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IN FORM COVER SHEET

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1. Name of conveying party(ies)	2. Name and address of receiving party(ies)	
Swapnajit Chakravarty	Name: Omega Optics, Inc.	
Swapnajit Chakravarty Ray T. Chen	Internal Address:	
Additional name(s) of conveying party(ies) attached? Yes X No 3. Nature of conveyance/Execution Date(s):	Street Address: 10435 Burnet Rd, Suite 108	
Execution Date(s) July 30, 2009		
X Assignment		
Security Agreement Change of Name	City: Austin	
Joint Research Agreement	State:TX	
Government Interest Assignment	Zin 70750	
Executive Order 9424, Confirmatory License	Country: <u>us</u> Zip <u>78758</u>	
Other	Additional name(s) & address(es) attached? Yes No	
A. Patent Application No.(s)	document is being filed together with a new application. B. Patent No.(s)	
12462311		
Additional numbers att	ached? Yes No	
5. Name and address to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved: 1	
Name Swapnajit Chakravarty	7. Total fee (37 CFR 1.21(h) & 3.41) \$40.00	
Internal Address:	, , , , , , , , , , , , , , , , , , , ,	
	Authorized to be charged to deposit account	
Street Address: 10435 Burnet Rd, Suite 108	X Enclosed	
	None required (government interest not affecting title)	
City: Austin	8. Payment Information	
State:TX Zip78758		
Phone Number (512)-996-8833 x601	Danasit Assault Number	
Fax Number: (512) 873-7744	Deposit Account Number	
Email Address: swapnajit.chakravarty@omegaoptics.com	Authorized User Name	
9. Signature: Swapnagit Chakravarry	07/30/2009 Date	
SWAPNAJIT CHAKRAVARTY Name of Person Signing	Total number of pages including cover sheet, attachments, and documents:	

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to: Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

C6/04/2039 SDEHBOB3 C3332371 12462311

64 FC:6021 PATENT

48.00 OP

REEL: 023080 FRAME: 0563

Assignment Of Patent Application

WHEREAS, INVENTOR(s), Swapnajit Chakravarty of Austin, Texas and Ray T. Chen of Austin, Texas, hereinafter referred to as "Assignor," are the inventors of the invention described and set forth in the below-identified application for United States Letters Patent:

Title of Invention: Photonic Crystal Microarray Device for Label-Free Multiple Analyte Sensing,

Biosensing and Diagnostic Assay Chips

Filing Date: Herewith Application No.: N/A; and

WHEREAS, Omega Optics, Inc., a Texas Corporation located at 10435 Burnet Rd, Suite 108, Austin, TX 78758, hereinafter referred to as "ASSIGNEE," is desirous of acquiring an interest in the invention and application and in any U.S. Letters Patent and Registrations which may be granted on the same;

For good and valuable consideration, receipt of which is hereby acknowledged by Assignor, Assignor has assigned, and by these presents do assign to Assignee all right, title, and interest in and to the invention and application and to all foreign counterparts (including patent, utility model and industrial designs), and in and to any Letters Patent and Registrations which may hereafter be granted on the same in the United States and all countries throughout the world, and to claim the priority from the application as provided by the Paris Convention. The right, title, and interest is to be held and enjoyed by Assignee and Assignee's successors and assigns as fully and exclusively as it would have been held and enjoyed by Assignor had this Assignment not been made, for the full term of any Letters Patent and Registrations which may be granted thereon, or of any division, renewal, continuation in whole or in part, substitution, conversion, reissue, prolongation or extension thereof.

Assignor further agrees that he will, without charge to Assignee, but at Assignee's expense, (a) cooperate with Assignee in the prosecution of U.S. Patent applications and foreign counterparts on the invention and any improvements, (b) execute, verify, acknowledge and deliver all such further papers, including patent applications and instruments of transfer, and (c) perform such other acts as Assignee lawfully may request to obtain or maintain Letters Patent and Registrations for the invention and improvements in any and all countries, and to vest title thereto in Assignee, or Assignee's successors and assigns.

IN TESTIMONY WHEREOF, Assignor has signed his name on the date indicated.

Swapnajit C	Chakrovot/ Dated_07/27/2009	
Swapnajit C	Chakravarty	
Ku C	Dated 07/27/2009	
Ray T. Chen		

PATENT REEL: 023080 FRAME: 0564

RECORDED: 08/03/2009