

TRADEMARK ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

ETAS ID: TM547292

SUBMISSION TYPE:	NEW ASSIGNMENT		
NATURE OF CONVEYANCE:	SECURITY INTEREST		
CONVEYING PARTY DATA			
Name	Formerly	Execution Date	Entity Type
Biolase, Inc.		10/28/2019	Corporation: DELAWARE
RECEIVING PARTY DATA			
Name:	Pacific Mercantile Bank		
Street Address:	949 South Coast Drive		
Internal Address:	3rd Floor		
City:	Costa Mesa		
State/Country:	CALIFORNIA		
Postal Code:	92626		
Entity Type:	Corporation: CALIFORNIA		
PROPERTY NUMBERS Total: 19			
Property Type	Number	Word Mark	
Serial Number:	88105359	BIOLASE ADVANCING DENTISTRY	
Registration Number:	5765786	BIOLASE ADVANCING DENTISTRY	
Serial Number:	88105217	WATERLASE LASER DENTISTRY	
Serial Number:	88105219	WATERLASE LASER DENTISTRY	
Registration Number:	3595452	COMFORTPULSE	
Registration Number:	3587923	WATERLASE MD	
Registration Number:	5292447	WATERLASE EXPRESS	
Registration Number:	5292538	EPIC PRO	
Registration Number:	3513413	ZIPTIP	
Registration Number:	2535143	BIOLASE	
Registration Number:	3822549	WATERLASE DENTISTRY	
Registration Number:	3454749	EZLASE	
Registration Number:	4448330	EPIC	
Registration Number:	3489443	EZLASE	
Registration Number:	4081050	IPLUS	
Registration Number:	4099882	I-LASE	
Registration Number:	2660361	WATERLASE	
Registration Number:	3711090	WORLD CLINICAL LASER INSTITUTE	

OP \$490.00 88105359

Property Type	Number	Word Mark
Registration Number:	3768531	WCLI

CORRESPONDENCE DATA

Fax Number: 8004947512
Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.
Phone: 202.370.4750
Email: ipteam@cogencyglobal.com
Correspondent Name: Joanna McCall
Address Line 1: 1025 Vermont Ave NW, Suite 1130
Address Line 2: COGENCY GLOBAL INC.
Address Line 4: Washington, D.C. 20005

ATTORNEY DOCKET NUMBER:	1147037
NAME OF SUBMITTER:	Robin Dunn
SIGNATURE:	/Robin Dunn/
DATE SIGNED:	10/30/2019

Total Attachments: 20
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INTELLECTUAL PROPERTY SECURITY AGREEMENT

This Intellectual Property Security Agreement is entered into as of **October 28, 2019** by and between **PACIFIC MERCANTILE BANK** ("Lender") and **BIOLASE, INC.**, a Delaware corporation ("Grantor"), with reference to the following facts:

A. Lender and Grantor are parties to that certain Loan and Security Agreement dated October 28, 2019 (as amended from time to time, the "Loan Agreement"). (Capitalized terms used herein have the meaning assigned in the Loan Agreement.)

B. Pursuant to the Loan Agreement, Grantor has granted to Lender a security interest in all of the Collateral. The Collateral includes without limitation all Intellectual Property (including without limitation the Intellectual Property described herein).

Grantor agrees as follows:

1. To secure performance of all of its "Obligations" as defined in the Loan Agreement, Grantor grants to Lender a security interest in all of Grantor's right, title and interest in Grantor's Intellectual Property, including without limitation (i) the trademarks and servicemarks listed on Schedule A hereto, whether registered or not, and all applications to register and registrations of the same and like protections, and the entire goodwill of the business of Borrower connected with and symbolized by such trademarks, and (ii) the patents and patent applications listed on Schedule B hereto and all like protections including, without limitation, all improvements, divisions, continuations, renewals, reissues, extensions and continuations-in-part of the same, and (iii) all copyrights, maskworks, software, computer programs and other works of authorship, including without limitation those registered with the United States Copyright Office and listed on Schedule C hereto, and all extensions and renewals thereof, and (iv) all rights to recover for all present or future infringement of any of the foregoing, and (v) all right, title and interest in and to any and all present and future license agreements with respect to any of the foregoing, and (vi) all present and future accounts, accounts receivable and other rights to payment arising from, in connection with or relating to any of the foregoing.

2. Grantor represents and warrants that (i) listed on Schedule A hereto are all trademark registrations and pending registrations owned or controlled by Grantor or licensed to Grantor, (ii) listed on Schedule B are all patents and patent applications owned or controlled by Grantor or licensed to Grantor, and (iii) listed on Schedule C are all copyrights, software, computer programs, mask works, and other works of authorship owned or controlled by Grantor which are registered with the United States Copyright Office.

3. Grantor shall not, hereafter, register any maskworks, software, computer programs or other works of authorship subject to United States copyright protection with the United States Copyright Office without first complying with the following: (i) providing Secured Party with at least 15 days prior written notice thereof, (ii) providing Secured Party with a copy of the application for any such registration and (iii) executing and filing such other instruments, and taking such further actions as Secured Party may reasonably request from time to time to perfect or continue the perfection of Secured Party's interest in the Collateral, including without limitation the filing with the United States Copyright Office, simultaneously with the filing by Grantor of the application for any such registration, of a copy of this Agreement or a Supplement hereto in form acceptable to Secured Party identifying the

maskworks, software, computer programs or other works of authorship being registered and confirming the grant of a security interest therein in favor of Secured Party.

4. This Agreement is being executed and delivered pursuant to the Loan Agreement; nothing herein limits any of the terms or provisions of the Loan Agreement, and Lender's rights hereunder and under the Loan Agreement are cumulative. This Agreement, the Loan Agreement and the other Loan Documents set forth in full all of the representations and agreements of the parties with respect to the subject matter hereof and supersede all prior discussions, oral representations, oral agreements and oral understandings between the parties. This Agreement may not be modified or amended, nor may any rights hereunder be waived, except in a writing signed by the parties hereto. In the event of any litigation between the parties based upon, arising out of, or in any way relating to this Agreement, the prevailing party shall be entitled to recover all of his costs and expenses (including without limitation attorneys' fees) from the non-prevailing party. This Agreement and all acts, transactions, disputes and controversies arising hereunder or relating hereto, and all rights and obligations of Lender and Grantor shall be governed by, and construed in accordance with the internal laws (and not the conflict of laws rules) of the State of California. This Agreement will terminate upon the payment of the Obligations to Lender under the Loan Agreement in accordance with Section 6.3 thereof.

[signatures on next page]

Address of Grantor:

4 Cromwell
Irvine, CA 92618

Grantor:

Biolase, Inc.

By John R. Beaver
Title EVF + CFO

Address of Lender:

949 South Coast Drive, 3rd Floor
Costa Mesa, CA 92626

Lender:

Pacific Mercantile Bank

By _____
Title _____

[Signature Page—Intellectual Property Security Agreement]

Address of Grantor:

4 Cromwell
Irvine, CA 92618

Grantor:

Biolase, Inc.

By _____

Title _____

Address of Lender:

949 South Coast Drive, 3rd Floor
Costa Mesa, CA 92626

Lender:

Pacific Mercantile Bank

By Mik Valencia

Title V.P. R.M.

[Signature Page—Intellectual Property Security Agreement]

TRADEMARK

REEL: 006783 FRAME: 0164

SCHEDULE A

Trademarks

<u>Mark</u>	<u>App No/App Date</u>	<u>Reg No/Reg Date</u>	<u>Current Owner</u>
Biolase Advancing Dentistry	88/105,359 2018-09-05		Biolase, Inc.
Biolase Advancing Dentistry	88/105,357 2018-09-05	5765786 2019-05-28	Biolase, Inc.
Waterlase Laser Dentistry	88/105,217 2018-09-05		Biolase, Inc.
Waterlase Laser Dentistry	88/105,219 2018-09-05		Biolase, Inc.
Comfortpulse	77/152,392 2007-04-09	3,595,452 2009-03-24	Biolase, Inc.
Waterlase Md	77/185,280 2007-05-18	3,587,923 2009-03-10	Biolase, Inc.
Waterlase Express	87/103,870 2016-07-14	5,292,447 2017-09-19	Biolase, Inc.
Epic Pro	87/124,429 2016-08-02	5,292,538 2017-09-19	Biolase, Inc.
Ziptip	77/185,283 2007-05-18	3,513,413 2008-10-07	Biolase, Inc.
Biolase	75/225,134 1997-01-13	2,535,143 2002-02-05	Biolase, Inc.
Waterlase Dentistry	77/570,444 2008-09-15	3,822,549 2010-07-20	Biolase, Inc.
Ezlase	77/115,378 2007-02-23	3,454,749 2008-06-24	Biolase, Inc.
Epic	85/515,251 2012-01-12	4,448,330 2013-12-10	Biolase, Inc.
Ezlase	77/115,446 2007-02-24	3,489,443 2008-08-19	Biolase, Inc.
Iplus	85/140,216 2010-09-28	4,081,050 2012-01-03	Biolase, Inc.
I-Lase	85/140,266 2010-09-28	4,099,882 2012-02-14	Biolase, Inc.
Waterlase	76/136,329 2000-09-26	2,660,361 2002-12-10	Biolase, Inc.
World Clinical Laser Institute	77/567,196 2008-09-10	3,711,090 2009-11-17	Biolase, Inc.
Wcli	77/567,208	3,768,531	Biolase, Inc.

	2008-09-10	2010-03-30	
Wcli	77567208 2008-09-10	3768531 2010-03-30	Biolase, Inc.
Ezlase	77115378 2007-02-23	3454749 2008-06-24	Biolase, Inc.

SCHEDULE B

Patents and Patent Applications

Title	App No./ App Date	Reg No./ Reg Date	Current Owner
FRACTIONAL HANDPIECE SYSTEM	PCT/US18/48163 08/27/2018		Biolase, Inc.
DENTAL SYSTEM AND METHOD	PCT/US17/68009 12/21/2017		Biolase, Inc.
DENTAL SYSTEM AND METHOD	PCT/US17/55413 10/05/2017		Biolase, Inc.
LASER CONTROL GUI SYSTEM AND METHOD	PCT/US17/54101 09/28/2017		Biolase, Inc.
DENTAL LASER SYSTEM AND METHOD	PCT/US17/43053 07/20/2017		Biolase, Inc.
FRACTIONAL HANDPIECE SYSTEM	16/113,803 08/27/2018		Biolase, Inc.
DISPLAY SCREEN INCLUDING A DENTAL LASER GRAPHICAL USER INTERFACE	29/658,791 08/02/2018		Biolase, Inc.
SURGICAL LASER CUTTING DEVICE	15/968,530 05/01/2018	10,321,957 06/18/109	Biolase, Inc.

Title	App No./ App Date	Reg No./ Reg Date	Current Owner
LASER SYSTEMS, WITH A FIBER STORAGE AND DISPENSING UNIT, USEFUL IN MEDICINE AND DENTISTRY	95/002,271 09/14/2012		Biolase Technology, Inc.
DENTAL LASER INTERFACE SYSTEM AND METHOD	14/666,287 03/23/2015	9,864,485 01/09/2018	Biolase, Inc.
EYELID TREATMENT DEVICE	13/837,983 03/15/2013	10,039,932 08/07/2018	Biolase, Inc.
SYSTEMS AND METHODS FOR DISRUPTION OF AN EYE LENS	13/633,505 10/02/2012	9,060,845 06/23/2015	Biolase, Inc.
SURGICAL LASER CUTTING DEVICE	13/633,967 10/03/2012	9,956,039 05/01/2018	Biolase, Inc.
HIGH POWER RADIATION SOURCE WITH ACTIVE- MEDIA HOUSING	12/912,680 10/26/2010	8,588,268 11/19/2013	Biolase, Inc.
CONTRA-ANGLE ROTATING HANDPIECE HAVING TACTILE-FEEDBACK TIP FERRULE	11/904,677 09/27/2007	7,461,982 12/09/2008	Biolase Technology, Inc.
TISSUE REMOVER AND METHOD	09/714,479 11/15/2000	6,669,685 12/30/2003	Biolase, Inc.
TARGET-CLOSE ELECTROMAGNETIC ENERGY EMITTING DEVICE	11/800,435 05/03/2007	7,815,630 10/19/2010	Biolase, Inc.
MODIFIED-OUTPUT FIBER OPTIC TIPS	12/202,373 09/01/2008	7,702,196 04/20/2010	Biolase Technology, Inc.
TARGET-CLOSE ELECTROMAGNETIC ENERGY EMITTING DEVICE	12/907,827 10/19/2010	8,419,719 04/16/2013	Biolase, Inc.

Title	App. No./ App. Date	Reg. No./	Current Owner
ELECTROMAGNETIC ENERGY OUTPUT SYSTEM	11/800,434 05/03/2007	7,695,469 04/13/2010	Biolase, Inc.
MODIFIED-OUTPUT FIBER OPTIC TIPS	11/800,184 05/03/2007	7,421,186 09/02/2008	Biolase Technology, Inc.
ELECTROMAGNETIC ENERGY OUTPUT SYSTEM	11/698,345 01/25/2007	9,101,377 08/11/2015	Biolase, Inc.
METHODS FOR TREATING EYE CONDITIONS	11/975,168 10/17/2007	7,967,017 06/28/2011	Biolase, Inc.
METHODS FOR TREATING EYE CONDITIONS	11/413,590 04/26/2006	7,665,467 02/23/2010	Biolase, Inc.
METHODS FOR TREATING EYE CONDITIONS	13/069,257 03/22/2011	8,276,593 10/02/2012	Biolase, Inc.
METHODS FOR TREATING EYE CONDITIONS	13/169,357 06/27/2011	8,448,645 05/28/2013	Biolase Inc.
METHODS FOR TREATING EYE CONDITIONS	11/973,056 10/04/2007	7,461,658 12/09/2008	Biolase Technology, Inc.
METHODS FOR TREATING EYE CONDITIONS	11/906,889 10/04/2007	7,909,040 03/22/2011	Biolase, Inc.
METHODS FOR TREATING EYE CONDITIONS	13/009,266 01/19/2011	8,602,033 12/10/2013	Biolase, Inc.
METHODS FOR TREATING EYE CONDITIONS	11/978,836 10/29/2007	7,891,363 02/22/2011	Biolase, Inc.

Title	App. No./ App. Date	Reg. No./ Reg. Date	Current Owner
METHODS FOR TREATING HYPEROPIA AND PRESBYOPIA VIA LASER TUNNELING	12/975,202 12/21/2010	8,366,702 02/05/2013	Biolase, Inc.
METHODS FOR TREATING HYPEROPIA AND PRESBYOPIA VIA LASER TUNNELING	11/410,564 04/24/2006	7,878,204 02/01/2011	Biolase, Inc.
DUAL PULSE-WIDTH MEDICAL LASER	11/191,594 07/27/2005	7,630,420 12/08/2009	Biolase, Inc.
CARIES DETECTION USING TIMING DIFFERENTIALS BETWEEN EXCITATION AND RETURN PULSES	11/203,399 08/12/2005	7,303,397 12/04/2007	Biolase, Inc.
FIBER TIP DETECTOR APPARATUS AND RELATED METHODS	11/181,373 07/13/2005	7,290,940 11/06/2007	Biolase Technology, Inc.
FIBER TIP DETECTOR APPARATUS AND RELATED METHODS	11/904,801 09/27/2007	7,575,381 08/18/2009	Biolase Technology, Inc.
TAPERED FUSED WAVEGUIDE FOR DELIVERING TREATMENT ELECTROMAGNETIC RADIATION TOWARD A TARGET SURFACED	10/705,744 11/10/2003	7,384,419 06/10/2008	Biolase Technology, Inc.
PROBES AND BIOFLUIDS FOR TREATING AND REMOVING DEPOSITS FROM TISSUE SURFACES	12/234,593 09/19/2008	8,221,117 07/17/2012	Biolase, Inc.
DENTAL LASER GUI	29/571,690 07/20/2016	D824,935 08/08/2018	Biolase, Inc.
DENTAL CART SYSTEM	29/571,686 07/20/2016	D812231 03/06/2018	Biolase, Inc.

Title	App. No./ App. Date	Reg. No./	Current Owner
ELECTROMAGNETIC ENERGY DISTRIBUTIONS FOR ELECTROMAGNETICALLY INDUCED MECHANICAL CUTTING	12/907,845 10/19/2010	7,970,027 06/28/2011	Biolase Technology, Inc.
ELECTROMAGNETIC ENERGY DISTRIBUTIONS FOR ELECTROMAGNETICALLY INDUCED MECHANICAL CUTTING	11/523,492 09/18/2006	7,696,466 04/13/2010	Biolase Technology, Inc.
ELECTROMAGNETIC ENERGY DISTRIBUTIONS FOR ELECTROMAGNETICALLY INDUCED MECHANICAL CUTTING	10/993,498 11/18/2004	7,108,693 09/19/2006	Biolase Technology, Inc.
ELECTROMAGNETIC ENERGY DISTRIBUTIONS FOR ELECTROMAGNETICALLY INDUCED MECHANICAL CUTTING	11/606,660 11/29/2006	7,415,050 08/19/2008	Biolase Technology, Inc.
TISSUE TREATMENT DEVICE AND METHOD	11/447,605 06/05/2006	7,751,895 07/06/2010	Biolase Technology, Inc.
RADIATION EMITTING APPARATUS WITH SPATIALLY CONTROLLABLE OUTPUT ENERGY DISTRIBUTIONS	11/074,452 03/08/2005	7,270,657 09/18/2007	Biolase Technology, Inc.
RADIATION EMITTING APPARATUS WITH SPATIALLY CONTROLLABLE OUTPUT ENERGY DISTRIBUTIONS	10/229,374 08/26/2002	6,942,658 09/13/2005	Biolase Technology, Inc.
HANDPIECE FINGER SWITCH FOR ACTUATION OF HANDHELD MEDICAL INSTRUMENTATION	12/985,959 01/06/2011	8,525,059 09/03/2013	Biolase, Inc.

Title	App. No./	Reg. No./ Reg. Date	Current Owner
HANDPIECE FINGER SWITCH FOR ACTUATION OF HANDHELD MEDICAL INSTRUMENTATION	13/956,989 08/01/2013	8,653,392 02/18/2014	Biolase, Inc.
FIBER DETECTOR APPARATUS AND RELATED METHODS	10/029,586 10/24/2001	6,829,427 12/07/2004	Biolase Technology, Inc.
FIBER DETECTOR APPARATUS AND RELATED METHODS	11/715,218 03/06/2007	7,356,208 04/08/2008	Biolase Technology, Inc.
DEVICE FOR DENTAL CARE AND WHITENING	10/624,847 07/22/2003	7,144,249 12/05/2006	Biolase Technology, Inc.
SATELLITE-PLATFORMED ELECTROMAGNETIC ENERGY TREATMENT DEVICE	12/579,890 10/15/2009	8,764,739 07/01/2014	Biolase, Inc.
METHODS AND DEVICES FOR TREATING PRESBYOPIA	12/540,579 08/13/2009	8,479,745 07/09/2013	Biolase, Inc.
DISPOSABLE LASER HANDPIECE	29/418,426 04/16/2012	D701,971 04/01/2014	Biolase, Inc.
METHODS FOR TREATING EYE CONDITIONS WITH LOW-LEVEL LIGHT THERAPY	12/204,638 09/04/2008	8,544,473 10/01/2013	Biolase, Inc.
ELECTROMAGNETIC ENERGY OUTPUT SYSTEM	12/632,774 12/07/2009	8,152,797 04/10/20	Biolase, Inc.
ELECTROMAGNETIC RADIATION EMITTING TOOTHBRUSH AND DENTIFRICE SYSTEM	11/438,091 05/18/2006	7,467,946 12/23/2008	Biolase, Inc.
ELECTROMAGNETIC RADIATION EMITTING TOOTHBRUSH AND DENTIFRICE SYSTEM	12/264,081 11/03/2008	7,942,667 05/17/2011	Biolase, Inc.

Title	App. No./ App. Date	Reg. No./	Current Owner
METHODS FOR TREATING EYE CONDITIONS	12/264,135 11/03/2008	8,056,564 11/15/2011	Biolase Technology, Inc.
METHODS FOR TREATING EYE CONDITIONS	11/980,886 10/30/2007	7,458,380 12/02/2008	Biolase Technology, Inc.
METHODS FOR TREATING EYE CONDITIONS	12/264,112 11/03/2008	7,997,279 08/16/2011	Biolase Technology, Inc.
APPARATUS FOR TREATING HYPEROPIA AND PRESBYOPIA VIA LASER TUNNELING	13/757,169 02/01/2013	8,603,079 12/10/2013	Biolase, Inc.
METHODS FOR TREATING HYPEROPIA AND PRESBYOPIA VIA LASER TUNNELING	11/980,887 10/30/2007	8,256,431 09/04/2012	Biolase, Inc.
METHODS FOR TREATING HYPEROPIA AND PRESBYOPIA VIA LASER TUNNELING	11/980,889 10/30/2007	7,867,223 01/11/2011	Biolase Technology, Inc.
DUAL PULSE-WIDTH MEDICAL LASER WITH PRESETS	12/368,266 02/09/2009	7,970,030 06/28/2011	Biolase, Inc.
DUAL PULSE-WIDTH MEDICAL LASER	12/028,817 02/10/2008	7,957,440 06/07/2011	Biolase, Inc.
HANDPIECES HAVING ILLUMINATION AND LASER OUTPUTS	11/033,031 01/10/2005	7,563,226 07/21/2009	Biolase Technology, Inc.
TAPERED FUSED WAVEGUIDE FOR TEETH WHITENING	13/209,339 08/12/2011	8,439,904 05/14/2013	Biolase Technology, Inc.
MEDICAL RADIATION DEVICE WITH A TAPERED FUSED WAVEGUIDE	12/122,689 05/17/2008	7,998,136 08/16/2011	Biolase Technology, Inc.

Title	App. No./ App. Date	Reg. No./	Current Owner
FLUID CONTROLLABLE LASER ENDODONTIC CLEANING AND DISINFECTING SYSTEM	12/142,656 06/19/2008	8,002,544 08/23/2011	Biolase, Inc.
DENTAL CART SYSTEM	29/571,689 07/20/2016	D813,391 03/20/201	Biolase, Inc.
ELECTROMAGNETIC ENERGY DISTRIBUTIONS FOR ELECTROMAGNETICALLY INDUCED MECHANICAL CUTTING	12/190,797 08/13/2008	7,817,687 10/19/2010	Biolase Technology, Inc.
ROTATING HANDPIECE	09/469,571 12/22/1999	6,389,193 05/14/2002	Biolase, Inc.
RADIATION EMITTING APPARATUS WITH SPATIALLY CONTROLLABLE OUTPUT ENERGY DISTRIBUTIONS	11/901,839 09/18/2007	7,697,814 04/13/2010	Biolase Technology, Inc.
DEVICE HAVING ACTIVATED TEXTURED SURFACES FOR TREATING ORAL TISSUE	11/441,788 05/25/2006	8,241,035 08/14/2012	Biolase Technology, Inc.
DEVICE FOR DENTAL CARE AND WHITENING	09/991,533 11/15/2001	6,616,447 09/09/2003	Biolase Technology, Inc.
ELECTROMAGNETICALLY INDUCED CUTTING WITH ATOMIZED FLUID PARTICLES FOR DERMATOLOGICAL APPLICATIONS	09/298,112 04/23/1999	6,544,256 04/08/2003	Biolase, Inc.
METHODS FOR TREATING EYE CONDITIONS	11/978,868 10/29/2007	8,568,392 10/29/2013	Biolase, Inc.

Title	App. No./ App. Date	Reg. No./	Current Owner
ELECTROMAGNETIC RADIATION EMITTING TOOTHBRUSH AND DENTIFRICE SYSTEM	10/624,963 07/21/2003	7,261,558 08/28/2007	Biolase Technology, Inc.
DISPOSABLE LASER HANDPIECE	29/475,593 12/04/2013	D713,538 09/16/201	Biolase, Inc.
MULTIPLE BEAM LASER TREATMENT DEVICE	14/610,650 01/30/2015	10,130,424 11/20/2018	Biolase, Inc.
PRE-INITIATED OPTICAL FIBERS FOR MEDICAL APPLICATIONS	14/628,083 02/20/2015	9,788,899 10/17/2017	Biolase, Inc.
HANDPIECE ASSEMBLY FOR LASER TREATMENT DEVICE	14/060,877 10/23/2013	9,867,997 01/16/2018	Biolase, Inc.
SYSTEM AND METHOD FOR CONTROLLING MULTIPLE LASERS USING A GRAPHICAL USER INTERFACE	14/735,020 06/09/2015	9,696,893 07/04/2017	Biolase, Inc.
SYSTEM AND METHOD FOR CONTROLLING MULTIPLE LASERS USING A GRAPHICAL USER INTERFACE	13/654,944 10/18/2012	9,052,805 06/09/2015	Biolase, Inc.
METHODS FOR TREATING EYE CONDITIONS	13/630,971 09/28/2012	8,827,990 09/09/2014	Biolase, Inc.
INITIATION SEQUENCE FOR RAMPING-UP PULSE POWER IN A MEDICAL LASER HAVING HIGH- INTENSITY LEADING SUBPULSES	13/283,458 10/27/2011	8,821,483 09/02/2014	Biolase, Inc.
NON-CONTACT HANDPIECE FOR LASER TISSUE CUTTING	12/626,271 11/25/2009	8,403,922 03/26/2013	Biolase, Inc.

Title	App. No./ App. Date	Reg. No./	Current Owner
CONTRA-ANGLE ROTATING HANDPIECE HAVING TACTILE- FEEDBACK TIP FERRULE	11/186,619 07/20/2005	7,292,759 11/06/2007	Biolase Technology, Inc.
CONTRA-ANGLE ROTATING HANDPIECE HAVING TACTILE- FEEDBACK TIP FERRULE	11/904,900 09/27/2007	7,578,622 08/25/2009	Biolase Technology, Inc.
DENTAL LASER INTERFACE SYSTEM AND METHOD	15/866,173 01/09/2018		Biolase, Inc.
DENTAL SYSTEM AND METHOD	15/851,452 12/21/2017		Biolase, Inc.
HANDPIECE ASSEMBLY FOR LASER TREATMENT DEVICE	15/872,859 01/16/2018		Biolase, Inc.
DENTAL SYSTEM AND METHOD	15/726,221 10/05/2017		Biolase, Inc.
PRE-INITIATED OPTICAL FIBERS AND METHODS OF MAKING THEREOF	15/785,261 10/16/2017		Biolase, Inc.
LASER CONTROL GUI SYSTEM AND METHOD	15/719,137 09/28/2017		Biolase, Inc.
DENTAL LASER SYSTEM AND METHOD	15/655,164 07/20/2017		Biolase, Inc.
SYSTEM AND METHOD FOR CONTROLLING MULTIPLE LASERS USING A GRAPHICAL USER INTERFACE	15/642,154 07/05/2017		Biolase, Inc.
DENTAL LASER UNIT WITH COMMUNICATION LINK TO ASSISTANCE CENTER	14/204,773 03/11/2014		Biolase, Inc.

Title	App. No./ App. Date	Reg. No./	Current Owner
DUAL WAVELENGTH ENDODONTIC TREATMENT	14/160,996 01/22/2014		Biolase, Inc.
PRESSURE WAVE ROOT CANAL CLEANING SYSTEM	14/617,593 02/09/2015		Biolase, Inc.
DUAL WAVELENGTH LASER TREATMENT DEVICE	14/587,955 12/31/2014		Biolase, Inc.
SYSTEMS AND METHODS FOR DISRUPTION OF AN EYE LENS	14/746,794 06/22/2015		Biolase, Inc.
METHODS FOR TREATING EYE CONDITIONS	13/607,722 09/08/2012		Biolase, Inc.
FLUID CONTROLLER	13/369,193 02/08/12	8,485,818 07/16/13	Biolase, Inc.
FLUID AND PULSED ENERGY OUTPUT SYSTEM	12/245,743 10/04/08	8,033,825 10/04/08	Biolase Technology, Inc.
FIBER TIP FLUID OUTPUT DEVICE	12/190,690 08/13/08	8,023,795 09/20/11	Biolase Technology, Inc.
MODIFIED-OUTPUT FIBER OPTIC TIPS	11/033,441 01/10/05	7,620,290 11/17/09	Biolase Technology, Inc.
FIBER TIP FLUID OUTPUT DEVICE	11/644,155 12/22/06	7,424,199 09/09/08	Biolase Technology, Inc.
FLUID AND LASER SYSTEM	10/435,325 05/09/03	7,320,594 05/09/03	Biolase Technology, Inc.
HIGH-EFFICIENCY, SIDE-PUMPED DIODE LASER SYSTEM	10/178,080 06/21/02	7,288,086 10/30/07	Biolase Technology, Inc.

FIBER DETECTOR APPARATUS AND RELATED METHODS	11/417,762 05/03/06	7,194,180 03/20/07	Biolase Technology, Inc.
FIBER TIP FLUID OUTPUT DEVICE	10/404,683 04/01/03	7,187,822 03/06/07	Biolase Technology, Inc.
FIBER DETECTOR APPARATUS AND RELATED METHODS	10/964,799 10/13/04	7,068,912 06/27/06	Biolase Technology, Inc.
ELECTROMAGNETIC ENERGY DISTRIBUTIONS FOR ELECTROMAGNETICALLY INDUCED CUTTING	10/164,451 06/06/02	6,821,272 11/23/04	Biolase Technology, Inc.
DEVICE FOR REDUCTION OF THERMAL LENSING	10/177,743 06/21/02	6,744,790 06/01/04	Biolase Technology, Inc.
ELECTROMAGNETIC RADIATION EMITTING TOOTHBRUSH AND DENTIFRICE SYSTEM	09/445,947 08/29/00	6,616,451 09/09/03	Biolase Technology, Inc.
METHODS OF USING ATOMIZED PARTICLES FOR ELECTROMAGNETICALLY INDUCED CUTTING	08/985,563 12/05/97	6,610,053 08/26/03	Biolase Technology, Inc.
FLUID CONDITIONING SYSTEM	09/256,697 02/24/99	6,350,123 02/26/02	Biolase Technology, Inc.
ELECTROMAGNETIC ENERGY DISTRIBUTIONS FOR ELECTROMAGNETICALLY INDUCED MECHANICAL CUTTING	08/903,187 06/12/97	6,288,499 09/11/01	Biolase Technology, Inc.
TISSUE REMOVER AND METHOD	09/188,072 11/06/98	6,254,597 07/03/01	Biolase Technology, Inc.
MATERIAL REMOVER AND METHOD	09/270,311 03/16/99	6,231,567 05/15/01	Biolase Technology, Inc.
DENTAL AND MEDICAL PROCEDURES EMPLOYING LASER RADIATION	09/225,684 01/06/99	6,086,367 07/11/00	Biolase Technology, Inc.

USER PROGRAMMABLE COMBINATION OF ATOMIZED PARTICLES FOR ELECTROMAGNETICALLY INDUCED CUTTING	08/985,846 12/05/97	5,968,037 10/19/99	Biolase Technology, Inc.
FLUID CONDITIONING SYSTEM	08/575,775 12/20/95	5,785,521 07/28/98	Biolase Technology, Inc.
ATOMIZED FLUID PARTICLES FOR ELECTROMAGNETICALLY INDUCED CUTTING	08/522,503 08/31/95	5,741,247 04/21/98	Biolase Technology, Inc.
DENTAL SYSTEM AND METHOD	15/851,452 12/21/17	20180177564 06/28/18	Biolase, Inc.
HANDPIECE ASSEMBLY FOR LASER TREATMENT DEVICE	15/872,859 01/16/18	20180140865 05/24/18	Biolase, Inc.
DENTAL LASER INTERFACE SYSTEM AND METHOD	15/866,173 01/09/18	20180129384 05/10/18	Biolase, Inc.
DENTAL SYSTEM AND METHOD	15/726,221 10/05/17	20180104020 04/19/18	Biolase, Inc.
PRE-INITIATED OPTICAL FIBERS AND METHODS OF MAKING THEREOF	15/785,261 10/16/17	20180036082 02/08/18	Biolase, Inc.
DENTAL LASER SYSTEM AND METHOD	15/655,164 07/20/17	20180021104 01/25/18	Biolase, Inc.
SYSTEM AND METHOD FOR CONTROLLING MULTIPLE LASERS USING A GRAPHICAL USERINTERFACE	15/642,154 07/05/17	20170300220 10/19/17	Biolase, Inc.
DUAL WAVELENGTH ENDODONTIC TREATMENT	14/160,996 01/22/14	20140205965 07/24/14	Biolase, Inc.

SCHEDULE C

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<u>Description</u>	<u>Registration/ Application Number</u>	<u>Registration/ Application Date</u>
ezlase	VA0001651282	01/16/09
Waterlase MD photograph 7/2005	VA0001651280	01/16/09