

PATENT ASSIGNMENT

Electronic Version v1.1
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SUBMISSION TYPE:

NEW ASSIGNMENT

NATURE OF CONVEYANCE:

SECURITY AGREEMENT

CONVEYING PARTY DATA

Name	Execution Date
LUMINESCENT TECHNOLOGIES, INC.	12/07/2009

RECEIVING PARTY DATA

Name:	SILICON VALLEY BANK
Street Address:	3003 TASMAN DRIVE
City:	SANTA CLARA
State/Country:	CALIFORNIA
Postal Code:	95054

PROPERTY NUMBERS Total: 11

Property Type	Number
Application Number:	12207962
Application Number:	12207904
Application Number:	12206660
Application Number:	12206651
Application Number:	11773923
Application Number:	11674133
Application Number:	11674130
Application Number:	11531673
Application Number:	11245691
Application Number:	11225378
PCT Number:	US0876283

CORRESPONDENCE DATA

Fax Number: (404)962-6736

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Phone: (404) 885-3038

501034489

PATENT
REEL: 023617 FRAME: 0658

OP \$440.00 12207962

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.

Total Attachments: 6

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ADDENDUM TO INTELLECTUAL PROPERTY SECURITY AGREEMENT

THIS ADDENDUM TO INTELLECTUAL PROPERTY SECURITY AGREEMENT is executed pursuant to, and is an addendum to, an Intellectual Property Security Agreement dated November 24, 2008 from LUMINESCENT TECHNOLOGIES, INC., a Delaware corporation ("Assignor") in favor of SILICON VALLEY BANK, a California corporation ("Assignee"). This Addendum to Intellectual Property Security Agreement is presented for recordation as constructive notice that Assignor, with its principal office at 2471 East Bayshore Road, Suite 600, Palo Alto, California 94303, the owner of the intellectual property identified in the exhibits attached hereto, has granted to Assignee, with its principal office at 3003 Tasman Drive, Santa Clara, California 95054, a security interest in the intellectual property, and the exclusive rights comprised in the intellectual property, to secure payment of a debt.

IN WITNESS WHEREOF, Assignor has executed this Addendum to Intellectual Property Security Agreement as of December 7, 2009.

LUMINESCENT TECHNOLOGIES, INC.


By: 
Name: ROB HAGGERTY
Title: CFO

Exhibit "A" attached to that certain Addendum to Intellectual Property Security Agreement.

EXHIBIT "A"
COPYRIGHTS

<u>Description</u>	<u>Registration/ Application Number</u>	<u>Registration/ Application Date</u>	<u>Security Interest/ Ownership Issues</u>
NONE	N/A	N/A	N/A

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PATENT *RAK* 12/8/09
REEL: 023617 FRAME: 0661

Exhibit "B" attached to that certain Addendum to Intellectual Property Security Agreement.

EXHIBIT "B"
PATENTS

<u>Title</u>	<u>Patent/Patent Application Number (Publication Number)</u>	<u>Issue/Filing Date</u>	<u>Owner/ Assignee</u>	<u>Security Interest/ Ownership Issues</u>
SYSTEM FOR DETERMINING REPETITIVE WORK UNITS	12/207,962	09/10/2008	Luminescent Technologies, Inc.	
TECHNIQUE FOR DETERMINING MASK PATTERNS AND WRITE PATTERNS	12/207,904	09/10/2008	Luminescent Technologies, Inc.	
WRITE-PATTERN DETERMINATION FOR MASKLESS LITHOGRAPHY	12/206,660	09/08/2008	Luminescent Technologies, Inc.	
WRITE-PATTERN DETERMINATION FOR MASKLESS LITHOGRAPHY	12/206,651	09/08/2008	Luminescent Technologies, Inc.	
PHYSICAL-RESIST MODEL USING FAST SWEEPING	11/773,923	07/05/2007	Luminescent Technologies, Inc.	
METHOD FOR TIME-EVOLVING RECTILINEAR CONTOURS REPRESENTING PHOTO MASKS	11/674,133	02/12/2007	Luminescent Technologies, Inc.	
TECHNIQUE FOR DETERMINING A MASK PATTERN CORRESPONDING TO A PHOTO-MASK	11/674,130	02/12/2007		Assignments from inventors, Daniel Abrams, Danping Peng, and Stanley Osher, have not been recorded with the USPTO
SYSTEMS, MASKS, AND METHODS FOR PHOTOLITHOGRAPHY	11/531,673	09/13/2006		Assignments from inventors, Daniel S. Abrams, Stanley Osher, and Danping Peng, have not been recorded with the USPTO

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PATENT *12/8/09*
REEL: 023617 FRAME: 0662

SYSTEMS, MASKS, AND METHODS
FOR MANUFACTURABLE MASKS
USING A FUNCTIONAL
REPRESENTATION OF POLYGON
PATTERN

11/245,691

10/06/2005

Assignments
from inventors,
Daniel S.
Abrams and
David Irby, have
not been
recorded with
the USPTO.

OPTIMIZED PHOTOMASKS FOR
PHOTOLITHOGRAPHY

11/225,378

09/12/2005

Luminescent
Technologies,
Inc.

TECHNIQUE FOR DETERMINING
MASK PATTERNS AND WRITE
PATTERNS

PCT/US2008/0762
83

09/12/2008

Luminescent
Technologies,
Inc.

Exhibit "C" attached to that certain Addendum to Intellectual Property Security Agreement.

EXHIBIT "C"
TRADEMARKS

<u>Description</u>	<u>Registration/ Application Number</u>	<u>Registratio n/ Application Date</u>	<u>Security Interest/ Ownership Issues</u>
None	N/A	N/A	N/A

Exhibit "D" attached to that certain Addendum to Intellectual Property Security Agreement.

EXHIBIT "D"
SERVICE MARKS

<u>Description</u>	<u>Registration/ Application Number</u>	<u>Registration/ Application Date</u>	<u>Security Interest/ Ownership Issues</u>
None	N/A	N/A	N/A

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