

PATENT ASSIGNMENT COVER SHEET

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Stylesheet Version v1.2

EPAS ID: PAT2608422

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>ANH DUONG</td><td>11/08/2013</td></tr><tr><td>ERROL TODD RYAN</td><td>11/08/2013</td></tr></tbody></table>		Name	Execution Date	ANH DUONG	11/08/2013	ERROL TODD RYAN	11/08/2013						
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ERROL TODD RYAN	11/08/2013												
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		
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<table border="1"><tr><td>Name:</td><td>GLOBALFOUNDRIES INC.</td></tr><tr><td>Street Address:</td><td>PO BOX 309</td></tr><tr><td>Internal Address:</td><td>MAPLES CORPORATE SERVICES LIMITED</td></tr><tr><td>City:</td><td>GRAND CAYMAN</td></tr><tr><td>State/Country:</td><td>CAYMAN ISLANDS</td></tr><tr><td>Postal Code:</td><td>KY1-1104</td></tr></table>		Name:	GLOBALFOUNDRIES INC.	Street Address:	PO BOX 309	Internal Address:	MAPLES CORPORATE SERVICES LIMITED	City:	GRAND CAYMAN	State/Country:	CAYMAN ISLANDS	Postal Code:	KY1-1104
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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>14075228</td></tr></tbody></table>		Property Type	Number	Application Number:	14075228								
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Application Number:	14075228												
CORRESPONDENCE DATA													
Fax Number:	(408)582-5401												
Phone:	4085825533												
Email:	patents@intermolecular.com												
<i>Correspondence will be sent via US Mail when the email attempt is unsuccessful.</i>													
Correspondent Name:	INTERMOLECULAR, INC.												
Address Line 1:	3011 N. FIRST STREET												
Address Line 4:	SAN JOSE, CALIFORNIA 95134												

CH \$40.00 14075228

ATTORNEY DOCKET NUMBER:	IM0950_US
NAME OF SUBMITTER:	MANU KASHYAP
Signature:	/Manu Kashyap/
Date:	11/08/2013
Total Attachments: 2 source=2013_11_08_IM0950_US_AST#page1.tif source=2013_11_08_IM0950_US_AST#page2.tif	

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:

Method to etch cu/Ta/TaN selectively using dilute aqueous Hf/h2so4 solution

(Atty. Docket No. IM0950_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. and GLOBALFOUNDRIES, a corporation of the Cayman Islands, having a principal place of business at Maples Corporate Services Limited, P.O. Box 309, Ugland House, Grand Cayman KY1-1104 Cayman Islands, (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: _____
Typed Name: ANH DUONG
- 2) Signature: Errol Todd Ryan Date: 11/8/13
Typed Name: ERROL TODD RYAN

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:

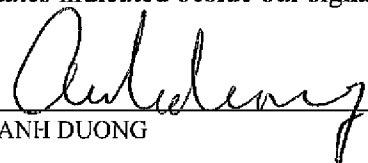
Method to etch cu/Ta/TaN selectively using dilute aqueous Hf/h2so4 solution

(Atty. Docket No. IM0950_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.** and **GLOBALFOUNDRIES**, a corporation of the Cayman Islands, having a principal place of business at **Maples Corporate Services Limited, P.O. Box 309**, Ugland House, Grand Cayman KY1-1104 Cayman Islands, (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.
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- 1) Signature:  Date: 11/08/2013
Typed Name: ANH DUONG
- 2) Signature: _____ Date: _____
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