

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT3452556

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	SECURITY AGREEMENT	
CONVEYING PARTY DATA		
Name		Execution Date
NLIGHT PHOTONICS CORPORATION		07/16/2015
RECEIVING PARTY DATA		
Name:	MULTIPLIER GROWTH PARTNERS SPV I, LP	
Street Address:	2 WISCONSIN CIRCLE, SUITE 700	
City:	CHEVY CHASE	
State/Country:	MARYLAND	
Postal Code:	20815	
PROPERTY NUMBERS Total: 82		
Property Type	Number	
Patent Number:	6665471	
Patent Number:	6657775	
Patent Number:	6836487	
Patent Number:	6907051	
Patent Number:	6663785	
Patent Number:	6735350	
Patent Number:	6765733	
Patent Number:	6865316	
Patent Number:	7444046	
Patent Number:	7436868	
Patent Number:	7664150	
Patent Number:	7420996	
Patent Number:	7443895	
Patent Number:	7586963	
Patent Number:	7848372	
Patent Number:	8483533	
Patent Number:	8711471	
Patent Number:	9044829	
Application Number:	12976466	
Patent Number:	8834365	

PATENT

Property Type	Number
Patent Number:	8835804
Patent Number:	8569889
Patent Number:	8537871
Patent Number:	8831396
Patent Number:	8834039
Patent Number:	8891579
Patent Number:	D678788
Application Number:	13339037
Application Number:	13339045
Application Number:	13371098
Application Number:	13418255
Patent Number:	8873134
Application Number:	13431857
Patent Number:	8670111
Application Number:	13624537
Application Number:	13758904
Patent Number:	8995487
Application Number:	13828336
Application Number:	13835354
Application Number:	13840253
Application Number:	13837647
Application Number:	13915509
Application Number:	14011661
Patent Number:	8891580
Application Number:	14030799
Application Number:	14144396
Application Number:	14144344
Application Number:	14144350
Application Number:	14144408
Application Number:	61933641
Application Number:	61935962
Application Number:	61945115
Application Number:	14218738
Application Number:	14249276
Application Number:	61978762
Application Number:	14293941
Application Number:	14296722
Application Number:	14323954

Property Type	Number
Application Number:	62020774
Application Number:	14329484
Application Number:	62032043
Application Number:	62032424
Application Number:	14450162
Application Number:	62058527
Application Number:	14508684
Application Number:	62062146
Application Number:	62064371
Application Number:	14547116
Application Number:	62082543
Application Number:	62093322
Application Number:	62108015
Application Number:	14611124
Application Number:	14614194
Application Number:	14632813
Application Number:	14641093
Application Number:	14657791
Application Number:	62138926
Application Number:	62154701
Application Number:	14702460
Application Number:	14702298
Application Number:	62162535
Application Number:	62171070

CORRESPONDENCE DATA

Fax Number:

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

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ATTORNEY DOCKET NUMBER:	L084828
NAME OF SUBMITTER:	ROBIN DUNN
SIGNATURE:	/Robin Dunn/
DATE SIGNED:	07/23/2015
Total Attachments: 15	

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source=Patent Cover Sheet with Executd IP Security Agreement#page16.tif

#4 RECORDATION FORM COVER SHEET – PATENTS ONLY

Patents and Patent Applications
NLIGHT PHOTONICS CORPORATION

Registration/Publication/ Patent Number	Title (Description)	Application/ Registration Date	Issue / Publication Date
6665471	System and method for optimizing the performance of multiple gain element laser	8/13/2001	12/16/2003
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20140263208	THERMAL PROCESSING WITH LINE BEAMS	3/15/2013	9/18/2014
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61/945,115	Square Pulse Laser Lift Off	2/26/2014	
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14/293,941	Scalable High Power Fiber Laser	6/2/2014	
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14/508,684	Fiber Laser Line Beam System and Method	10/7/14	
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62/064,371	Slanted FBG for SRS Suppression	10/15/14	
14/547,116	Multi-wavelength Laser Device	11/18/14	
62/082,543	Multi-Beam Laser Processing with Dispersion Compensation	11/20/14	
62/093,322	Optical Loss Management in High Power Diode Laser Packages	12/17/14	

62/108,015	High-Power, Single-Mode Fiber Sources	1/26/2015	
14/611,124	Resonant Active Grating Mirror for Surface Emitting Lasers	1/30/2015	
14/614,194	Single-Emitter Line Beam System	2/4/2015	
14/632,813	Square Pulse Laser Lift Off	2/26/2015	
14/641,093	High Brightness Multijunction Diode Stacking	3/6/2015	
14/657,791	Algorithms For Rapid Gating Of Seed Suspendable Pulsed Fiber Laser Amplifiers	3/13/2015	
62/138,926	Fiber Source With Cascaded Gain Stages And/Or Multimode Delivery Fiber With Low Splice Loss	3/26/2015	
62/154,701	Portable Industrial Fiber Optic Inspection Scope	4/29/2015	
14/702,460	Fiber Laser Systems For Cold Ablation	5/1/2015	
14/702,298	Multimode Fiber Combiners	5/1/2015	
62/162,535	Passively Aligned Cross Cylinder Objective Assembly	5/15/2015	
62/171,070	Angled DBR-Grating Laser/Amplifier With One Or More Mode Hopping Regions	6/4/2015	

Patents and Patent Applications
ARBOR PHOTONICS, LLC

Registration/Publication/ Patent Number	Title (Description)	Application/ Registration Date	Issue / Publication Date
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NONE.

INTELLECTUAL PROPERTY SECURITY AGREEMENT

This Intellectual Property Security Agreement is entered into as of **July 12, 2015** by and among **Multiplier Growth Partners SPV I, LP** ("Multiplier") and **nLight Photonics Corporation**, a Delaware corporation and **Arbor Photonics, LLC**, a Delaware limited liability company (jointly and severally, "Grantor"), with reference to the following facts:

A. Multiplier and Grantor are parties to that certain Loan and Security Agreement dated on or about the date hereof (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 Multiplier 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 Multiplier 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 past 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 by Grantor, (ii) listed on Schedule B are all patents and patent applications owned by Grantor, and (iii) listed on Schedule C are all copyrights, software, computer programs, mask works, and other works of authorship owned 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 Multiplier'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 Multiplier 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 New York.

[signatures on next page]

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Address of Grantor:

NLight Photonics Corporation

5408 NE 88th Street, Bldg. E
Vancouver, WA 98665

By Daniel Schaefer
Title CFO

Address of Grantor:

Arbor Photonics, LLC

5408 NE 88th Street, Bldg. E
Vancouver, WA 98665

By Daniel Schaefer
Title Secretary

Address of Multiplier:

Multiplier Growth Partners SPV I, LP

2 Wisconsin Circle, Suite 700
Chevy Chase, MD 20815

By [Signature]
Title MANAGING MEMBER

[Signature Page—Intellectual Property Security Agreement]

SCHEDULE A

Trademarks

NLIGHT PHOTONICS CORPORATION

Description	Serial/ Registration Number	Application/ Registration Date
NLIGHT- STANDARD CHARACTER MARK	85216920 4015448	1/13/2011 8/23/2011
NLIGHT PHOTONICS – STANDARD CHARACTER MARK	85216972 4015450	1/13/2011 8/23/2011
NANO MARK – STANDARD CHARACTER MARK	85466217 4167779	11/7/2011 7/3/2012
ELEMENT – STANDARD CHARACTER MARK	85841533 4492393	2/5/2013 3/4/2014
SIMPLY BRILLIANT – STANDARD CHARACTER MARK	85841528 4515996	2/5/2013 4/15/2014
NTOUCH – STANDARD CHARACTER MARK	86034339	8/9/2013

Trademarks

ARBOR PHOTONICS, LLC

Description	Serial/ Registration Number	Application/ Registration Date
3C – STANDARD CHARACTER MARK	85123985 4018346	9/7/2010 8/30/2011

SCHEDULE B

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NONE.

SCHEDULE C

Copyrights Registered with the United States Copyright Office

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<u>Description</u>	<u>Registration/ Application Number</u>	<u>Registration/ Application Date</u>
NONE		

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ARBOR PHOTONICS, LLC

<u>Description</u>	<u>Registration/ Application Number</u>	<u>Registration/ Application Date</u>
NONE.		