009	7625089	Bausch & Lomb Incorporated
IRIS RECOGNITION AND TRACKING FOR OPTICAL TREATMENT	United States	Granted	11/9/2006	11/595386	10/15/2013	8556885	Bausch & Lomb Incorporated
COMPOSITIONS AND METHODS FOR TREATING, REDUCING, AMELIORATING, OR PREVENTING INFECTIONS	United States	Granted	5/8/2012	12/115,914	5/6/2008	8173640	Bausch & Lomb Incorporated
HIGH REFRACTIVE INDEX AROMATIC-BASED SILOXANE DIFUNCTIONAL MACROMONOMERS	United States	Expired	9/18/2003	10/665946	3/7/2006	7009023	Bausch & Lomb Incorporated
METHOD AND MOLD TO CONTROL OPTICAL DEVICE POLYMERIZATION	United States	Expired	5/5/2004	10/839495	12/5/2006	7144528	Bausch & Lomb Incorporated
HIGH REFRACTIVE INDEX AROMATIC-BASED SILYL MONOMERS	United States	Expired	5/18/2004	10/848305	11/7/2006	7132494	Bausch & Lomb Incorporated

Title	Country	Status	Filing Date	Application Number	Issue Date	Patent Number	Owner
HIGH REFRACTIVE INDEX POLYMERIC SILOXYSILANE COMPOSITIONS	United States	Expired	1/21/2005	11/041172	11/21/2006	7138440	Bausch & Lomb Incorporated
HIGH REFRACTIVE INDEX POLYMERIC SILOXYSILANE COMPOSITIONS	United States	Expired	1/21/2005	11/041175	8/15/2006	7091299	Bausch & Lomb Incorporated
HIGH REFRACTIVE-INDEX, HYDROPHILIC, ARYLSILOXY-CONTAINING MONOMERS AND POLYMERS, AND OPHTHALMIC DEVICES COMPRISING SUCH POLYMERS	United States	Expired	6/15/2005	11/153470	12/15/2009	7632904	Bausch & Lomb Incorporated
CONTACT LENS WITH HIGH-ORDER COMPENSATION FOR NON-AXISYMMETRIC STRUCTURE	United States	Granted	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	United States	Granted	12/16/2005	11/305606	9/9/2008	7423108	Bausch & Lomb Incorporated

Title	Country	Status	Filing Date	Application Number	Issue Date	Patent Number	Owner
CARBOXYLIC TRIS-LIKE SILOXANYL MONOMERS	United States	Expired	6/30/2006	11/480053	7/7/2009	7557231	Bausch & Lomb Incorporated
TORIC CONTACT LENSES	United States	Expired	12/21/2006	11/614503	11/24/2009	7621635	Bausch & Lomb Incorporated
OPHTHALMIC COMPOSITIONS WITH AN AMPHOTERIC SURFACTANT AND AN ANIONIC BIOPOLYMER	United States	Granted	1/31/2008	12/023509	8/4/2015	9096819	Bausch & Lomb Incorporated
IRIS PATTERN RECOGNITION AND ALIGNMENT	United States	Expired	2/1/2008	12/024415	5/29/2012	8186830	Bausch & Lomb Incorporated
BUBBLE REDUCTION SYSTEM	United States	Granted	11/14/2008	12/271,523	12/27/2011	8085392	Bausch & Lomb Incorporated
OPHTHALMIC SURGERY KITS FOR PRIMING TUBES FOR OPHTHALMIC SURGICAL PROCEDURES	United States	Granted	4/26/2011	13/093950	10/14/2014	8858492	Bausch & Lomb Incorporated
PROCESS FOR PREPARING VINYL CHLOROFORMATE	United States	Granted	6/27/2011	13/169085	9/25/2012	8273914	Bausch & Lomb Incorporated
COMPOSITIONS AND METHODS FOR TREATING, REDUCING, AMELIORATING, OR PREVENTING INFECTIONS	United States	Granted	4/3/2012	13/437965	12/18/2012	8334283	Bausch & Lomb Incorporated

Title	Country	Status	Filing Date	Application Number	Issue Date	Patent Number	Owner
QUINOLON E CARBOXYLI C ACID COMPOSITI ONS AND RELATED METHODS OF TREATMEN T	United States	Expired	4/25/2001	09/840871	2/3/2004	6685958	Bausch & Lomb Incorporated
ANTERIOR CHAMBER DIAMETER MEASUREM ENT SYSTEM FROM LIMBAL RING MEASUREM ENT	United States	Expired	7/30/2001	09/918678	12/14/2004	6830334	Bausch & Lomb Incorporated
OPHTHALMI C DELIVERY DEVICE	United States	Expired	10/3/2001	09/970292	6/24/2003	6582422	Bausch & Lomb Incorporated
ASPIRATIO N FLOW METER AND CONTROL	United States	Expired	11/30/2001	09/997883	7/29/2003	6599277	Bausch & Lomb Incorporated
COLLECTIO N RESERVOI R FOR USE WITH FLOW METER CONTROL SYSTEM	United States	Expired	11/30/2001	09/997901	10/21/2003	6634237	Bausch & Lomb Incorporated
OPHTHALMI C ARTICLE INSPECTIO N SYSTEM	United States	Expired	11/30/2001	09/998492	9/7/2004	6788399	Bausch & Lomb Incorporated
HIGH REFRACTIV E INDEX POLYMERI C SILOXYSILA NE COMPOSITI ONS	United States	Expired	11/2/2001	10/000136	6/21/2005	6908978	Bausch & Lomb Incorporated
HIGH REFRACTIV E INDEX AROMATIC- BASED SILOXANE MONOFUN CTIONAL MACROMO NOMERS	United States	Expired	11/2/2001	10/000137	5/4/2004	6730767	Bausch & Lomb Incorporated

Title	Country	Status	Filing Date	Application Number	Issue Date	Patent Number	Owner
HIGH REFRACTIVE INDEX POLYMERIC SILOXYSILANE COMPOSITIONS	United States	Expired	11/2/2001	10/003635	1/30/2007	7169874	Bausch & Lomb Incorporated
HIGH REFRACTIVE INDEX AROMATIC-BASED SILOXANE DIFUNCTIONAL MACROMONOMERS	United States	Expired	11/2/2001	10/004146	4/20/2004	6723816	Bausch & Lomb Incorporated
POLY(2-OXAZOLINE) BIOMEDICAL DEVICES	United States	Expired	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	United States	Expired	12/11/2001	10/013573	5/25/2004	6739721	Bausch & Lomb Incorporated
ABERROMETER CALIBRATION	United States	Expired	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	United States	Expired	12/19/2001	10/025424	2/10/2004	6689975	Bausch & Lomb Incorporated
FOOT CONTROLLER WITH OPHTHALMIC SURGERY INTERLOCK CIRCUIT	United States	Expired	10/025801	12/19/2001	10/28/2003	6639332	Bausch & Lomb Incorporated

Title	Country	Status	Filing Date	Application Number	Issue Date	Patent Number	Owner
AND METHOD							
ABERROMETER ILLUMINATION APPARATUS AND METHOD	United States	Expired	12/21/2001	10/025801	5/18/2004	6736509	Bausch & Lomb Incorporated
IRIS RECOGNITION AND TRACKING FOR OPTICAL TREATMENT	United States	Expired	2/20/2003	10/110892	12/12/2006	7146983	Bausch & Lomb Incorporated
WAVEFRONT SENSOR HAVING MULTI-POWER BEAM MODES, INDEPENDENT ADJUSTMENT CAMERA, AND ACCOMMODATION RANGE MEASUREMENT	United States	Expired	3/13/2003	10/110929	5/2/2006	7036934	Bausch & Lomb Incorporated
IMAGE REGISTRATION SYSTEM AND METHOD	United States	Granted	12/19/2002	10/325791	12/2/2003	6658282	Bausch & Lomb Incorporated
WAVEFRONT SENSOR HAVING MULTI-POWER BEAM MODES, INDEPENDENT ADJUSTMENT CAMERA, AND ACCOMMODATION RANGE MEASUREMENT	United States	Expired	3/6/2006	11/369105	12/1/2009	7625089	Bausch & Lomb Incorporated
IRIS RECOGNITION AND TRACKING FOR	United States	Granted	11/9/2006	11/595386	10/15/2013	8556885	Bausch & Lomb Incorporated

Title	Country	Status	Filing Date	Application Number	Issue Date	Patent Number	Owner
OPTICAL TREATMENT							
COMPOSITIONS AND METHODS FOR TREATING, REDUCING, AMELIORATING, OR PREVENTING INFECTIONS	United States	Granted	5/8/2012	12/115,914	5/6/2008	8173640	Bausch & Lomb Incorporated
HIGH REFRACTIVE INDEX AROMATIC-BASED SILOXANE DIFUNCTIONAL MACROMONOMERS	United States	Expired	9/18/2003	10/665946	3/7/2006	7009023	Bausch & Lomb Incorporated
METHOD AND MOLD TO CONTROL OPTICAL DEVICE POLYMERIZATION	United States	Expired	5/5/2004	10/839495	12/5/2006	7144528	Bausch & Lomb Incorporated
HIGH REFRACTIVE INDEX AROMATIC-BASED SILYL MONOMERS	United States	Expired	5/18/2004	10/848305	11/7/2006	7132494	Bausch & Lomb Incorporated
HIGH REFRACTIVE INDEX POLYMERIC SILOXYSILANE COMPOSITIONS	United States	Expired	1/21/2005	11/041172	11/21/2006	7138440	Bausch & Lomb Incorporated
HIGH REFRACTIVE INDEX POLYMERIC SILOXYSILANE COMPOSITIONS	United States	Expired	1/21/2005	11/041175	8/15/2006	7091299	Bausch & Lomb Incorporated
HIGH REFRACTIVE INDEX AROMATIC-BASED	United States	Expired	1/31/2005	11/048501	7/11/2006	7074873	Bausch & Lomb Incorporated

Title	Country	Status	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	United States	Expired	6/15/2005	11/153470	12/15/2009	7632904	Bausch & Lomb Incorporated
CONTACT LENS WITH HIGH-ORDER COMPENSATION FOR NON-AXISYMMETRIC STRUCTURE	United States	Granted	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	United States	Granted	12/16/2005	11/305606	9/9/2008	7423108	Bausch & Lomb Incorporated
CARBOXYLIC TRIS-LIKE SILOXANYL MONOMERS	United States	Expired	6/30/2006	11/480053	7/7/2009	7557231	Bausch & Lomb Incorporated
TORIC CONTACT LENSES	United States	Expired	12/21/2006	11/614503	11/24/2009	7621635	Bausch & Lomb Incorporated
OPHTHALMIC COMPOSITIONS WITH AN AMPHOTERIC SURFACTANT AND AN ANIONIC	United States	Granted	1/31/2008	12/023509	8/4/2015	9096819	Bausch & Lomb Incorporated

Title	Country	Status	Filing Date	Application Number	Issue Date	Patent Number	Owner
BIOPOLYMER							
IRIS PATTERN RECOGNITION AND ALIGNMENT	United States	Expired	2/1/2008	12/024415	5/29/2012	8186830	Bausch & Lomb Incorporated
BUBBLE REDUCTION SYSTEM	United States	Granted	11/14/2008	12/271,523	12/27/2011	8085392	Bausch & Lomb Incorporated
OPHTHALMIC SURGERY KITS FOR PRIMING TUBES FOR OPHTHALMIC SURGICAL PROCEDURES	United States	Granted	4/26/2011	13/093950	10/14/2014	8858492	Bausch & Lomb Incorporated
PROCESS FOR PREPARING VINYL CHLOROFORMATE	United States	Granted	6/27/2011	13/169085	9/25/2012	8273914	Bausch & Lomb Incorporated
COMPOSITIONS AND METHODS FOR TREATING, REDUCING, AMELIORATING, OR PREVENTING INFECTIONS	United States	Granted	4/3/2012	13/437965	12/18/2012	8334283	Bausch & Lomb Incorporated
CONTACT LENS	United States	Granted	7/2/2009	29/339,573	5/29/2012	D660893	Bausch & Lomb Incorporated
CONTACT LENS	United States	Granted	5/4/2012	29/420,128	11/27/2012	D671580	Bausch & Lomb Incorporated
METHOD FOR ENHANCING INTEGRITY OF EPITHELIUM USING RETINOIC ACID	United States	Granted	12/17/2001	10/023,351	9/7/2004	6787131	Bausch & Lomb Incorporated
METHOD FOR ENHANCING INTEGRITY OF EPITHELIUM USING	United States	Granted	6/16/2004	10/869,432	8/8/2006	7087222	Bausch & Lomb Incorporated

Title	Country	Status	Filing Date	Application Number	Issue Date	Patent Number	Owner
RETINOIC ACID							
OBJECTIVE MANIFEST REFRACTION	United States	Granted	3/18/2002	10/100,782	10/26/2004	6808266	Bausch & Lomb Incorporated
OBJECTIVE MANIFEST REFRACTION	United States	Granted	10/22/2004	10/972,096	4/18/2006	7029119	Bausch & Lomb Incorporated
PRESBYOPIC VISION IMPROVEMENT	United States	Granted	10/18/2002	10/274,677	10/26/2004	6808265	Bausch & Lomb Incorporated
PRESBYOPIC VISION IMPROVEMENT	United States	Granted	10/22/2004	10/972,131	10/10/2006	7118214	Bausch & Lomb Incorporated
APPARATUS AND METHOD FOR MAKING INTRAOCULAR LENSES	United States	Granted	6/25/2002	10/180,797	9/6/2005	6939486	Bausch & Lomb Incorporated
LOW WATER CONTENT, HIGH REFRACTIVE INDEX, FLEXIBLE, POLYMERIC COMPOSITIONS	United States	Granted	6/19/2002	10/175,715	2/8/2005	6852793	Bausch & Lomb Incorporated
SMOOTHLY BLENDED OPTICAL SURFACES	United States	Granted	7/31/2002	10/210,708	1/18/2005	6843563	Bausch & Lomb Incorporated
SYSTEM AND METHOD FOR PREDICTIVE OPHTHALMIC CORRECTION	United States	Granted	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	United States	Granted	9/25/2002	10/254,382	11/16/2004	6817714	Bausch & Lomb Incorporated
WAVEFRONT-GENERATE	United States	Granted	9/25/2002	10/254,813	9/7/2004	6786603	Bausch & Lomb Incorporated

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

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

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

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

Title	Country	Status	Filing Date	Application Number	Issue Date	Patent Number	Owner
OPHTHALMIC DEVICES COMPRISING SUCH POLYMERS							
HIGH REFRACTIVE-INDEX, HYDROPHILIC MONOMERS AND POLYMERS, AND OPHTHALMIC DEVICES COMPRISING SUCH POLYMERS	United States	Granted	11/19/2008	12/273,624	8/24/2010	7781496	Bausch & Lomb Incorporated
NOVEL SYSTEM FOR SYNTHESIS OF DEVICE FORMING MONOMERS	United States	Granted	6/21/2006	11/471,991	6/29/2010	7745564	Bausch & Lomb Incorporated
MULTI-COMPONENT ACCOMMODATIVE INTRAOCULAR LENS WITH COMPRESSIBLE HAPTIC	United States	Granted	7/1/2005	11/173,704	9/22/2009	7591849	Bausch & Lomb Incorporated
ONLINE WAVEFRONT MEASUREMENT AND DISPLAY	United States	Granted	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	United States	Granted	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	United States	Granted	8/16/2006	10/550,437	12/23/2008	7467869	Bausch & Lomb Incorporated

Title	Country	Status	Filing Date	Application Number	Issue Date	Patent Number	Owner
TORIC CONTACT LENSES	United States	Granted	12/21/2006	11/614,514	4/1/2014	8684521	Bausch & Lomb Incorporated
PRODUCTI ON LINE CONTROL USING SHIFT REGISTERS FOR CONTACT LENS MANUFACT URE	United States	Granted	6/16/2006	10/583,494	4/29/2008	7366580	Bausch & Lomb Incorporated
METHOD AND APPARATU S FOR ONLINE CONTACT LENS EVALUATIO N	United States	Granted	2/2/2007	10/565,877	8/10/2010	7771053	Bausch & Lomb Incorporated
OPHTHALMI C SURGICAL CASSETTE AND SYSTEM	United States	Granted	6/5/2007	11/758,048	11/6/2012	8303542	Bausch & Lomb Incorporated
OPHTHALMI C SURGICAL CASSETTE AND SYSTEM	United States	Granted	7/2/2012	13/539,886	8/20/2013	8512014	Bausch & Lomb Incorporated
APPARATU S AND METHOD FOR DETERMINI NG A POSITION OF AN EYE	United States	Granted	9/27/2006	11/528,130	1/20/2009	7478908	Bausch & Lomb Incorporated
OPHTHALMI C COMPOSITI ONS CONTAININ G DIGLYCINE	United States	Granted	10/17/2007	11/873,703	3/20/2012	8138156	Bausch & Lomb Incorporated
GROOVED ASPIRATIO N PUMP ROLLER-HEAD ASSEMBLY	United States	Granted	10/23/2006	11/585,045	7/9/2013	8480625	Bausch & Lomb Incorporated
METHOD OF INSERTING AN INTRAOCUL AR LENSE	United States	Granted	10/20/2006	11/584,024	11/18/2014	8888845	Bausch & Lomb Incorporated

Title	Country	Status	Filing Date	Application Number	Issue Date	Patent Number	Owner
PHACOEMULSIFICATION CANNULA WITH IMPROVED PURCHASE	United States	Granted	11/10/2006	11/595,545	12/18/2012	8333741	Bausch & Lomb Incorporated
OPTICAL CALIBRATION SYSTEM AND METHOD	United States	Granted	12/13/2006	11/610,059	12/28/2010	7859677	Bausch & Lomb Incorporated
CORNEAL MEASUREMENT APPARATUS AND A METHOD OF USING THE SAME	United States	Granted	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	United States	Granted	12/11/2007	11/954,160	3/1/2011	7896497	Bausch & Lomb Incorporated
METHOD OF TREATING INFLAMMATION OF THE EYE	United States	Granted	12/13/2007	11/955,418	2/9/2010	7659259	Bausch & Lomb Incorporated
MULTI-ELEMENT ACCOMMODATIVE INTRAOCULAR LENSE	United States	Granted	12/20/2007	11/961,420	12/24/2013	8613766	Bausch & Lomb Incorporated
METHOD AND APPARATUS FOR DETERMINING THE VISUAL ACUITY OF AN EYE	United States	Granted	5/13/2008	12/093,500	2/2/2010	7654674	Bausch & Lomb Incorporated
COMPOSITIONS AND METHODS FOR TREATING, REDUCING, AMELIORATING, OR PREVENTING INFECTION	United States	Granted	3/19/2008	12/051,289	1/20/2015	8937062	Bausch & Lomb Incorporated

Title	Country	Status	Filing Date	Application Number	Issue Date	Patent Number	Owner
S CAUSED BY ANTIBACTERIAL DRUG-RESISTANT BACTERIA							
OPHTHALMIC COMPOSITION WITH HYALURONIC ACID AND POLYMERIC BIGUANIDE	United States	Granted	4/25/2008	12/109,599	6/24/2014	8759321	Bausch & Lomb Incorporated
METHOD AND APPARATUS FOR EXTRAPOLATING DIAGNOSTIC DATA	United States	Granted	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	United States	Granted	7/8/2008	12/168,943	3/8/2011	7901073	Bausch & Lomb Incorporated
CROSSLINK AGENTS	United States	Granted	1/11/2011	13/004,228	8/28/2012	8252850	Bausch & Lomb Incorporated
CROSSLINK AGENTS AND DUAL RADICAL CURE POLYMER	United States	Granted	7/8/2008	12/168,944	11/8/2011	8053489	Bausch & Lomb Incorporated
CROSSLINK AGENTS AND DUAL RADICAL CURE POLYMER	United States	Granted	9/12/2011	13/230,024	1/8/2013	8349912	Bausch & Lomb Incorporated
APPARATUS AND METHOD FOR SEALING A LIDSTOCK TO A CONTAINER	United States	Granted	9/9/2008	12/282,174	11/16/2010	7832188	Bausch & Lomb Incorporated
PACKAGING SOLUTIONS	United States	Granted	10/23/2007	11/876,862	7/23/2013	8490782	Bausch & Lomb Incorporated

Title	Country	Status	Filing Date	Application Number	Issue Date	Patent Number	Owner
PACKAGING SOLUTIONS	United States	Granted	6/14/2013	13/917,734	12/27/2016	9527617	Bausch & Lomb Incorporated
MOLDS FOR PRODUCTION OF OPHTHALMIC DEVICES	United States	Granted	10/31/2007	11/931,205	9/11/2012	8262952	Bausch & Lomb Incorporated
HIGH WATER CONTENT SILICONE HYDROGELS	United States	Granted	11/10/2008	12/267,660	5/3/2011	7934830	Bausch & Lomb Incorporated
EYE LENGTH MEASUREMENT APPARATUS	United States	Granted	12/11/2007	11/954,146	9/21/2010	7800759	Bausch & Lomb Incorporated
ABERROMETER HAVING REDUCED NOISE	United States	Granted	12/12/2007	11/955,003	1/25/2011	7874674	Bausch & Lomb Incorporated
RECESSED ELECTRODES FOR SENSING FLOW IN OPHTHALMIC SURGICAL SYSTEM	United States	Granted	12/17/2007	11/957,841	11/23/2010	7837660	Bausch & Lomb Incorporated
AIR SEPARATOR FOR OPHTHALMIC SURGICAL SYSTEM	United States	Granted	12/13/2007	11/955,638	5/11/2010	7712360	Bausch & Lomb Incorporated
ASPIRATION FLOW MEASUREMENT SYSTEM WITH FLOW SIGNAL AIR BUBBLE FILTER	United States	Granted	11/13/2008	12/270,209	11/22/2011	8061216	Bausch & Lomb Incorporated
OPHTHALMIC INSTRUMENT ALIGNMENT APPARATUS AND METHOD OF USING SAME	United States	Granted	12/15/2008	12/334,896	11/17/2015	9186059	Bausch & Lomb Incorporated
METHOD OF FORMING A BIOMEDICAL	United States	Granted	12/19/2008	12/339,745	12/14/2010	7850878	Bausch & Lomb Incorporated

Title	Country	Status	Filing Date	Application Number	Issue Date	Patent Number	Owner
L DEVICE INCLUDING AN OPHTHALMIC DEVICE							
HIGH WATER CONTENT OPHTHALMIC DEVICES	United States	Granted	1/8/2009	12/350,262	3/20/2012	8138290	Bausch & Lomb Incorporated
HIGH WATER CONTENT OPHTHALMIC DEVICES	United States	Granted	2/10/2012	13/370,364	3/5/2013	8389597	Bausch & Lomb Incorporated
OPHTHALMIC COMPOSITIONS WITH AN AMPHOTERIC SURFACTANT AND HYALURONIC ACID	United States	Granted	9/3/2008	12/203,384	2/21/2012	8119112	Bausch & Lomb Incorporated
POLYSILOXANES AND POLYSILOXANE PREPOLYMERS WITH VINYL OR EPOXY FUNCTIONALITY	United States	Granted	3/5/2008	12/042,378	8/24/2010	7781554	Bausch & Lomb Incorporated
THIN IOL	United States	Granted	3/18/2009	11/719,471	1/19/2016	9237946	Bausch & Lomb Incorporated
OPHTHALMIC COMPOSITIONS COMPRISING A DIPEPTIDE	United States	Granted	3/25/2008	12/054,577	1/14/2014	8629099	Bausch & Lomb Incorporated
PHARMACEUTICAL FORMULATIONS COMPRISING STABILIZED POLYSACCHARIDES AND SOURCE OF HYDROGEN PEROXIDE	United States	Granted	5/19/2009	12/468,136	11/1/2016	9481856	Bausch & Lomb Incorporated
IOL INJECTOR COMPRISING A	United States	Granted	7/9/2008	12/170,061	2/24/2015	8961601	Bausch & Lomb Incorporated

Title	Country	Status	Filing Date	Application Number	Issue Date	Patent Number	Owner
MOVEABLE SIDE WALL							
BESIFLOXACIN OPHTHALMIC COMPOSITION FOR THE TREATMENT OR CONTROL OF INFECTION	United States	Granted	10/23/2009	12/604,422	4/9/2013	8415342	Bausch & Lomb Incorporated
EYE MEASUREMENT APPARATUS AND METHODS OF USING SAME	United States	Granted	11/5/2008	12/264,965	1/10/2012	8092024	Bausch & Lomb Incorporated
METHOD AND APPARATUS FOR MAKING AND PROCESSING ABERRATION MEASUREMENTS	United States	Granted	11/6/2008	12/266,019	8/28/2012	8254724	Bausch & Lomb Incorporated
POLYMORPHS OF BRIMONIDINE PAMOATE	United States	Granted	10/23/2009	12/604,427	10/11/2011	8034813	Bausch & Lomb Incorporated
POLYMORPHS OF BRIMONIDINE PAMOATE	United States	Granted	9/15/2011	13/233,052	4/16/2013	8420648	Bausch & Lomb Incorporated
POLYMORPHS OF BRIMONIDINE PAMOATE	United States	Granted	3/14/2013	13/826,496	1/28/2014	8637514	Bausch & Lomb Incorporated
POLYMORPHS OF BRIMONIDINE PAMOATE	United States	Granted	3/14/2013	13/826,516	1/28/2014	8637515	Bausch & Lomb Incorporated
OPHTHALMIC SURGICAL CASSETTES FOR OPHTHALMIC SURGERY	United States	Granted	11/14/2008	12/270,998	4/7/2015	8998864	Bausch & Lomb Incorporated

Title	Country	Status	Filing Date	Application Number	Issue Date	Patent Number	Owner
FLOW CONTROL SYSTEM BASED ON LEAKAGE	United States	Granted	12/8/2008	12/329,863	4/24/2012	8162919	Bausch & Lomb Incorporated
SYSTEM FOR OPERATING AND CONTROLLING A PNEUMATICALLY DRIVEN VITRECTOMY PROBE	United States	Granted	12/8/2008	12/329,872	12/11/2012	8328835	Bausch & Lomb Incorporated
DEVICE FOR COLLECTION OF ASPIRATED FLUIDS	United States	Granted	12/11/2008	12/332,853	8/20/2013	8512302	Bausch & Lomb Incorporated
SYSTEM TO IDENTIFY VISCOSITY OF ASPIRATED MATERIAL DURING OPHTHALMIC SURGERY	United States	Granted	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	United States	Granted	12/22/2008	12/341,484	7/30/2013	8498512	Bausch & Lomb Incorporated
VARIABLE FREQUENCY PHACOEMULSIFICATION HANDPIECE	United States	Granted	12/22/2008	12/341,427	5/14/2013	8439938	Bausch & Lomb Incorporated
METHOD FOR PREPARING SUSPENSIONS OF LOW-SOLUBILITY MATERIALS	United States	Granted	10/21/2014	14/519,776	10/3/2017	9775802	Bausch & Lomb Incorporated

Title	Country	Status	Filing Date	Application Number	Issue Date	Patent Number	Owner
FLUOROQUINOLONE CARBOXYLIC ACID MOLECULAR CRYSTALS	United States	Granted	3/12/2010	12/723,047	7/9/2013	8481526	Bausch & Lomb Incorporated
FLUOROQUINOLONE CARBOXYLIC ACID MOLECULAR CRYSTALS	United States	Granted	3/14/2013	13/826,469	12/10/2013	8604020	Bausch & Lomb Incorporated
BIOMEDICAL DEVICES	United States	Granted	6/16/2009	12/456,419	10/25/2011	8043369	Bausch & Lomb Incorporated
BIOMEDICAL DEVICES	United States	Granted	9/7/2011	13/226,691	12/25/2012	8337551	Bausch & Lomb Incorporated
BIOMEDICAL DEVICES	United States	Granted	6/16/2009	12/456,420	12/27/2011	8083348	Bausch & Lomb Incorporated
BIOMEDICAL DEVICES	United States	Granted	6/16/2009	12/456,421	3/13/2012	8133960	Bausch & Lomb Incorporated
BIOMEDICAL DEVICES	United States	Granted	6/16/2009	12/456,423	3/15/2016	9285508	Bausch & Lomb Incorporated
FAST ALGORITHM FOR STREAMING WAVEFRONT	United States	Granted	8/4/2010	12/866,122	11/19/2013	8588487	Bausch & Lomb Incorporated
MONOETHYLENICALLY UNSATURATED POLYMERIZABLE GROUP CONTAINING POLYCARBOSILOXANE MONOMERS	United States	Granted	7/8/2010	12/832,174	4/16/2013	8420711	Bausch & Lomb Incorporated
MONOETHYLENICALLY UNSATURATED POLYCARBOSILOXANE MONOMERS	United States	Granted	7/9/2009	12/499,854	8/9/2011	7994356	Bausch & Lomb Incorporated
MONOETHYLENICALLY UNSATURATED	United States	Granted	3/1/2013	13/781,880	9/9/2014	8827447	Bausch & Lomb Incorporated

Title	Country	Status	Filing Date	Application Number	Issue Date	Patent Number	Owner
POLYMERIZABLE GROUP CONTAINING POLYCARBOSILOXANE MONOMERS							
ETHYLENICALLY UNSATURATED POLYMERIZABLE GROUPS COMPRISING POLYCARBOSILOXANE MONOMERS	United States	Granted	3/15/2013	13/841,145	5/26/2015	9039174	Bausch & Lomb Incorporated
MONOETHYLENICALLY UNSATURATED POLYCARBOSILOXANE MONOMERS	United States	Granted	7/9/2009	12/499,853	3/29/2011	7915323	Bausch & Lomb Incorporated
ILLUMINATION DEVICE AND METHOD OF USE FOR OPHTHALMIC SURGERY	United States	Granted	8/26/2010	12/868,777	10/16/2012	8287525	Bausch & Lomb Incorporated
CONTACT LENS	United States	Granted	7/13/2010	12/835,048	6/11/2013	8461226	Bausch & Lomb Incorporated
STERILE HYALURONIC ACID SOLUTIONS	United States	Granted	2/9/2010	12/702,540	10/9/2012	8283463	Bausch & Lomb Incorporated
STERILE HYALURONIC ACID SOLUTIONS	United States	Granted	8/1/2012	13/564,161	9/10/2013	8530641	Bausch & Lomb Incorporated
INTRAOCULAR LENS	United States	Granted	4/1/2010	12/752,466	5/28/2013	8449611	Bausch & Lomb Incorporated
OPHTHALMIC COMPOSITIONS WITH BIGUANIDE AND PEG-GLYCEROL ESTERS	United States	Granted	3/28/2011	13/072,998	8/6/2013	8501200	Bausch & Lomb Incorporated

Title	Country	Status	Filing Date	Application Number	Issue Date	Patent Number	Owner
OPHTHALMIC COMPOSITIONS WITH BIGUANIDE AND PEG-GLYCEROL ESTERS	United States	Granted	5/3/2013	13/886,571	11/18/2014	8889160	Bausch & Lomb Incorporated
METHOD AND SYSTEM OF MEASURING TORIC LENS AXIS ANGLE	United States	Granted	4/28/2010	12/769,015	4/7/2015	8999209	Bausch & Lomb Incorporated
METHOD AND SYSTEM OF MEASURING TORIC LENS AXIS ANGLE	United States	Published	2/25/2015	14/630,700	{6/28/2015}	{20150168251}	Bausch & Lomb Incorporated
PEROXIDE CONTACT LENS CARE SOLUTION	United States	Granted	1/24/2011	13/012,018	1/13/2015	8932646	Bausch & Lomb Incorporated
PEROXIDE CONTACT LENS CARE SOLUTION	United States	Granted	3/15/2013	13/835,237	11/20/2018	10130733	Bausch & Lomb Incorporated
CONTACT LENS CARE SYSTEM WITH PEROXIDE	United States	Granted	7/22/2011	13/189,046	4/21/2015	9011932	Bausch & Lomb Incorporated
PEROXIDE CONTACT LENS CARE SOLUTION	United States	On Appeal	10/11/2018	16/157,209	{2/7/2019}	{20190038795}	Bausch & Lomb Incorporated
PNEUMATIC SURGICAL INSTRUMENT DETECTION SYSTEM	United States	Granted	12/29/2010	12/980,733	3/26/2013	8403917	Bausch & Lomb Incorporated
ERGONOMIC HAND-OPERABLE FLUID-DISPENSING DEVICE	United States	Granted	2/1/2011	13/018,889	11/17/2015	9186690	Bausch & Lomb Incorporated
BEPOTASTINE COMPOSITIONS	United States	Granted	5/2/2012	13/462,466	8/11/2020	10736841	Bausch & Lomb Incorporated
SYSTEM AND METHOD FOR PERFORMING LENS FRAGMENTATION	United States	Granted	3/30/2012	13/436,352	7/21/2020	10716706	Bausch & Lomb Incorporated

Title	Country	Status	Filing Date	Application Number	Issue Date	Patent Number	Owner
APPARATUS AND METHODS FOR ILLUMINATING SUBSTANCES USING COLOR TO ACHIEVE VISUAL CONTRAST	United States	Granted	5/16/2011	13/108,483	9/16/2014	8838212	Bausch & Lomb Incorporated
CONTACT LENSES HAVING HYBRID ORIENTATION FEATURES	United States	Granted	5/25/2012	13/481,041	4/8/2014	8690320	Bausch & Lomb Incorporated
PHARMACEUTICAL COMPOSITIONS COMPRISING MUSHROOM-BASED POLYSACCHARIDES AND USES THEREOF	United States	Granted	5/10/2012	13/468,125	10/14/2014	8859525	Bausch & Lomb Incorporated
BROMFENAC BIOAVAILABILITY	United States	Granted	11/4/2016	15/343,457	10/2/2018	10085958	Bausch & Lomb Incorporated
BROMFENAC BIOAVAILABILITY	United States	Granted	10/11/2012	13/649,271	12/13/2016	9517220	Bausch & Lomb Incorporated
OPHTHALMIC COMPOSITIONS CONTAINING DIGLYCINE	United States	Granted	2/6/2012	13/366,398	3/4/2014	8664180	Bausch & Lomb Incorporated
OPHTHALMIC PHARMACEUTICAL COMPOSITIONS AND METHODS OF MAKING AND USING SAME	United States	Granted	1/11/2013	13/739,018	3/8/2016	9278132	Bausch & Lomb Incorporated
SYSTEM AND METHOD FOR CREATING A CUSTOMIZED	United States	Granted	3/11/2013	13/792,931	12/22/2015	9216066	Bausch & Lomb Incorporated

Title	Country	Status	Filing Date	Application Number	Issue Date	Patent Number	Owner
ANATOMICAL MODEL OF AN EYE							
USE OF AN OPTICAL SYSTEM SIMULATING BEHAVIOR OF HUMAN EYE TO GENERATE RETINAL IMAGES AND AN IMAGE QUALITY METRIC TO EVALUATE SAME	United States	Granted	7/29/2013	13/952,795	4/7/2015	9001316	Bausch & Lomb Incorporated
METHOD OF MAKING A FULLY POLYMERIZED UV BLOCKING SILICONE HYDROGEL LENS	United States	Abandoned	5/25/2012	13/480,651	{11/28/2013 }	{2013031 3733 }	Bausch & Lomb Incorporated
FULLY POLYMERIZED UV BLOCKING SILICONE HYDROGEL LENS	United States	Granted	5/25/2012	13/480,648	8/19/2014	8807745	Bausch & Lomb Incorporated
FULLY POLYMERIZED UV BLOCKING SILICONE HYDROGEL LENS	United States	Granted	12/20/2012	13/722,054	7/7/2015	9075187	Bausch & Lomb Incorporated
VIBRATING SURGICAL DEVICE FOR REMOVAL OF VITREOUS AND OTHER TISSUE	United States	Granted	10/14/2016	15/293,562	4/27/2021	10987246	Bausch & Lomb Incorporated
VIBRATING SURGICAL DEVICE FOR REMOVAL OF VITREOUS AND OTHER TISSUE	United States	Granted	9/6/2013	14/020,386	11/22/2016	9498377	Bausch & Lomb Incorporated

Title	Country	Status	Filing Date	Application Number	Issue Date	Patent Number	Owner
INTRAOCULAR LENS INJECTOR ASSEMBLY INCLUDING A SHUTTLE AND METHOD OF USING SAME	United States	Granted	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	United States	Granted	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	United States	Granted	10/18/2012	13/655,048	1/13/2015	8931900	Bausch & Lomb Incorporated
IRRIGATION SLEEVE AND PHACOEMULSIFICATION NEEDLE WITH SLEEVE RETENTION FEATURES	United States	Granted	10/26/2012	13/661,493	4/17/2018	9943439	Bausch & Lomb Incorporated
OPHTHALMIC MULTIPLE WAVELENGTH LASER ILLUMINATOR WITH A GRAPHICAL USER INTERFACE	United States	Granted	11/6/2013	14/072,859	2/20/2018	9895056	Bausch & Lomb Incorporated
SYSTEM AND METHOD FOR FEMTO-FRAGMENTATION OF A CRYSTALLINE LENS	United States	Granted	3/12/2013	13/795,641	3/14/2017	9592157	Bausch & Lomb Incorporated
SYSTEM AND METHOD FOR FEMTO-	United States	Granted	1/23/2017	15/412,980	5/22/2018	9974692	Bausch & Lomb Incorporated

Title	Country	Status	Filing Date	Application Number	Issue Date	Patent Number	Owner
FRAGMENTATION OF A CRYSTALLINE LENS							
SYSTEM AND METHOD OF CALCULATING VISUAL PERFORMANCE OF AN OPHTHALMIC OPTICAL CORRECTION USING SIMULATION OF IMAGING BY A POPULATION OF EYE OPTICAL SYSTEMS	United States	Granted	11/7/2012	13/670,968	7/28/2015	9091864	Bausch & Lomb Incorporated
HINGELESS CARTRIDGE FOR USE WITH AN INTRAOCULAR LENSE INJECTOR PROVIDING HAPTIC CONTROL	United States	Granted	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	United States	Granted	11/8/2013	14/075,845	1/19/2016	9237947	Bausch & Lomb Incorporated
AQUEOUS LIQUID COMPOSITION CONTAINING 2-AMINO-3-(4-BROMOBENZOYL)PHENYLACETIC ACID	United States	Published	8/3/2020	16/983,267	{10/192020}	{20200360326}	Bausch & Lomb Incorporated
METHOD OF PREPARING WATER EXTRACTABLE SILICON-CONTAINING	United States	Granted	12/20/2012	13/722,073	3/3/2015	8967799	Bausch & Lomb Incorporated

Title	Country	Status	Filing Date	Application Number	Issue Date	Patent Number	Owner
BIOMEDICAL DEVICES							
POLY(NITROGEN/AMINE) DERIVATIVES OF A NATURAL WAX AND OPHTHALMIC COMPOSITIONS	United States	Granted	1/23/2014	14/161,936	3/8/2016	9279095	Bausch & Lomb Incorporated
SYNTHESIS OF FREE RADICAL POLYMERIZABLE ETHYLENICALLY UNSATURATED POLOXAMERS AND POLOXAMINES	United States	Granted	6/18/2014	14/308,229	4/12/2016	9309357	Bausch & Lomb Incorporated
POSTERIOR CAPSULOTOMY USING LASER TECHNIQUES	United States	Granted	12/30/2014	14/412,168	9/18/2018	10076445	Bausch & Lomb Incorporated
POSTERIOR CAPSULOTOMY USING LASER TECHNIQUES	United States	Granted	1/18/2018	15/874,759	10/8/2019	10434011	Bausch & Lomb Incorporated
POSTERIOR CAPSULOTOMY USING LASER TECHNIQUES	United States	Granted	1/18/2018	15/874,773	10/8/2019	10434012	Bausch & Lomb Incorporated
LIGHT ABSORBING COMPOUNDS FOR OPTICAL POLYMERS	United States	Granted	1/19/2015	14/415,697	2/2/2016	9249249	Bausch & Lomb Incorporated
OPHTHALMIC COMPOSITIONS WITH ALKOXYLATED NATURAL WAXES	United States	Granted	8/7/2014	14/377,460	6/28/2016	9375401	Bausch & Lomb Incorporated

Title	Country	Status	Filing Date	Application Number	Issue Date	Patent Number	Owner
METHOD AND APPARATUS FOR DELAYING POLYMERIZATION	United States	Granted	9/2/2015	14/772,106	8/16/2022	11414501	Bausch & Lomb Incorporated
MINIMIZING BIOLOGICAL LIPID DEPOSITS ON CONTACT LENSES	United States	Granted	3/12/2015	14/427,928	4/17/2018	9943622	Bausch & Lomb Incorporated
OPHTHALMIC SUSPENSION COMPOSITION	United States	Granted	1/26/2016	15/006,525	3/24/2020	10596107	Bausch & Lomb Incorporated
OPHTHALMIC SUSPENSION COMPOSITION	United States	Allowed	3/23/2020	16/826,366	{7/9/2020}	{20200214977}	Bausch & Lomb Incorporated
ULTRASONIC NEEDLES AND TRANSDUCER ASSEMBLIES FORMED OF NON-METAL MATERIALS OR A COMBINATION OF MATERIALS	United States	Granted	4/20/2015	14/690,791	3/2/2021	10932948	Bausch & Lomb Incorporated
ULTRASONIC NEEDLES AND TRANSDUCER ASSEMBLIES FORMED OF NON-METAL MATERIALS OR A COMBINATION OF MATERIALS	United States	Published	1/26/2021	17/158,562	{5/20/2021}	{20210145639}	Bausch & Lomb Incorporated
CAST MOLDING TORIC CONTACT LENSES	United States	Granted	4/27/2016	15/139,513	11/20/2018	10133089	Bausch & Lomb Incorporated
METHOD FOR OBTAINING CONTACT LENSES	United States	Granted	5/26/2016	15/165,044	3/24/2020	10598955	Bausch & Lomb Incorporated

Title	Country	Status	Filing Date	Application Number	Issue Date	Patent Number	Owner
WITH DYNAMICALY CONTROLLED SAGITTA AND CLEARANCE							
METHOD FOR OBTAINING CONTACT LENSES WITH DYNAMICALY CONTROLLED SAGITTA AND CLEARANCE	United States	Granted	3/23/2020	16/826,434	7/19/2022	11391964	Bausch & Lomb Incorporated
ULTRASONIC SURGICAL ASPIRATION NEEDLE ASSEMBLY WITH MOLDED HUB	United States	Granted	4/29/2016	15/142,932	Will issue on 11/1/2022	11484441	Bausch & Lomb Incorporated
PRISM BALLASTED CONTACT LENS	United States	Granted	6/30/2017	15/640,207	4/30/2019	10274751	Bausch & Lomb Incorporated
METHOD AND APPARATUS FOR FORMING A LENS	United States	Granted	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	United States	Granted	9/19/2017	15/708,873	7/28/2020	10722346	Bausch & Lomb Incorporated
METHOD FOR INTRAOCUL	United States	Granted	6/26/2020	16/913,255	3/22/2022	11278395	Bausch & Lomb Incorporated

Title	Country	Status	Filing Date	Application Number	Issue Date	Patent Number	Owner
AR LENS INJECTOR ASSEMBLY HAVING SHUTTLE ASSEMBLY RETAINING INTRAOCULAR LENS IN STORAGE VIAL AND OPERABLY PRESENTING INTRAOCULAR LENS IN INJECTOR ASSEMBLY							
OPHTHALMIC VISCOELASTIC COMPOSITIONS	United States	Published	11/16/2018	16/193,537	{5/23/2019}	{20190151500}	Bausch & Lomb Incorporated
METHOD FOR END-CAPPING A POLYSILOXANE PREPOLYMER	United States	Granted	1/14/2019	16/246,715	12/22/2020	10870731	Bausch & Lomb Incorporated
DISTANCE DOMINANT INTRAOCULAR LENS	United States	Granted	12/26/2018	16/232,725	5/31/2022	11344404	Bausch & Lomb Incorporated
INJECTOR ASSEMBLY EMPLOYING COMPRESSED GAS AND A MECHANICAL BRAKE FOR PRESENTING AN INTRAOCULAR LENS TO A PATIENT	United States	Published	3/26/2019	16/364,968	{10/3/2019}	{20190298512}	Bausch & Lomb Incorporated

Title	Country	Status	Filing Date	Application Number	Issue Date	Patent Number	Owner
OPHTHALMIC DEVICE PACKAGING SOLUTIONS COMPRISING A POLOXAMINE/ERYTHRITOL MIXTURE	United States	Granted	5/21/2019	16/418,325	2/22/2022	11253625	Bausch & Lomb Incorporated
WATER EXTRACTABLE OPHTHALMIC DEVICES	United States	Granted	5/17/2019	16/415,281	6/1/2021	11022722	Bausch & Lomb Incorporated
OPHTHALMIC DEVICES	United States	Granted	8/10/2018	16/100,732	6/2/2020	10668676	Bausch & Lomb Incorporated

Title	Country	Status	Filing Date	Application Number	Issue Date	Patent Number	Owner
HIGH WATER CONTENT OPHTHALMIC DEVICES	United States	Granted	8/10/2018	16/100,693	10/27/2020	10816698	Bausch & Lomb Incorporated
NITRIC OXIDE RELEASING PROSTAGLANDIN DERIVATIVES FOR TREATING NORMAL TENSION GLAUCOMA	United States	Granted	4/18/2019	16/343,323	7/13/2021	11058691	Bausch & Lomb Incorporated
PACKAGING SOLUTIONS	United States	Allowed	1/28/2020	16/774,190	{7/30/2020}	{20200239217}	Bausch & Lomb Incorporated

Title	Country	Status	Filing Date	Application Number	Issue Date	Patent Number	Owner
CROSSLINKED POLYMERIC NETWORK AND USE THEREOF	United States	Published	1/10/2020	16/739,547	{7/30/2020}	{20200239601}	Bausch & Lomb Incorporated
GLYCOPHOSPHOLIPID POLYMERIC NETWORK AND USE THEREOF	United States	Published	3/11/2020	16/815,630	{10/29/2020}	{20200339710}	Bausch & Lomb Incorporated
VITREORETINAL TAMPONADES BASED ON FLUOROSILICONE FLUIDS	United States	Granted	9/19/2002	10/247,452	3/9/2004	6703378	Bausch & Lomb Incorporated

Title	Country	Status	Filing Date	Application Number	Issue Date	Patent Number	Owner
EYEWEAR MAGNIFYING LOUPE	United States	Granted	3/20/2003	10/393,634	7/20/2004	6764176	Bausch & Lomb Incorporated
OPHTHALMIC COMPOSITIONS CONTAINING DIGLYCINE	United States	Granted	2/6/2012	13/366,399	12/4/2012	8324171	Bausch & Lomb Incorporated
STERILIZATION OF INTRAOCULAR LENSES	United States	Granted	11/1/2012	13/666,051	6/17/2014	8753389	Bausch & Lomb Incorporated

Title	Country	Status	Filing Date	Application Number	Issue Date	Patent Number	Owner
STERILIZATION OF INTRAOCULAR LENSES	United States	Granted	12/7/2009	12/631,901	12/11/2012	8329097	Bausch & Lomb Incorporated
CONTACT LENS CASE	United States	Granted	3/12/2009	29/333,572	5/25/2010	D616198	Bausch & Lomb Incorporated
HAND HELD MAGNIFIER	United States	Granted	10/31/2012	29/436,021	4/15/2014	D702745	Bausch & Lomb Incorporated

Title	Country	Status	Filing Date	Application Number	Issue Date	Patent Number	Owner
HAND HELD MAGNIFIER	United States	Granted	10/31/2012	29/436,023	4/15/2014	D702746	Bausch & Lomb Incorporated
MAGNIFIER	United States	Granted	8/11/2017	29/613,684	3/22/2022	D946800	Bausch & Lomb Incorporated

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Title	Country	Status	Filing Date	Application Number	Issue Date	Patent Number	Owner
QUINOLONE CARBOXYLIC ACID COMPOSITIONS AND RELATED METHODS OF TREATMENT	United States	Expired	4/25/2001	09/840871	2/3/2004	6685958	Bausch & Lomb Incorporated
ANTERIOR CHAMBER DIAMETER MEASUREMENT SYSTEM FROM LIMBAL RING MEASUREMENT	United States	Expired	7/30/2001	09/918678	12/14/2004	6830334	Bausch & Lomb Incorporated

Title	Country	Status	Filing Date	Application Number	Issue Date	Patent Number	Owner
CONTACT LENS	United States	Granted	7/2/2009	29/339,573	5/29/2012	D660893	Bausch & Lomb Incorporated
CONTACT LENS	United States	Granted	5/4/2012	29/420,128	11/27/2012	D671580	Bausch & Lomb Incorporated
METHOD FOR ENHANCING INTEGRITY OF EPITHELIUM USING RETINOIC ACID	United States	Granted	12/17/2001	10/023,351	9/7/2004	6787131	Bausch & Lomb Incorporated
NUTRITIONAL SUPPLEMENT TO TREAT MACULAR DEGENERATION	United States	Granted	1/13/2005	11/034656	12-10/2013	8603522	Bausch & Lomb Incorporated
COMPOSITIONS AND METHODS FOR TREATING, REDUCING, AMELIORATING, OR PREVENTING INFECTIONS	United States	Granted	5/8/2012	12/115,914	5/6/2008	8173640	Bausch & Lomb Incorporated
COMPOSITIONS AND METHODS FOR TREATING, REDUCING, AMELIORATING, OR PREVENTING INFECTIONS	United States	Granted	4/3/2012	13437965	12/18/2012	8334283	Bausch & Lomb Incorporated
HIGH REFRACTIVE INDEX AROMATIC-BASED Silyl MONOMERS	United States	Expired	5/18/2004	10/848,305	11/7/2006	7132494	Bausch & Lomb Incorporated
HIGH REFRACTIVE INDEX AROMATIC-BASED PREPOLYMERS	United States	Expired	1/31/2005	11/048,501	7/11/2006	7074873	Bausch & Lomb Incorporated

Title	Country	Status	Filing Date	Application Number	Issue Date	Patent Number	Owner
HIGH REFRACTIVE INDEX AROMATIC-BASED SILOXANE DIFUNCTIONAL MACROMONOMERS	United States	Expired	9/18/2003	10/665,946	3/7/2006	7009023	Bausch & Lomb Incorporated
HIGH REFRACTIVE INDEX POLYMERIC SILOXYSILANE COMPOSITIONS	United States	Expired	1/21/2005	11041175	8/15/2006	7091299	Bausch & Lomb Incorporated
HIGH REFRACTIVE INDEX POLYMERIC SILOXYSILANE COMPOSITIONS	United States	Expired	1/21/2005	11041172	11/21/2006	7138440	Bausch & Lomb Incorporated
HIGH REFRACTIVE-INDEX, HYDROPHILIC, ARYLSILOXY-CONTAINING MONOMERS AND POLYMERS, AND OPHTHALMIC DEVICES COMPRISING SUCH POLYMERS	United States	Expired	6/15/2015	11/153,470	12/15/2009	7632904	Bausch & Lomb Incorporated
METHOD AND MOLD TO CONTROL OPTICAL DEVICE POLYMERIZATION	United States	Expired	5/5/2004	10839495	12/5/2006	7144528	Bausch & Lomb Incorporated
TORIC CONTACT LENSES	United States	Expired	12/21/2006	11614503	11/24/2009	7621635	Bausch & Lomb Incorporated
METHOD FOR ENHANCING INTEGRITY OF EPITHELIUM	United States	Granted	6/16/2004	10/869,432	8/8/2006	7087222	Bausch & Lomb Incorporated

Title	Country	Status	Filing Date	Application Number	Issue Date	Patent Number	Owner
M USING RETINOIC ACID							
OBJECTIVE MANIFEST REFRACTION	United States	Granted	3/18/2002	10/100,782	10/26/2004	6808266	Bausch & Lomb Incorporated
OBJECTIVE MANIFEST REFRACTION	United States	Granted	10/22/2004	10/972,096	4/18/2006	7029119	Bausch & Lomb Incorporated
PRESBYOPIC VISION IMPROVEMENT	United States	Granted	10/18/2002	10/274,677	10/26/2004	6808265	Bausch & Lomb Incorporated
PRESBYOPIC VISION IMPROVEMENT	United States	Granted	10/22/2004	10/972,131	10/10/2006	7118214	Bausch & Lomb Incorporated
APPARATUS AND METHOD FOR MAKING INTRAOCULAR LENSES	United States	Granted	6/25/2002	10/180,797	9/6/2005	6939486	Bausch & Lomb Incorporated
LOW WATER CONTENT, HIGH REFRACTIVE INDEX, FLEXIBLE, POLYMERIC COMPOSITIONS	United States	Granted	6/19/2002	10/175,715	2/8/2005	6852793	Bausch & Lomb Incorporated
SMOOTHLY BLENDED OPTICAL SURFACES	United States	Granted	7/31/2002	10/210,708	1/18/2005	6843563	Bausch & Lomb Incorporated
SYSTEM AND METHOD FOR PREDICTIVE OPHTHALMIC CORRECTION	United States	Granted	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	United States	Granted	9/25/2002	10/254,382	11/16/2004	6817714	Bausch & Lomb Incorporated

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

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

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

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

Title	Country	Status	Filing Date	Application Number	Issue Date	Patent Number	Owner
POLYMERS, AND OPHTHALMIC DEVICES COMPRISING SUCH POLYMERS							
HIGH REFRACTIVE-INDEX, HYDROPHILIC MONOMERS AND POLYMERS, AND OPHTHALMIC DEVICES COMPRISING SUCH POLYMERS	United States	Granted	11/19/2008	12/273,624	8/24/2010	7781496	Bausch & Lomb Incorporated
HIGH REFRACTIVE-INDEX SILOXY-CONTAINING MONOMERS AND POLYMERS, AND OPHTHALMIC DEVICES COMPRISING SUCH POLYMERS	United States	Granted	12/16/2005	11305606	9/9/2008	7423108	Bausch & Lomb Incorporated
OPHTHALMIC SURGERY KITS FOR PRIMING TUBES FOR OPHTHALMIC SURGICAL PROCEDURES	United States	Granted	4/26/2011	13/093,950	10/14/2014	8858492	Bausch & Lomb Incorporated
DETACHABLE FINGER-ACTIVATED SURGICAL CONTROL DEVICE	United States	Abandoned	7/3/2019	16429347			Bausch & Lomb Incorporated
CONTACT LENS WITH HIGH-ORDER COMPENSATION FOR NON-AXISYMMETRIC STRUCTURE	United States	Granted	12/9/2005	11/164,898	2/6/2007	7172285	Bausch & Lomb Incorporated

Title	Country	Status	Filing Date	Application Number	Issue Date	Patent Number	Owner
CONTACT LENS BLISTER PACKAGE	United States	Granted	5/22/2005	29/225,890	5/22/2005	D543103	Bausch & Lomb Incorporated
BUBBLE REDUCTION SYSTEM	United States	Granted	11/14/2008	12/271,523	12/27/2011	8085392	Bausch & Lomb Incorporated
PROCESS FOR PREPARING VINYL CHLOROFORMATE	United States	Granted	6/27/2011	13/169,085	9/25/2012	8273914	Bausch & Lomb Incorporated
IRIS PATTERN RECOGNITION AND ALIGNMENT	United States	Expired	2/1/2008	12/024,415	5/29/2012	8186830	Bausch & Lomb Incorporated
CARBOXYLIC TRIS-LIKE SILOXANYL MONOMERS	United States	Expired	6/30/2006	11/480,053	7/7/2009	7557231	Bausch & Lomb Incorporated
NOVEL SYSTEM FOR SYNTHESIS OF DEVICE FORMING MONOMERS	United States	Granted	6/21/2006	11/471,991	6/29/2010	7745564	Bausch & Lomb Incorporated
MULTI-COMPONENT ACCOMMODATIVE INTRAOCULAR LENS WITH COMPRESSIBLE HAPTIC	United States	Granted	7/1/2005	11/173,704	9/22/2009	7591849	Bausch & Lomb Incorporated
ONLINE WAVEFRONT MEASUREMENT AND DISPLAY	United States	Granted	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	United States	Granted	7/21/2005	11/186,733	10/16/2007	7281799	Bausch & Lomb Incorporated
SYSTEM AND METHOD FOR ACQUIRING DATA AND	United States	Granted	8/16/2006	10/550,437	12/23/2008	7467869	Bausch & Lomb Incorporated

Title	Country	Status	Filing Date	Application Number	Issue Date	Patent Number	Owner
ALIGNING AND TRACKING OF AN EYE							
TORIC CONTACT LENSES	United States	Granted	12/21/2006	11/614,514	4/1/2014	8684521	Bausch & Lomb Incorporated
PRODUCTION LINE CONTROL USING SHIFT REGISTERS FOR CONTACT LENS MANUFACTURE	United States	Granted	6/16/2006	10/583,494	4/29/2008	7366580	Bausch & Lomb Incorporated
METHOD AND APPARATUS FOR ONLINE CONTACT LENS EVALUATION	United States	Granted	2/2/2007	10/565,877	8/10/2010	7771053	Bausch & Lomb Incorporated
OPHTHALMIC SURGICAL CASSETTE AND SYSTEM	United States	Granted	6/5/2007	11/758,048	11/6/2012	8303542	Bausch & Lomb Incorporated
OPHTHALMIC SURGICAL CASSETTE AND SYSTEM	United States	Granted	7/2/2012	13/539,886	8/20/2013	8512014	Bausch & Lomb Incorporated
APPARATUS AND METHOD FOR DETERMINING A POSITION OF AN EYE	United States	Granted	9/27/2006	11/528,130	1/20/2009	7478908	Bausch & Lomb Incorporated
OPHTHALMIC COMPOSITIONS CONTAINING DIGLYCINE	United States	Granted	10/17/2007	11/873,703	3/20/2012	8138156	Bausch & Lomb Incorporated
GROOVED ASPIRATION PUMP ROLLER-HEAD ASSEMBLY	United States	Granted	10/23/2006	11/585,045	7/9/2013	8480625	Bausch & Lomb Incorporated
METHOD OF INSERTING AN	United States	Granted	10/20/2006	11/584,024	11/18/2014	8888845	Bausch & Lomb Incorporated

Title	Country	Status	Filing Date	Application Number	Issue Date	Patent Number	Owner
INTRAOCLULAR LENSE							
PHACOEMULSIFICATION CANNULA WITH IMPROVED PURCHASE	United States	Granted	11/10/2006	11/595,545	12/18/2012	8333741	Bausch & Lomb Incorporated
OPTICAL CALIBRATION SYSTEM AND METHOD	United States	Granted	12/13/2006	11/610,059	12/28/2010	7859677	Bausch & Lomb Incorporated
CORNEAL MEASUREMENT APPARATUS AND A METHOD OF USING THE SAME	United States	Granted	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	United States	Granted	12/11/2007	11/954,160	3/1/2011	7896497	Bausch & Lomb Incorporated
METHOD OF TREATING INFLAMMATION OF THE EYE	United States	Granted	12/13/2007	11/955,418	2/9/2010	7659259	Bausch & Lomb Incorporated
MULTI-ELEMENT ACCOMMODATIVE INTRAOCULAR LENSE	United States	Granted	12/20/2007	11/961,420	12/24/2013	8613766	Bausch & Lomb Incorporated
METHOD AND APPARATUS FOR DETERMINING THE VISUAL ACUITY OF AN EYE	United States	Granted	5/13/2008	12/093,500	2/2/2010	7654674	Bausch & Lomb Incorporated
COMPOSITIONS AND METHODS FOR TREATING, REDUCING, AMELIORATING, OR PREVENTING	United States	Granted	3/19/2008	12/051,289	1/20/2015	8937062	Bausch & Lomb Incorporated

Title	Country	Status	Filing Date	Application Number	Issue Date	Patent Number	Owner
G INFECTIONS CAUSED BY ANTIBACTERIAL DRUG-RESISTANT BACTERIA							
OPHTHALMIC COMPOSITION WITH HYALURONIC ACID AND POLYMERIC BIGUANIDE	United States	Granted	4/25/2008	12/109,599	6/24/2014	8759321	Bausch & Lomb Incorporated
METHOD AND APPARATUS FOR EXTRAPOLATING DIAGNOSTIC DATA	United States	Granted	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	United States	Granted	7/8/2008	12/168,943	3/8/2011	7901073	Bausch & Lomb Incorporated
CROSSLINK AGENTS	United States	Granted	1/11/2011	13/004,228	8/28/2012	8252850	Bausch & Lomb Incorporated
CROSSLINK AGENTS AND DUAL RADICAL CURE POLYMER	United States	Granted	7/8/2008	12/168,944	11/8/2011	8053489	Bausch & Lomb Incorporated
CROSSLINK AGENTS AND DUAL RADICAL CURE POLYMER	United States	Granted	9/12/2011	13/230,024	1/8/2013	8349912	Bausch & Lomb Incorporated
APPARATUS AND METHOD FOR SEALING A LIDSTOCK TO A CONTAINER	United States	Granted	9/9/2008	12/282,174	11/16/2010	7832188	Bausch & Lomb Incorporated

Title	Country	Status	Filing Date	Application Number	Issue Date	Patent Number	Owner
PACKAGING SOLUTIONS	United States	Granted	10/23/2007	11/876,862	7/23/2013	8490782	Bausch & Lomb Incorporated
PACKAGING SOLUTIONS	United States	Granted	6/14/2013	13/917,734	12/27/2016	9527617	Bausch & Lomb Incorporated
MOLDS FOR PRODUCTION OF OPHTHALMIC DEVICES	United States	Granted	10/31/2007	11/931,205	9/11/2012	8262952	Bausch & Lomb Incorporated
HIGH WATER CONTENT SILICONE HYDROGELS	United States	Granted	11/10/2008	12/267,660	5/3/2011	7934830	Bausch & Lomb Incorporated
EYE LENGTH MEASUREMENT APPARATUS	United States	Granted	12/11/2007	11/954,146	9/21/2010	7800759	Bausch & Lomb Incorporated
ABERRATOR HAVING REDUCED NOISE	United States	Granted	12/12/2007	11/955,003	1/25/2011	7874674	Bausch & Lomb Incorporated
RECESSED ELECTRODES FOR SENSING FLOW IN OPHTHALMIC SURGICAL SYSTEM	United States	Granted	12/17/2007	11/957,841	11/23/2010	7837660	Bausch & Lomb Incorporated
AIR SEPARATOR FOR OPHTHALMIC SURGICAL SYSTEM	United States	Granted	12/13/2007	11/955,638	5/11/2010	7712360	Bausch & Lomb Incorporated
ASPIRATION FLOW MEASUREMENT SYSTEM WITH FLOW SIGNAL AIR BUBBLE FILTER	United States	Granted	11/13/2008	12/270,209	11/22/2011	8061216	Bausch & Lomb Incorporated
OPHTHALMIC INSTRUMENT ALIGNMENT APPARATUS AND METHOD OF USING SAME	United States	Granted	12/15/2008	12/334,896	11/17/2015	9186059	Bausch & Lomb Incorporated

Title	Country	Status	Filing Date	Application Number	Issue Date	Patent Number	Owner
METHOD OF FORMING A BIOMEDICAL DEVICE INCLUDING AN OPHTHALMIC DEVICE	United States	Granted	12/19/2008	12/339,745	12/14/2010	7850878	Bausch & Lomb Incorporated
HIGH WATER CONTENT OPHTHALMIC DEVICES	United States	Granted	1/8/2009	12/350,262	3/20/2012	8138290	Bausch & Lomb Incorporated
HIGH WATER CONTENT OPHTHALMIC DEVICES	United States	Granted	2/10/2012	13/370,364	3/5/2013	8389597	Bausch & Lomb Incorporated
OPHTHALMIC COMPOSITIONS WITH AN AMPHOTERIC SURFACTANT AND HYALURONIC ACID	United States	Granted	9/3/2008	12/203,384	2/21/2012	8119112	Bausch & Lomb Incorporated
POLYSILOXANES AND POLYSILOXANE PREPOLYMERS WITH VINYL OR EPOXY FUNCTIONALITY	United States	Granted	3/5/2008	12/042,378	8/24/2010	7781554	Bausch & Lomb Incorporated
THIN IOL	United States	Granted	3/18/2009	11/719,471	1/19/2016	9237946	Bausch & Lomb Incorporated
OPHTHALMIC COMPOSITIONS COMPRISING A DIPEPTIDE	United States	Granted	3/25/2008	12/054,577	1/14/2014	8629099	Bausch & Lomb Incorporated
PHARMACEUTICAL FORMULATIONS COMPRISING STABILIZED POLYSACCHARIDES AND SOURCE OF HYDROGEN PEROXIDE	United States	Granted	5/19/2009	12/468,136	11/1/2016	9481856	Bausch & Lomb Incorporated

Title	Country	Status	Filing Date	Application Number	Issue Date	Patent Number	Owner
IOL INJECTOR COMPRISING A MOVEABLE SIDE WALL	United States	Granted	7/9/2008	12/170,061	2/24/2015	8961601	Bausch & Lomb Incorporated
BESIFLOXACIN OPHTHALMIC COMPOSITION FOR THE TREATMENT OR CONTROL OF INFECTION	United States	Granted	10/23/2009	12/604,422	4/9/2013	8415342	Bausch & Lomb Incorporated
EYE MEASUREMENT APPARATUS AND METHODS OF USING SAME	United States	Granted	11/5/2008	12/264,965	1/10/2012	8092024	Bausch & Lomb Incorporated
METHOD AND APPARATUS FOR MAKING AND PROCESSING ABERRATION MEASUREMENTS	United States	Granted	11/6/2008	12/266,019	8/28/2012	8254724	Bausch & Lomb Incorporated
POLYMORPHS OF BRIMONIDINE PAMOATE	United States	Granted	10/23/2009	12/604,427	10/11/2011	8034813	Bausch & Lomb Incorporated
POLYMORPHS OF BRIMONIDINE PAMOATE	United States	Granted	9/15/2011	13/233,052	4/16/2013	8420648	Bausch & Lomb Incorporated
POLYMORPHS OF BRIMONIDINE PAMOATE	United States	Granted	3/14/2013	13/826,496	1/28/2014	8637514	Bausch & Lomb Incorporated
POLYMORPHS OF BRIMONIDINE PAMOATE	United States	Granted	3/14/2013	13/826,516	1/28/2014	8637515	Bausch & Lomb Incorporated
OPHTHALMIC SURGICAL CASSETTES FOR OPHTHALMIC	United States	Granted	11/14/2008	12/270,998	4/7/2015	8998864	Bausch & Lomb Incorporated

Title	Country	Status	Filing Date	Application Number	Issue Date	Patent Number	Owner
C SURGERY							
FLOW CONTROL SYSTEM BASED ON LEAKAGE	United States	Granted	12/8/2008	12/329,863	4/24/2012	8162919	Bausch & Lomb Incorporated
SYSTEM FOR OPERATING AND CONTROLLING A PNEUMATICALLY DRIVEN VITRECTOMY PROBE	United States	Granted	12/8/2008	12/329,872	12/11/2012	8328835	Bausch & Lomb Incorporated
DEVICE FOR COLLECTION OF ASPIRATED FLUIDS	United States	Granted	12/11/2008	12/332,853	8/20/2013	8512302	Bausch & Lomb Incorporated
SYSTEM TO IDENTIFY VISCOSITY OF ASPIRATED MATERIAL DURING OPHTHALMIC SURGERY	United States	Granted	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	United States	Granted	12/22/2008	12/341,484	7/30/2013	8498512	Bausch & Lomb Incorporated
VARIABLE FREQUENCY PHACOEMULSIFICATION HANDPIECE	United States	Granted	12/22/2008	12/341,427	5/14/2013	8439938	Bausch & Lomb Incorporated
METHOD FOR PREPARING SUSPENSIONS OF LOW-SOLUBILITY MATERIALS	United States	Granted	10/21/2014	14/519,776	10/3/2017	9775802	Bausch & Lomb Incorporated

Title	Country	Status	Filing Date	Application Number	Issue Date	Patent Number	Owner
FLUOROQUINOLONE CARBOXYLIC ACID MOLECULAR CRYSTALS	United States	Granted	3/12/2010	12/723,047	7/9/2013	8481526	Bausch & Lomb Incorporated
FLUOROQUINOLONE CARBOXYLIC ACID MOLECULAR CRYSTALS	United States	Granted	3/14/2013	13/826,469	12/10/2013	8604020	Bausch & Lomb Incorporated
BIOMEDICAL DEVICES	United States	Granted	6/16/2009	12/456,419	10/25/2011	8043369	Bausch & Lomb Incorporated
BIOMEDICAL DEVICES	United States	Granted	9/7/2011	13/226,691	12/25/2012	8337551	Bausch & Lomb Incorporated
BIOMEDICAL DEVICES	United States	Granted	6/16/2009	12/456,420	12/27/2011	8083348	Bausch & Lomb Incorporated
BIOMEDICAL DEVICES	United States	Granted	6/16/2009	12/456,421	3/13/2012	8133960	Bausch & Lomb Incorporated
BIOMEDICAL DEVICES	United States	Granted	6/16/2009	12/456,423	3/15/2016	9285508	Bausch & Lomb Incorporated
OPHTHALMIC COMPOSITIONS WITH AN AMPHOTERIC SURFACTANT AND AN ANIONIC BIOPOLYMER	United States	Granted	1/31/2008	12023509	8/4/2005	9096819	Bausch & Lomb Incorporated
FAST ALGORITHM FOR STREAMING WAVEFRONT	United States	Granted	8/4/2010	12/866,122	11/19/2013	8588487	Bausch & Lomb Incorporated
MONOETHYLENICALLY UNSATURATED POLYMERIZABLE GROUP CONTAINING POLYCARBOSILOXANE MONOMERS	United States	Granted	7/8/2010	12/832,174	4/16/2013	8420711	Bausch & Lomb Incorporated

Title	Country	Status	Filing Date	Application Number	Issue Date	Patent Number	Owner
MONO ETHYLENIC ALLY UNSATURATED POLYCARBOSILOXANE MONOMERS	United States	Granted	7/9/2009	12/499,854	8/9/2011	7994356	Bausch & Lomb Incorporated
MONO ETHYLENIC ALLY UNSATURATED POLYMERIZABLE GROUP CONTAINING POLYCARBOSILOXANE MONOMERS	United States	Granted	3/1/2013	13/781,880	9/9/2014	8827447	Bausch & Lomb Incorporated
ETHYLENIC ALLY UNSATURATED POLYMERIZABLE GROUPS COMPRISING POLYCARBOSILOXANE MONOMERS	United States	Granted	3/15/2013	13/841,145	5/26/2015	9039174	Bausch & Lomb Incorporated
MONO ETHYLENIC ALLY UNSATURATED POLYCARBOSILOXANE MONOMERS	United States	Granted	7/9/2009	12/499,853	3/29/2011	7915323	Bausch & Lomb Incorporated
ILLUMINATION DEVICE AND METHOD OF USE FOR OPHTHALMIC SURGERY	United States	Granted	8/26/2010	12/868,777	10/16/2012	8287525	Bausch & Lomb Incorporated
CONTACT LENS	United States	Granted	7/13/2010	12/835,048	6/11/2013	8461226	Bausch & Lomb Incorporated
STERILE HYALURONIC ACID SOLUTIONS	United States	Granted	2/9/2010	12/702,540	10/9/2012	8283463	Bausch & Lomb Incorporated
STERILE HYALURONIC	United States	Granted	8/1/2012	13/564,161	9/10/2013	8530641	Bausch & Lomb Incorporated

Title	Country	Status	Filing Date	Application Number	Issue Date	Patent Number	Owner
C ACID SOLUTIONS							
INTRAOCULAR LENS	United States	Granted	4/1/2010	12/752,466	5/28/2013	8449611	Bausch & Lomb Incorporated
OPHTHALMIC COMPOSITIONS WITH BIGUANIDE AND PEG-GLYCEROL ESTERS	United States	Granted	3/28/2011	13/072,998	8/6/2013	8501200	Bausch & Lomb Incorporated
OPHTHALMIC COMPOSITIONS WITH BIGUANIDE AND PEG-GLYCEROL ESTERS	United States	Granted	5/3/2013	13/886,571	11/18/2014	8889160	Bausch & Lomb Incorporated
METHOD AND SYSTEM OF MEASURING TORIC LENS AXIS ANGLE	United States	Granted	4/28/2010	12/769,015	4/7/2015	8999209	Bausch & Lomb Incorporated
METHOD AND SYSTEM OF MEASURING TORIC LENS AXIS ANGLE	United States	Published	2/25/2015	14/630,700	{6/28/2015}	{20150168251}	Bausch & Lomb Incorporated
PEROXIDE CONTACT LENS CARE SOLUTION	United States	Granted	1/24/2011	13/012,018	1/13/2015	8932646	Bausch & Lomb Incorporated
PEROXIDE CONTACT LENS CARE SOLUTION	United States	Granted	3/15/2013	13/835,237	11/20/2018	10130733	Bausch & Lomb Incorporated
CONTACT LENS CARE SYSTEM WITH PEROXIDE	United States	Granted	7/22/2011	13/189,046	4/21/2015	9011932	Bausch & Lomb Incorporated
PEROXIDE CONTACT LENS CARE SOLUTION	United States	On Appeal	10/11/2018	16/157,209	{2/7/2019}	{20190038795}	Bausch & Lomb Incorporated
PNEUMATIC SURGICAL INSTRUMENT DETECTION SYSTEM	United States	Granted	12/29/2010	12/980,733	3/26/2013	8403917	Bausch & Lomb Incorporated
ERGONOMIC HAND-OPERABLE FLUID-	United States	Granted	2/1/2011	13/018,889	11/17/2015	9186690	Bausch & Lomb Incorporated

Title	Country	Status	Filing Date	Application Number	Issue Date	Patent Number	Owner
DISPENSING DEVICE							
BEPOTASTINE COMPOSITIONS	United States	Granted	5/2/2012	13/462,466	8/11/2020	10736841	Bausch & Lomb Incorporated
SYSTEM AND METHOD FOR PERFORMING LENS FRAGMENTATION	United States	Granted	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	United States	Granted	5/16/2011	13/108,483	9/16/2014	8838212	Bausch & Lomb Incorporated
CONTACT LENSES HAVING HYBRID ORIENTATION FEATURES	United States	Granted	5/25/2012	13/481,041	4/8/2014	8690320	Bausch & Lomb Incorporated
PHARMACEUTICAL COMPOSITIONS COMPRISING MUSHROOM-BASED POLYSACCHARIDES AND USES THEREOF	United States	Granted	5/10/2012	13/468,125	10/14/2014	8859525	Bausch & Lomb Incorporated
BROMFENAC BIOAVAILABILITY	United States	Granted	11/4/2016	15/343,457	10/2/2018	10085958	Bausch & Lomb Incorporated
BROMFENAC BIOAVAILABILITY	United States	Granted	10/11/2012	13/649,271	12/13/2016	9517220	Bausch & Lomb Incorporated
OPHTHALMIC COMPOSITIONS CONTAINING DIGLYCINE	United States	Granted	2/6/2012	13/366,398	3/4/2014	8664180	Bausch & Lomb Incorporated
OPHTHALMIC PHARMACEUTICAL	United States	Granted	1/11/2013	13/739,018	3/8/2016	9278132	Bausch & Lomb Incorporated

Title	Country	Status	Filing Date	Application Number	Issue Date	Patent Number	Owner
COMPOSITIONS AND METHODS OF MAKING AND USING SAME							
SYSTEM AND METHOD FOR CREATING A CUSTOMIZED ANATOMICAL MODEL OF AN EYE	United States	Granted	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	United States	Granted	7/29/2013	13/952,795	4/7/2015	9001316	Bausch & Lomb Incorporated
METHOD OF MAKING A FULLY POLYMERIZED UV BLOCKING SILICONE HYDROGEL LENS	United States	Abandoned	5/25/2012	13/480,651	{11/28/2013}	{20130313733}	Bausch & Lomb Incorporated
FULLY POLYMERIZED UV BLOCKING SILICONE HYDROGEL LENS	United States	Granted	5/25/2012	13/480,648	8/19/2014	8807745	Bausch & Lomb Incorporated
FULLY POLYMERIZED UV BLOCKING SILICONE HYDROGEL LENS	United States	Granted	12/20/2012	13/722,054	7/7/2015	9075187	Bausch & Lomb Incorporated
VIBRATING SURGICAL DEVICE FOR REMOVAL OF VITREOUS	United States	Granted	10/14/2016	15/293,562	4/27/2021	10987246	Bausch & Lomb Incorporated

Title	Country	Status	Filing Date	Application Number	Issue Date	Patent Number	Owner
AND OTHER TISSUE							
VIBRATING SURGICAL DEVICE FOR REMOVAL OF VITREOUS AND OTHER TISSUE	United States	Granted	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	United States	Granted	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	United States	Granted	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	United States	Granted	10/18/2012	13/655,048	1/13/2015	8931900	Bausch & Lomb Incorporated
IRRIGATION SLEEVE AND PHACOEMULSIFICATION NEEDLE WITH SLEEVE RETENTION FEATURES	United States	Granted	10/26/2012	13/661,493	4/17/2018	9943439	Bausch & Lomb Incorporated
OPHTHALMIC MULTIPLE WAVELENGTH LASER ILLUMINATOR WITH A GRAPHICAL USER INTERFACE	United States	Granted	11/6/2013	14/072,859	2/20/2018	9895056	Bausch & Lomb Incorporated

Title	Country	Status	Filing Date	Application Number	Issue Date	Patent Number	Owner
SYSTEM AND METHOD FOR FEMTO-FRAGMENTATION OF A CRYSTALLINE LENS	United States	Granted	3/12/2013	13/795,641	3/14/2017	9592157	Bausch & Lomb Incorporated
SYSTEM AND METHOD FOR FEMTO-FRAGMENTATION OF A CRYSTALLINE LENS	United States	Granted	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	United States	Granted	11/7/2012	13/670,968	7/28/2015	9091864	Bausch & Lomb Incorporated
HINGELESS CARTRIDGE FOR USE WITH AN INTRAOCULAR LENSE INJECTOR PROVIDING HAPTIC CONTROL	United States	Granted	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	United States	Granted	11/8/2013	14/075,845	1/19/2016	9237947	Bausch & Lomb Incorporated
AQUEOUS LIQUID COMPOSITION CONTAINING 2-AMINO-	United States	Published	8/3/2020	16/983,267	{10/19/2020 }	{20200360326 }	Bausch & Lomb Incorporated

Title	Country	Status	Filing Date	Application Number	Issue Date	Patent Number	Owner
3-(4-BROMOBENZOYL)PHENYLACETIC ACID							
METHOD OF PREPARING WATER EXTRACTABLE SILICON-CONTAINING BIOMEDICAL DEVICES	United States	Granted	12/20/2012	13/722,073	3/3/2015	8967799	Bausch & Lomb Incorporated
POLY(NITROGEN/AMINE) DERIVATIVES OF A NATURAL WAX AND OPHTHALMIC COMPOSITIONS	United States	Granted	1/23/2014	14/161,936	3/8/2016	9279095	Bausch & Lomb Incorporated
SYNTHESIS OF FREE RADICAL POLYMERIZABLE ETHYLENICALLY UNSATURATED POLOXAMERS AND POLOXAMINES	United States	Granted	6/18/2014	14/308,229	4/12/2016	9309357	Bausch & Lomb Incorporated
POSTERIOR CAPSULOTOMY USING LASER TECHNIQUES	United States	Granted	12/30/2014	14/412,168	9/18/2018	10076445	Bausch & Lomb Incorporated
POSTERIOR CAPSULOTOMY USING LASER TECHNIQUES	United States	Granted	1/18/2018	15/874,759	10/8/2019	10434011	Bausch & Lomb Incorporated
POSTERIOR CAPSULOTOMY USING LASER TECHNIQUES	United States	Granted	1/18/2018	15/874,773	10/8/2019	10434012	Bausch & Lomb Incorporated
LIGHT ABSORBING	United States	Granted	1/19/2015	14/415,697	2/2/2016	9249249	Bausch & Lomb Incorporated

Title	Country	Status	Filing Date	Application Number	Issue Date	Patent Number	Owner
COMPOUNDS FOR OPTICAL POLYMERS							
OPHTHALMIC COMPOSITIONS WITH ALKOXYLATED NATURAL WAXES	United States	Granted	8/7/2014	14/377,460	6/28/2016	9375401	Bausch & Lomb Incorporated
METHOD AND APPARATUS FOR DELAYING POLYMERIZATION	United States	Granted	9/2/2015	14/772,106	8/16/2022	11414501	Bausch & Lomb Incorporated
MINIMIZING BIOLOGICAL LIPID DEPOSITS ON CONTACT LENSES	United States	Granted	3/12/2015	14/427,928	4/17/2018	9943622	Bausch & Lomb Incorporated
OPHTHALMIC SUSPENSION COMPOSITION	United States	Granted	1/26/2016	15/006,525	3/24/2020	10596107	Bausch & Lomb Incorporated
OPHTHALMIC SUSPENSION COMPOSITION	United States	Allowed	3/23/2020	16/826,366	{7/9/2020}	{20200214977}	Bausch & Lomb Incorporated
ULTRASONIC NEEDLES AND TRANSDUCER ASSEMBLIES FORMED OF NON-METAL MATERIALS OR A COMBINATION OF MATERIALS	United States	Granted	4/20/2015	14/690,791	3/2/2021	10932948	Bausch & Lomb Incorporated
ULTRASONIC NEEDLES AND TRANSDUCER ASSEMBLIES FORMED OF NON-METAL MATERIALS OR A COMBINATION	United States	Published	1/26/2021	17/158,562	{5/20/2021}	{20210145639}	Bausch & Lomb Incorporated

Title	Country	Status	Filing Date	Application Number	Issue Date	Patent Number	Owner
ON OF MATERIALS							
CAST MOLDING TORIC CONTACT LENSES	United States	Granted	4/27/2016	15/139,513	11/20/2018	10133089	Bausch & Lomb Incorporated
METHOD FOR OBTAINING CONTACT LENSES WITH DYNAMICALY CONTROLLED SAGITTA AND CLEARANCE	United States	Granted	5/26/2016	15/165,044	3/24/2020	10598955	Bausch & Lomb Incorporated
METHOD FOR OBTAINING CONTACT LENSES WITH DYNAMICALY CONTROLLED SAGITTA AND CLEARANCE	United States	Granted	3/23/2020	16/826,434	7/19/2022	11391964	Bausch & Lomb Incorporated
PRISM BALLASTED CONTACT LENS	United States	Granted	6/30/2017	15/640,207	4/30/2019	10274751	Bausch & Lomb Incorporated
ULTRASONIC SURGICAL ASPIRATION NEEDLE ASSEMBLY WITH MOLDED HUB	United States	Granted	4/29/2016	15/142,932	Will issue on 11/1/2022	11484441	Bausch & Lomb Incorporated
METHOD AND APPARATUS FOR FORMING A LENS	United States	Granted	9/29/2017	15/720,711	3/29/2022	11285681	Bausch & Lomb Incorporated

Title	Country	Status	Filing Date	Application Number	Issue Date	Patent Number	Owner
INTRAOCULAR LENS INJECTOR ASSEMBLY HAVING SHUTTLE ASSEMBLY RETAINING INTRAOCULAR LENS IN STORAGE VIAL AND OPERABLY PRESENTING INTRAOCULAR LENS IN INJECTOR ASSEMBLY	United States	Granted	9/19/2017	15/708,873	7/28/2020	10722346	Bausch & Lomb Incorporated
METHOD FOR INTRAOCULAR LENS INJECTOR ASSEMBLY HAVING SHUTTLE ASSEMBLY RETAINING INTRAOCULAR LENS IN STORAGE VIAL AND OPERABLY PRESENTING INTRAOCULAR LENS IN INJECTOR ASSEMBLY	United States	Granted	6/26/2020	16/913,255	3/22/2022	11278395	Bausch & Lomb Incorporated
OPHTHALMIC VISCOELASTIC COMPOSITIONS	United States	Published	11/16/2018	16/193,537	{5/23/2019}	{20190151500}	Bausch & Lomb Incorporated
METHOD FOR END-CAPPING A POLYSILOXANE PREPOLYMER	United States	Granted	1/14/2019	16/246,715	12/22/2020	10870731	Bausch & Lomb Incorporated

Title	Country	Status	Filing Date	Application Number	Issue Date	Patent Number	Owner
DISTANCE DOMINANT INTRAOCULAR LENS	United States	Granted	12/26/2018	16/232,725	5/31/2022	11344404	Bausch & Lomb Incorporated
INJECTOR ASSEMBLY EMPLOYING COMPRESSED GAS AND A MECHANICAL BRAKE FOR PRESENTING AN INTRAOCULAR LENS TO A PATIENT	United States	Published	3/26/2019	16/364,968	{10/3/2019}	{20190298512}	Bausch & Lomb Incorporated
OPHTHALMIC DEVICES CONTAINING UV BLOCKER AND METHODS FOR THEIR PREPARATION	United States	Granted	3/22/2019	16/361,947	7/20/2021	11066530	Bausch & Lomb Incorporated
WATER EXTRACTABLE OPHTHALMIC DEVICES	United States	Granted	4/5/2019	16/376,136	5/31/2022	11345773	Bausch & Lomb Incorporated
OPHTHALMIC DEVICE PACKAGING SOLUTIONS COMPRISING A POLOXAMINE/ERYTHRITOL MIXTURE	United States	Granted	5/21/2019	16/418,325	2/22/2022	11253625	Bausch & Lomb Incorporated

Title	Country	Status	Filing Date	Application Number	Issue Date	Patent Number	Owner
WATER EXTRACTABLE OPHTHALMIC DEVICES	United States	Granted	5/17/2019	16/415,281	6/1/2021	11022722	Bausch & Lomb Incorporated
OPHTHALMIC DEVICES	United States	Granted	8/10/2018	16/100,732	6/2/2020	10668676	Bausch & Lomb Incorporated
HIGH WATER CONTENT OPHTHALMIC DEVICES	United States	Granted	8/10/2018	16/100,693	10/27/2020	10816698	Bausch & Lomb Incorporated
NITRIC OXIDE RELEASING PROSTAGLANDIN DERIVATIVES FOR TREATING NORMAL TENSION GLAUCOMA	United States	Granted	4/18/2019	16/343,323	7/13/2021	11058691	Bausch & Lomb Incorporated
PACKAGING SOLUTIONS	United States	Allowed	1/28/2020	16/774,190	{7/30/2020}	{20200239217}	Bausch & Lomb Incorporated
CROSSLINKED POLYMERIC NETWORK AND USE THEREOF	United States	Published	1/10/2020	16/739,547	{7/30/2020}	{20200239601}	Bausch & Lomb Incorporated

Title	Country	Status	Filing Date	Application Number	Issue Date	Patent Number	Owner
GLYCOPHOSPHOLIPID POLYMERIC NETWORK AND USE THEREOF	United States	Published	3/11/2020	16/815,630	{10/29/2020}	{20200339710}	Bausch & Lomb Incorporated
VITREORETINAL TAMPONADES BASED ON FLUOROSILICONE FLUIDS	United States	Granted	9/19/2002	10/247,452	3/9/2004	6703378	Bausch & Lomb Incorporated
EYEWEAR MAGNIFYING LOUPE	United States	Granted	3/20/2003	10/393,634	7/20/2004	6764176	Bausch & Lomb Incorporated
OPHTHALMIC COMPOSITIONS CONTAINING DIGLYCINE	United States	Granted	2/6/2012	13/366,399	12/4/2012	8324171	Bausch & Lomb Incorporated
STERILIZATION OF INTRAOCULAR LENSES	United States	Granted	11/1/2012	13/666,051	6/17/2014	8753389	Bausch & Lomb Incorporated
STERILIZATION OF INTRAOCULAR LENSES	United States	Granted	12/7/2009	12/631,901	12/11/2012	8329097	Bausch & Lomb Incorporated

Title	Country	Status	Filing Date	Application Number	Issue Date	Patent Number	Owner
CONTACT LENS CASE	United States	Granted	3/12/2009	29/333,572	5/25/2010	D616198	Bausch & Lomb Incorporated
HAND HELD MAGNIFIER	United States	Granted	10/31/2012	29/436,021	4/15/2014	D702745	Bausch & Lomb Incorporated
HAND HELD MAGNIFIER	United States	Granted	10/31/2012	29/436,023	4/15/2014	D702746	Bausch & Lomb Incorporated
MAGNIFIER	United States	Granted	8/11/2017	29/613,684	3/22/2022	D946800	Bausch & Lomb Incorporated
OPHTHALMIC DELIVERY DEVICE	United States	Expired	10/3/2001	09/970292	6/24/2003	6582422	Bausch & Lomb Incorporated
ASPIRATION FLOW METER AND CONTROL	United States	Expired	11/30/2001	09/997883	7/29/2003	6599277	Bausch & Lomb Incorporated

Title	Country	Status	Filing Date	Application Number	Issue Date	Patent Number	Owner
COLLECTION RESERVOIR FOR USE WITH FLOW METER CONTROL SYSTEM	United States	Expired	11/30/2001	09/997901	10/21/2003	6634237	Bausch & Lomb Incorporated
OPHTHALMIC ARTICLE INSPECTION SYSTEM	United States	Expired	11/30/2001	09/998492	9/7/2004	6788399	Bausch & Lomb Incorporated
HIGH REFRACTIVE INDEX POLYMERIC SILOXYSILANE COMPOSITIONS	United States	Expired	11/2/2001	10/000136	6/21/2005	6908978	Bausch & Lomb Incorporated
HIGH REFRACTIVE INDEX AROMATIC-BASED SILOXANE MONOFUNCTIONAL MACROMONOMERS	United States	Expired	11/2/2001	10/000137	5/4/2004	6730767	Bausch & Lomb Incorporated
HIGH REFRACTIVE INDEX POLYMERIC SILOXYSILANE COMPOSITIONS	United States	Expired	11/2/2001	10/003635	1/30/2007	7169874	Bausch & Lomb Incorporated
HIGH REFRACTIVE INDEX AROMATIC-BASED SILOXANE DIFUNCTIONAL MACROMONOMERS	United States	Expired	11/2/2001	10/004146	4/20/2004	6723816	Bausch & Lomb Incorporated

Title	Country	Status	Filing Date	Application Number	Issue Date	Patent Number	Owner
POLY(2-OXAZOLINE) BIOMEDICAL DEVICES	United States	Expired	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	United States	Expired	12/11/2001	10/013573	5/25/2004	6739721	Bausch & Lomb Incorporated
ABERROMETER CALIBRATION	United States	Expired	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	United States	Expired	12/19/2001	10/025424	2/10/2004	6689975	Bausch & Lomb Incorporated
FOOT CONTROLLER WITH OPHTHALMIC SURGERY INTERLOCK CIRCUIT AND METHOD	United States	Expired	10/025801	12/19/2001	10/28/2003	6639332	Bausch & Lomb Incorporated

Title	Country	Status	Filing Date	Application Number	Issue Date	Patent Number	Owner
ABERROMETER ILLUMINATION APPARATUS AND METHOD	United States	Expired	12/21/2001	10/025801	5/18/2004	6736509	Bausch & Lomb Incorporated
IRIS RECOGNITION AND TRACKING FOR OPTICAL TREATMENT	United States	Expired	2/20/2003	10/110892	12/12/2006	7146983	Bausch & Lomb Incorporated
WAVEFRONT SENSOR HAVING MULTI-POWER BEAM MODES, INDEPENDENT ADJUSTMENT CAMERA, AND ACCOMMODATION RANGE MEASUREMENT	United States	Expired	3/13/2003	10/110929	5/2/2006	7036934	Bausch & Lomb Incorporated
IMAGE REGISTRATION SYSTEM AND METHOD	United States	Granted	12/19/2002	10/325791	12/2/2003	6658282	Bausch & Lomb Incorporated
WAVEFRONT SENSOR HAVING MULTI-POWER BEAM MODES, INDEPENDENT ADJUSTMENT CAMERA, AND ACCOMMODATION RANGE MEASUREMENT	United States	Expired	3/6/2006	11/369105	12/1/2009	7625089	Bausch & Lomb Incorporated

Title	Country	Status	Filing Date	Application Number	Issue Date	Patent Number	Owner
IRIS RECOGNITION AND TRACKING FOR OPTICAL TREATMENT	United States	Granted	11/9/2006	11/595386	10/15/2013	8556885	Bausch & Lomb Incorporated
COMPOSITIONS AND METHODS FOR TREATING, REDUCING, AMELIORATING, OR PREVENTING INFECTIONS	United States	Granted	5/8/2012	12/115,914	5/6/2008	8173640	Bausch & Lomb Incorporated

Reel/Frame: 052589/0884 - 5/6/2020 Security Interest - The Bank of New York Mellon

Title	Country	Status	Filing Date	Application Number	Issue Date	Patent Number	Owner
OPHTHALMIC SUSPENSION COMPOSITION	United States	Allowed	3/23/2020	16/826,366	{7/9/2020}	{20200214977}	Bausch & Lomb Incorporated
METHOD FOR OBTAINING CONTACT LENSES WITH DYNAMICALLY CONTROLLED SAGITTA AND CLEARANCE	United States	Granted	3/23/2020	16/826,434	7/19/2022	11391964	Bausch & Lomb Incorporated
OPHTHALMIC DEVICE PACKAGING SOLUTIONS COMPRISING A POLOXAMINE/ERYTHRITOL MIXTURE	United States	Granted	5/21/2019	16/418,325	2/22/2022	11253625	Bausch & Lomb Incorporated
PACKAGING SOLUTIONS	United States	Allowed	1/28/2020	16/774,190	{7/30/2020}	{20200239217}	Bausch & Lomb Incorporated

CROSSLINKED POLYMERIC NETWORK AND USE THEREOF	United States	Published	1/10/2020	16/739,547	{7/30/2020}	{20200239601}	Bausch & Lomb Incorporated
GLYCOPHOSPHOLIPID POLYMERIC NETWORK AND USE THEREOF	United States	Published	3/11/2020	16/815,630	{10/29/2020}	{20200339710}	Bausch & Lomb Incorporated

Reel/Frame: 048715/0432 - 3/27/2019 Intellectual Property Security Agreement - The Bank of New York Mellon

Title	Country	Status	Filing Date	Application Number	Issue Date	Patent Number	Owner
PEROXIDE CONTACT LENS CARE SOLUTION	United States	On Appeal	10/11/2018	16/157,209	{2/7/2019}	{20190038795}	Bausch & Lomb Incorporated
OPHTHALMIC VISCOELASTIC COMPOSITIONS	United States	Published	11/16/2018	16/193,537	{5/23/2019}	{20190151500}	Bausch & Lomb Incorporated
METHOD FOR END-CAPPING A POLYSILOXANE PREPOLYMER	United States	Granted	1/14/2019	16/246,715	12/22/2020	10870731	Bausch & Lomb Incorporated
DISTANCE DOMINANT INTRAOCULAR LENS	United States	Granted	12/26/2018	16/232,725	5/31/2022	11344404	Bausch & Lomb Incorporated
OPHTHALMIC DEVICES	United States	Granted	8/10/2018	16/100,732	6/2/2020	10668676	Bausch & Lomb Incorporated

Reel/Frame: 054984/0345 - 1/21/2021 Security Interest - The Bank of New York Mellon

Title	Country	Status	Filing Date	Application Number	Issue Date	Patent Number	Owner
AQUEOUS LIQUID COMPOSITION CONTAINING 2-AMINO-3-(4-BROMOBENZOYL)PHEN	United States	Published	8/3/2020	16/983,267	{10/19/2020}	{20200360326}	Bausch & Lomb Incorporated

YLACETIC ACID							
METHOD FOR INTRAOCULAR LENS INJECTOR ASSEMBLY HAVING SHUTTLE ASSEMBLY RETAINING INTRAOCULAR LENS IN STORAGE VIAL AND OPERABLY PRESENTING INTRAOCULAR LENS IN INJECTOR ASSEMBLY	United States	Granted	6/26/2020	16/913,255	3/22/2022	11278395	Bausch & Lomb Incorporated

Reel/Frame: 046616/0301 - 8/9/2018 Security Interest - The Bank of New York Mellon

Title	Country	Status	Filing Date	Application Number	Issue Date	Patent Number	Owner
POSTERIOR CAPSULOTOMY USING LASER TECHNIQUES	United States	Granted	1/18/2018	15/874,759	10/8/2019	10434011	Bausch & Lomb Incorporated
POSTERIOR CAPSULOTOMY USING LASER TECHNIQUES	United States	Granted	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	United States	Granted	9/19/2017	15/708,873	7/28/2020	10722346	Bausch & Lomb Incorporated
MAGNIFIER	United States	Granted	8/11/2017	29/613,684	3/22/2022	D946800	Bausch & Lomb Incorporated

Reel/Frame: 050892/0318 - 11/1/2019 Security Interest - The Bank of New York Mellon

Title	Country	Status	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	United States	Published	3/26/2019	16/364,968	{10/3/2019}	{20190298512}	Bausch & Lomb Incorporated

Reel/Frame: 056603/0227 - 6/21/2021 Security Interest - The Bank of New York Mellon

Title	Country	Status	Filing Date	Application Number	Issue Date	Patent Number	Owner
OPHTHALMIC DEVICES CONTAINING UV BLOCKER AND METHODS FOR THEIR PREPARATION	United States	Granted	3/22/2019	16/361,947	7/20/2021	11066530	Bausch & Lomb Incorporated
WATER EXTRACTABLE OPHTHALMIC DEVICES	United States	Granted	4/5/2019	16/376,136	5/31/2022	11345773	Bausch & Lomb Incorporated

Reel/Frame: 055756/0298 - 3/29/2021 Security Interest - The Bank of New York Mellon

Title	Country	Status	Filing Date	Application Number	Issue Date	Patent Number	Owner
WATER EXTRACTABLE OPHTHALMIC DEVICES	United States	Granted	5/17/2019	16/415,281	6/1/2021	11022722	Bausch & Lomb Incorporated
DIRECT COMPRESSION	United States	Published	11/24/2020	17/103,298	{6/3/2021}	{20210162692}	Bausch + Lomb Ireland Limited

MOLDED OPTHALMIC DEVICES							
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Reel/Frame: 056304/0581 - 5/20/2021 Security Interest - The Bank of New York Mellon

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

Reel/Frame: 049672/0652 - 7/1/2019 Intellectual Property Security Agreement - The Bank of New York Mellon

Title	Country	Status	Filing Date	Application Number	Issue Date	Patent Number	Owner
ACCUGLIDE	United States	Granted	7/3/1997	75319255	12/1/1998	2207687	Technolas Perfect Vision GMBH
HANSATOM E	United States	Granted	4/25/1997	75281461	11/30/1999	2296477	Technolas Perfect Vision GMBH
ORBSCAN DESIGN	United States	Granted	4/29/1996	75095856	4/8/1997	2050811	Technolas Perfect Vision GMBH
TECHNO LAS	United States	Granted	9/21/1994	74576406	9/12/1995	1917789	Technolas Perfect Vision GMBH
ZYOPTIX	United States	Granted	1/29/2004	78359171	2/8/2005	2925266	Technolas Perfect Vision GMBH
ZYWAVE	United States	Granted	5/12/2000	76047357	1/14/2003	2675430	Technolas Perfect Vision GMBH
NUTRITIONAL SUPPLEMENT TO TREAT	United States	Granted	1/13/2005	11/034,656	12/10/2013	8603522	Bausch & Lomb Incorporated

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Reel/Frame: 043046/0030 – 7/17/0217 Security Interest – The Bank of New York Mellon

Title	Country	Status	Filing Date	Application Number	Issue Date	Patent Number	Owner
COMPOSITIONS AND METHODS FOR THE INDUCTION OF RETINAL DETACHMENTS	United States	Granted	5/31/2002	10/160,135	11/28/2006	7141610	Bausch & Lomb Incorporated
OPHTHALMIC FORMULATIONS AND USES THEREOF	United States	Granted	6/7/2005	11/146,652	2/12/2013	8372814	Bausch & Lomb Incorporated
OPHTHALMIC FORMULATIONS AND USES THEREOF	United States	Granted	2/9/2012	13/369,452	6/10/2014	8748402	Bausch & Lomb Incorporated
BEPOSTASTINE COMPOSITIONS	United States	Granted	5/2/2012	13/462,466	8/11/2020	10736841	Bausch & Lomb Incorporated
BROMFENAC BIOAVAILABILITY	United States	Granted	11/4/2016	15/343,457	10/2/2018	10085958	Bausch & Lomb Incorporated
BROMFENAC BIOAVAILABILITY	United States	Granted	10/11/2012	13/649,271	12/13/2016	9517220	Bausch & Lomb Incorporated

Reel/Frame: 043045/0891 – 7/17/2017 – Security Interest – Alden Optical Laboratories, Inc. and the Bank of New York Mellon

Title	Country	Status	Filing Date	Application Number	Issue Date	Patent Number	Owner
METHOD FOR OBTAINING CONTACT LENSES WITH DYNAMICALLY CONTROLLED SAGITTA AND CLEARANCE	United States	Granted	5/26/2016	15/165,044	3/24/2020	10598955	Bausch & Lomb Incorporated

Title	Country	Status	Filing Date	Application Number	Issue Date	Patent Number	Owner
ULTRASONIC NEEDLES AND TRANSDUCER ASSEMBLIES FORMED OF NON-METAL MATERIALS OR A COMBINATION OF MATERIALS	United States	Pending	26-Jan-2021	17/158,562			Bausch & Lomb Incorporated
DIRECT COMPRESSION MOLDED OPHTHALMIC DEVICES	United States	Pending	24-Nov-2020	17/103,298			Bausch + Lomb Ireland Limited
MULTIDOSAGE PACKAGE, COURSE AND METHOD OF TREATMENT FOR DELIVERING PREDETERMINED MULTIPLE DOSES OF A PHARMACEUTICAL	United States	Granted	20-Feb-2019	16/280,600	8/3/2021	11077102	Bausch + Lomb Ireland Limited
COMPOSITIONS AND METHODS FOR TREATING DISEASES OF THE NAIL	United States	Granted	12-Sep-2018	16128835	11/10/2020	10828369	Bausch + Lomb Ireland Limited
AGONISTS OF GUANYLATE CYCLASE AND THEIR USES	United States	Granted	6-Dec-2016	15/381,6801	7/9/2019	10342848	Bausch + Lomb Ireland Limited
COMPOSITIONS USEFUL FOR THE TREATMENT OF GASTROINTESTINAL DISORDERS	United States	Granted	22-Sep-2016	15/272,873	3/26/2019	10238712	Bausch + Lomb Ireland Limited

Title	Country	Status	Filing Date	Application Number	Issue Date	Patent Number	Owner
FORMULATIONS OF GUANYLATE CYCLASE C AGONISTS AND METHODS OF USE	United States	Pending	19-Mar-2021	17/207,222			Bausch + Lomb Ireland Limited
PACKAGING SOLUTIONS	United States	Pending	10-Aug-2021	17/398,556			Bausch + Lomb Ireland Limited