PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:		NEW ASSIGNMENT			
NATURE OF CONVEYANCE:		ASSIGNMENT			
CONVEYING PARTY DATA					
N			lame	Execution Date	
CHIEN-LAN HSUEH				12/19/2013	
YUN WANG				12/18/2013	
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 Property Type Number					
Application Number: 1413		41357	i765		
Application Number: 14135765 CORRESPONDENCE DATA					
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ATTORNEY DOCKET NUMBER:		IM1153_US		j	
NAME OF SUBMITTER:		MANU KASHYAP			
Signature:		/Manu Kashyap/			
Date:		12/20/2013			
Total Attachments: 1 source=2013_12_20_IM1153_US_AST#page1.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;

Metal Organic Chemical Vapor Deposition of Resistive Switching Layers for **ReRAM Cells**

(Atty. Docket No. IM1153 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.

Warrant and represent that we have not entered, and will not enter into any assignment, 5) contract, or understanding that conflicts with this assignment.

Signed on the dates indicated beside our signatures.

Signature: 1) Typod Name:

CHIEN-LAN HSUEH

Date: 12/19/13 Date: 12/18/2013

2) Signature: Typed Name:

YEN WANG

PATENT REEL: 031826 FRAME: 0495

Attorney Docket No. 1M1153_US

RECORDED: 12/20/2013