

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Prashant Phatak	05/08/2009
RECEIVING PARTY DATA	
Name:	Intermolecular, Inc.
Street Address:	2865 Zanker Road
City:	San Jose
State/Country:	CALIFORNIA
Postal Code:	95134
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	12463174
CORRESPONDENCE DATA	
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Correspondent Name:	Intermolecular, Inc.
Address Line 1:	2865 Zanker Road
Address Line 4:	San Jose, CALIFORNIA 95134
ATTORNEY DOCKET NUMBER:	IM0120_US
NAME OF SUBMITTER:	Sandeep Jaggi
Total Attachments: 1 source=2009_05_08_IM0120_US_AST#page1.tif	

CH \$40.00 12463174

ASSIGNMENT OF PATENT APPLICATION

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

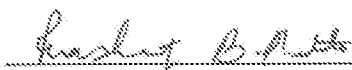
CONFINEMENT TECHNIQUES FOR NON-VOLATILE RESISTIVE- SWITCHING MEMORIES

(Atty. Docket No. IM0120) for which I have executed an application for a United States Letters Patent on or about May 8, 2009.

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

- 1) Sell, assign and transfer to Intermolecular, Inc., a Delaware corporation having a place of business at 2865 Zanker Road 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, as well as the inventor's heirs, legal representatives and assigns.
- 5) Warrant and represent that I have not entered, and will not enter into any assignment, contract, or understanding that conflicts with this assignment.

Signed on the dates indicated beside my signature.

1) Signature:  Date: 5/8/09
Typed Name: Prashant Phatak