

TRADEMARK ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT		
NATURE OF CONVEYANCE:	SECURITY INTEREST		
CONVEYING PARTY DATA			
Name	Formerly	Execution Date	Entity Type
LUMINESCENT TECHNOLOGIES, INC.		11/24/2008	CORPORATION: CALIFORNIA
RECEIVING PARTY DATA			
Name:	SILICON VALLEY BANK		
Street Address:	3003 TASMAN DRIVE		
City:	SANTA CLARA		
State/Country:	CALIFORNIA		
Postal Code:	95054-1191		
Entity Type:	CHARTERED BANK: CALIFORNIA		
PROPERTY NUMBERS Total: 1			
Property Type	Number	Word Mark	
Serial Number:	76620189	LUMINESCENT TECHNOLOGIES	
CORRESPONDENCE DATA			
Fax Number:	(404)962-6736		
	<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>		
Phone:	(404) 885-3038		
Email:	michael.brignati@troutmansanders.com		
Correspondent Name:	MICHAEL J. BRIGNATI, PH.D.		
Address Line 1:	TROUTMAN SANDERS LLP		
Address Line 2:	600 PEACHTREE STREET, N.E.		
Address Line 4:	ATLANTA, GEORGIA 30308-2216		
ATTORNEY DOCKET NUMBER:	220763.000968		
NAME OF SUBMITTER:	Michael J. Brignati, Ph.D.		
Signature:	/Michael J. Brignati 60,890/		

OP \$40.00 76620189

Date:

11/26/2008

Total Attachments: 7

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INTELLECTUAL PROPERTY SECURITY AGREEMENT

THIS INTELLECTUAL PROPERTY SECURITY AGREEMENT is entered into as of November 24, 2008 by and between SILICON VALLEY BANK ("Bank") and LUMINESCENT TECHNOLOGIES, INC. ("Grantor").

RECITALS

A. Bank has agreed to make certain advances of money and to extend certain financial accommodation to Grantor (the "Loans") in the amounts and manner set forth in that certain Loan and Security Agreement by and between Bank and Grantor dated the date hereof (as the same may be amended, modified or supplemented from time to time, the "Loan Agreement"; capitalized terms used herein are used as defined in the Loan Agreement). Bank is willing to make the Loans to Grantor, but only upon the condition, among others, that Grantor shall grant to Bank a security interest in certain copyrights, trademarks and patents to secure the obligations of Grantor under the Loan Agreement.

B. Pursuant to the terms of the Loan Agreement, Grantor has granted to Bank a security interest in all of Grantor's right, title and interest, whether presently existing or hereafter acquired, in, to and under all of the Collateral.

NOW, THEREFORE, for good and valuable consideration, receipt of which is hereby acknowledged, and intending to be legally bound, as collateral security for the prompt and complete payment when due of its obligations under the Loan Agreement, Grantor hereby represents, warrants, covenants and agrees as follows:

AGREEMENT

To secure its obligations under the Loan Agreement, Grantor grants and pledges to Bank a security interest in all of Grantor's right, title and interest in, to and under its intellectual property (including without limitation those copyrights, patents and trademarks listed on Schedules A, B and C hereto), and including without limitation all proceeds thereof (such as, by way of example but not by way of limitation, license royalties and proceeds of infringement suits), the right to sue for past, present and future infringements, all rights corresponding thereto throughout the world and all re-issues, divisions continuations, renewals, extensions and continuations-in-part thereof.

This security interest is granted in conjunction with the security interest granted to Bank under the Loan Agreement. The rights and remedies of Bank with respect to the security interest granted hereby are in addition to those set forth in the Loan Agreement and the other Loan Documents, and those which are now or hereafter available to Bank as a matter of law or equity. Each right, power and remedy of Bank provided for herein or in the Loan Agreement or any of the Loan Documents, or now or hereafter existing at law or in equity shall be cumulative and concurrent and shall be in addition to every right, power or remedy provided for herein and the exercise by Bank of any one or more of the rights, powers or remedies provided for in this Intellectual Property Security Agreement, the Loan Agreement or any of the other Loan

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Documents, or now or hereafter existing at law or in equity, shall not preclude the simultaneous or later exercise by any person, including Bank, of any or all other rights, powers or remedies.

[Signature Pages Appear on the Following Page]

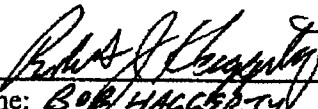
IN WITNESS WHEREOF, the parties have caused this Intellectual Property Security Agreement to be duly executed by its officers thereunto duly authorized as of the first date written above.

GRANTOR:

Address of Grantor:

LUMINESCENT TECHNOLOGIES, INC.

2471 East Bayshore Road, Suite 600
Palo Alto, California 94303
Attn: Robert J. Haggerty


By:  11-24-08
Name: BOB HAGGERTY
Title: CFO

BANK:

Address of Bank:

SILICON VALLEY BANK

3003 Tasman Drive
Santa Clara, CA 95054-1191
Attn: _____

By: 
Name: BLAKE T. ENGLISH
Title: RELATIONSHIP MANAGER

SCHEDULE A

Copyrights

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

SCHEDULE B

Patents

<u>Title</u>	<u>Patent/Patent Application Number (Publication Number)</u>	<u>Issue/Filing Date</u>
METHOD FOR TIME-EVOLVING RECTILINEAR CONTOURS REPRESENTING PHOTO MASKS	7,178,127	02/13/2007
METHOD FOR TIME-EVOLVING RECTILINEAR CONTOURS REPRESENTING PHOTO MASKS	7,124,394	10/17/2006
OPTIMIZED PHOTOMASKS FOR PHOTOLITHOGRAPHY	10/408,924	04/06/2003
OPTIMIZED PHOTOMASKS FOR PHOTOLITHOGRAPHY	11/225,378	09/12/2005
FAST SYSTEMS AND METHODS FOR CALCULATING ELECTROMAGNETIC FIELDS NEAR PHOTOMASKS	11/245,714	10/06/2005
LITHOGRAPHY VERIFICATION USING GUARD BANDS	11/538,290	10/06/2005
MASK-PATTERN DETERMINATION USING TOPOLOGY TYPES	11/538,420	10/03/2006
MASK-PATTERNS INCLUDING INTENTIONAL BREAKS	11/538,782	10/04/2006
SYSTEM, MASKS, AND METHODS FOR PHOTOMASKS OPTIMIZED WITH APPROXIMATE AND ACCURATE MERIT FUNCTIONS	11/539,601	10/06/2006
METHOD FOR TIME-EVOLVING RECTILINEAR CONTOURS REPRESENTING PHOTO MASKS	11/549,846	10/16/2006
PHOTO-MASK AND WAFER IMAGE RECONSTRUCTION	PCT/US2007/078913	09/19/2007

FAST SYSTEMS AND METHODS FOR CALCULATING ELECTROMAGNETIC FIELDS NEAR PHOTOMASKS	PCT/US2006/039810	10/06/2006
METHOD AND MANUFACTURE OF MULTIPLE PHOTOMASK PATTERNS AND COMPUTER READABLE MEDIUM	PCT/US2006/039325	10/06/2006
SYSTEM, MASKS, AND METHODS FOR PHOTOMASKS OPTIMIZED WITH APPROXIMATE AND ACCURATE MERIT FUNCTIONS	PCT/US2006/039214	10/06/2006
MASK-PATTERNS INCLUDING INTENTIONAL BREAKS	PCT/US2006/039090	10/04/2006
LITHOGRAPHY VERIFICATION USING GUARD BANDS	PCT/US2006/038691	10/03/2006
MASK-PATTERN DETERMINATION USING TOPOLOGY TYPES	PCT/US2006/038688	10/03/2006
SYSTEMS, MASKS, AND METHODS FOR PHOTOLITHOGRAPHY	PCT/US2006/035985	09/13/2006

SCHEDULE C

Trademarks

<u>Description</u>	<u>Registration/ Application Number</u>	<u>Registration/ Application Date</u>
LUMINESCENT TECHNOLOGIES (Allowed)	76/620,189	11/12/2004