

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>Satbir Kahlon</td> <td>11/20/2012</td> </tr> <tr> <td>Aaron T. Francis</td> <td>11/19/2012</td> </tr> <tr> <td>Chi-I Lang</td> <td>11/27/2012</td> </tr> <tr> <td>Gregory P. Lim</td> <td>11/28/2012</td> </tr> <tr> <td>Jeffrey Chih-Hou Lowe</td> <td>11/21/2012</td> </tr> <tr> <td>Robert Anthony Sculac</td> <td>11/27/2012</td> </tr> </tbody> </table>		Name	Execution Date	Satbir Kahlon	11/20/2012	Aaron T. Francis	11/19/2012	Chi-I Lang	11/27/2012	Gregory P. Lim	11/28/2012	Jeffrey Chih-Hou Lowe	11/21/2012	Robert Anthony Sculac	11/27/2012
Name	Execution Date														
Satbir Kahlon	11/20/2012														
Aaron T. Francis	11/19/2012														
Chi-I Lang	11/27/2012														
Gregory P. Lim	11/28/2012														
Jeffrey Chih-Hou Lowe	11/21/2012														
Robert Anthony Sculac	11/27/2012														
RECEIVING PARTY DATA															
<table border="1"> <tr> <td>Name:</td> <td>Intermolecular, Inc.</td> </tr> <tr> <td>Street Address:</td> <td>3011 N. First Street</td> </tr> <tr> <td>City:</td> <td>San Jose</td> </tr> <tr> <td>State/Country:</td> <td>CALIFORNIA</td> </tr> <tr> <td>Postal Code:</td> <td>95134</td> </tr> </table>		Name:	Intermolecular, Inc.	Street Address:	3011 N. First Street	City:	San Jose	State/Country:	CALIFORNIA	Postal Code:	95134				
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>13687906</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13687906										
Property Type	Number														
Application Number:	13687906														
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:	IM0543_US														
NAME OF SUBMITTER:	Mark Salvatore														
Total Attachments: 2 source=2012_11_28_IM0543_US_AST#page1.tif source=2012_11_28_IM0543_US_AST#page2.tif															

CH \$40.00 13687906

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:

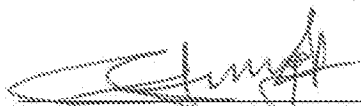
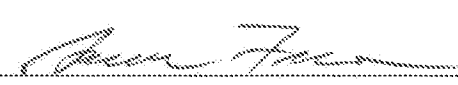
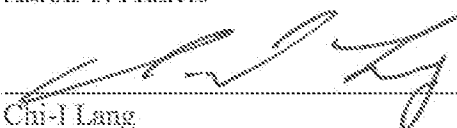
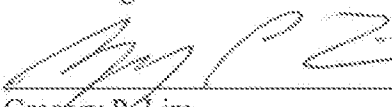
**Methods and Systems for Dispensing Different Liquids for
High Productivity Combinatorial Processing**

(Atty. Docket No. IM0543_US) for which we have executed an application for a United States Letters Patent.

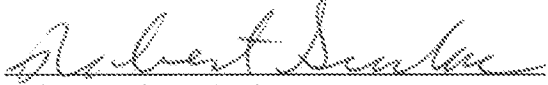
For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, we the undersigned inventors hereby:

- 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: <u></u> | Date: <u>11/20/12</u> |
| | Typed Name: Satbir Kahlon | |
| 2) | Signature: <u></u> | Date: <u>11/19/12</u> |
| | Typed Name: Aaron T. Francis | |
| 3) | Signature: <u></u> | Date: <u>11/27/12</u> |
| | Typed Name: Chi-I Lang | |
| 4) | Signature: <u></u> | Date: <u>11/28/12</u> |
| | Typed Name: Gregory P. Lim | |

ASSIGNMENT OF PATENT APPLICATION
(Accompanying Application)

- 5) Signature:  Date: 11/21/12
Typed Name: Jeffrey Chih-Hou Lowe
- 6) Signature:  Date: 11/27/12
Typed Name: Robert Anthony Sculac