

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>Hanhong Chen</td><td>07/16/2011</td></tr><tr><td>Hiroyuki Ode</td><td>07/18/2011</td></tr></tbody></table>		Name	Execution Date	Hanhong Chen	07/16/2011	Hiroyuki Ode	07/18/2011				
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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>Elpida Memory, Inc.</td></tr><tr><td>Street Address:</td><td>Sumitomo Seimei Yaesu Bldg. 3F, 2-1 Yaesu 2-chome, Chuo-ku</td></tr><tr><td>City:</td><td>Tokyo</td></tr><tr><td>State/Country:</td><td>JAPAN</td></tr><tr><td>Postal Code:</td><td>104-0028</td></tr></table>		Name:	Elpida Memory, Inc.	Street Address:	Sumitomo Seimei Yaesu Bldg. 3F, 2-1 Yaesu 2-chome, Chuo-ku	City:	Tokyo	State/Country:	JAPAN	Postal Code:	104-0028
Name:	Elpida Memory, Inc.										
Street Address:	Sumitomo Seimei Yaesu Bldg. 3F, 2-1 Yaesu 2-chome, Chuo-ku										
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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>13195528</td></tr></tbody></table>		Property Type	Number	Application Number:	13195528						
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Application Number:	13195528										
CORRESPONDENCE DATA											
Fax Number: (408)582-5401 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>											
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:	IM0341_US										
NAME OF SUBMITTER:	Aubrey L. Helms, Jr.										
Total Attachments: 1 source=2011_07_18_IM0341_US_AST#page1.tif											

CH \$40.00 13195528

PATENT

501615141

REEL: 026693 FRAME: 0590

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:

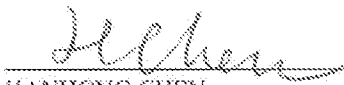
ASYMMETRIC MIM CAPACITOR FOR DRAM DEVICES

(Atty. Docket No. IM0341_US) for which we have executed an application for a United States Letters Patent.

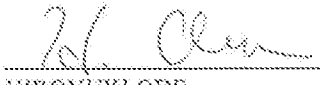
For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, we the undersigned inventors hereby:

- 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 Elpida Memory, Inc., having a place of business at Sumitomo Seimei Yaesu Bldg. 3F, 2-1 Yaesu 2-chome, Chuo-ku, Tokyo 104-0028 JAPAN, (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: 
Typed Name: HANHONG CHEN

Date: 7/16/2011

2) Signature: 
Typed Name: HIROYUKI ODE

Date: July 18, 2011