

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT								
NATURE OF CONVEYANCE:	ASSIGNMENT								
CONVEYING PARTY DATA									
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Sandip Niyogi</td> <td>12/19/2012</td> </tr> <tr> <td>Amol Joshi</td> <td>12/19/2012</td> </tr> <tr> <td>Chi-I Lang</td> <td>12/20/2012</td> </tr> </tbody> </table>		Name	Execution Date	Sandip Niyogi	12/19/2012	Amol Joshi	12/19/2012	Chi-I Lang	12/20/2012
Name	Execution Date								
Sandip Niyogi	12/19/2012								
Amol Joshi	12/19/2012								
Chi-I Lang	12/20/2012								
RECEIVING PARTY DATA									
Name:	Intermolecular, Inc.								
Street Address:	3011 N. First Street								
City:	San Jose								
State/Country:	CALIFORNIA								
Postal Code:	95134								
PROPERTY NUMBERS Total: 1									
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13726972</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13726972				
Property Type	Number								
Application Number:	13726972								
CORRESPONDENCE DATA									
Fax Number:									
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>									
Phone:	(408) 582-5400								
Email:	patents@intermolecular.com								
Correspondent Name:	Intermolecular, Inc.								
Address Line 1:	3011 N. First Street								
Address Line 4:	SAN JOSE, CALIFORNIA 95134								
ATTORNEY DOCKET NUMBER:	IM0777_US								
NAME OF SUBMITTER:	Mark Salvatore								
Total Attachments: 1 source=2012_12_26_IM0777_US_AST#page1.tif									

CH \$40.00 13726972

ASSIGNMENT OF PATENT APPLICATION
(Accompanying Application)

Whereas we the undersigned inventors have invented certain new and useful improvements as set forth in the patent application entitled:


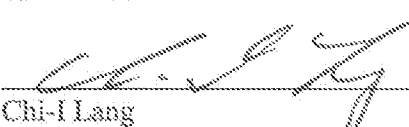
**A Method to Control Depth Profiles of Dopants
Using a Remote Plasma Source**

(Atty. Docket No. IM0777_US) for which we have executed an application for a United States Letters Patent.

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, we the undersigned inventors hereby:

- 1) Sell, assign and transfer to Intermolecular, Inc., a Delaware corporation having a place of business at 3011 N. First Street, San Jose, California 95134 U.S. (hereinafter referred to as "ASSIGNEE"), the entire right title and interest in any and all improvements and inventions disclosed in, application(s) based upon, and Patent(s) (including foreign patents) granted upon the information which is disclosed in the above referenced application.
- 2) Authorize and request the Commissioner of Patents to issue any and all Letters Patents resulting from said application or any division(s), continuation(s), substitutes(s) or reissue(s) thereof to the ASSIGNEE.
- 3) Agree to execute all papers and documents and, entirely at the ASSIGNEE's expense, perform any acts which are reasonably necessary in connection with the prosecution of said application, as well as any derivative and applications thereof, foreign applications based thereon, and/or the enforcement of patents resulting from such applications.
- 4) Agree that the terms, covenants and conditions of this assignment shall inure to the benefit of the Assignee, its successors, assigns and other legal representative, and shall be binding upon the inventor(s), as well as the inventor's heirs, legal representatives and assigns.
- 5) Warrant and represent that we have not entered, and will not enter into any assignment, contract, or understanding that conflicts with this assignment.

Signed on the dates indicated beside our signatures.

- 1) Signature:  Date: 12/19/12
Typed Name: Sandip Niyogi
- 2) Signature: ajoshi Date: 12/19/2012
Typed Name: Amol Joshi
- 3) Signature:  Date: 12/20/2012
Typed Name: Chi-I Lang
- 4) Signature: _____ Date: _____
Typed Name: Salil Mujumdar