

PATENT ASSIGNMENT

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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>Mihir Tendulkar</td> <td>04/10/2013</td> </tr> <tr> <td>Yun Wang</td> <td>04/10/2013</td> </tr> <tr> <td>Tim Minvielle</td> <td>04/10/2013</td> </tr> <tr> <td>Takeshi Yamaguchi</td> <td>04/10/2013</td> </tr> </tbody> </table>		Name	Execution Date	Mihir Tendulkar	04/10/2013	Yun Wang	04/10/2013	Tim Minvielle	04/10/2013	Takeshi Yamaguchi	04/10/2013
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<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
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<table border="1"> <tr> <td>Name:</td> <td>SanDisk 3D LLC</td> </tr> <tr> <td>Street Address:</td> <td>601 McCarthy Boulevard</td> </tr> <tr> <td>City:</td> <td>Milpitas</td> </tr> <tr> <td>State/Country:</td> <td>CALIFORNIA</td> </tr> <tr> <td>Postal Code:</td> <td>95034</td> </tr> </table>		Name:	SanDisk 3D LLC	Street Address:	601 McCarthy Boulevard	City:	Milpitas	State/Country:	CALIFORNIA	Postal Code:	95034
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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>13368118</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13368118						
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CORRESPONDENCE DATA											

502452543

PATENT
 REEL: 030994 FRAME: 0502

CH \$40.00 13368118

Fax Number: 4085825401

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

Phone: 4085825533

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:

IM0519_US

NAME OF SUBMITTER:

Manu Kashyap

Signature:

/Manu Kashyap/

Date:

08/09/2013

Total Attachments: 1

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ASSIGNMENT OF PATENT APPLICATION

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

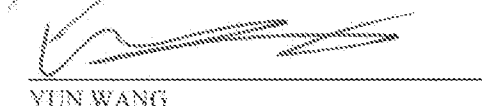
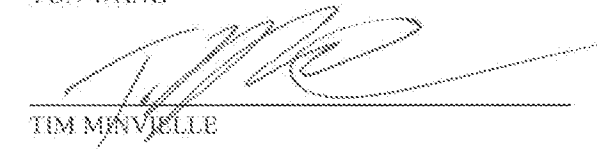
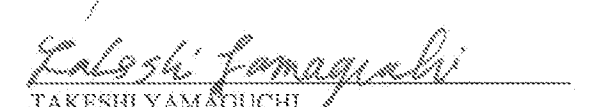
NONVOLATILE MEMORY DEVICE USING A TUNNEL NITRIDE AS A CURRENT LIMITER ELEMENT

(Atty. Docket No. IM0519_US) for which we have executed an application for a United States Letters Patent filed on February 07, 2012 having the application number 13/368,118

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., Kabushiki Kaisha Toshiba doing business at 1-1, Shibaura 1-chome, Minato-ku, Tokyo 105-8001, Japan and SanDisk 3D LLC doing business at 601 McCarthy Boulevard, Milpitas, CA 95034 USA, (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: <u>04/10/2013</u> |
| | Typed Name: MIHIR TENDULKAR | |
| 2) | Signature:  | Date: <u>04/10/2013</u> |
| | Typed Name: YUN WANG | |
| 3) | Signature:  | Date: <u>4/10/13</u> |
| | Typed Name: TIM MINVILLE | |
| 4) | Signature:  | Date: <u>4/10/2013</u> |
| | Typed Name: TAKESHI YAMAGUCHI | |