

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT								
NATURE OF CONVEYANCE:	ASSIGNMENT								
CONVEYING PARTY DATA									
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:70%;">Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Ryo HIRANO</td> <td>12/19/2008</td> </tr> <tr> <td>Yukihide SUZUKI</td> <td>12/19/2008</td> </tr> <tr> <td>Hidekazu EGAWA</td> <td>12/19/2008</td> </tr> </tbody> </table>		Name	Execution Date	Ryo HIRANO	12/19/2008	Yukihide SUZUKI	12/19/2008	Hidekazu EGAWA	12/19/2008
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Ryo HIRANO	12/19/2008								
Yukihide SUZUKI	12/19/2008								
Hidekazu EGAWA	12/19/2008								
RECEIVING PARTY DATA									
Name:	Elpida Memory, Inc.								
Street Address:	2-1, Yaesu 2-chome								
City:	Chuo-ku, Tokyo								
State/Country:	JAPAN								
PROPERTY NUMBERS Total: 1									
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:30%;">Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>12323075</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	12323075				
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Application Number:	12323075								
CORRESPONDENCE DATA									
Fax Number:	(202)293-7860								
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>									
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NAME OF SUBMITTER:	Howard L. Bernstein								
Total Attachments: 2 source=Assignment#page1.tif source=Assignment#page2.tif									

CH \$40.00 12323075

Assignment

Whereas, I / We,

- (1) Ryo HIRANO of Tokyo, Japan,
- (2) Yukihide SUZUKI of Hino, Japan, and
- (3) Hidekazu EGAWA of Akishima, Japan

hereinafter called assignor(s), have invented certain improvements in

SEMICONDUCTOR INTEGRATED CIRCUIT

and executed an application for Letters Patent of the United States of America therefor on

December 19, 2008 ; and

Whereas,

Elpida Memory, Inc.,
2-1, Yaesu 2-chome, Chuo-ku, Tokyo, Japan

(assignee(s)), desires to acquire the entire right, title, and interest in the application and invention, and to any United States patents to be obtained therefor;

Now therefore, for valuable consideration, receipt whereof is hereby acknowledged,

I/We, the above-named assignor(s), hereby sell, assign and transfer to the above named assignee, its successors and assigns, the entire right, title and interest in the application and the invention disclosed therein for the United States of America, including the right to claim priority under 35 U. S. C. § 119, and I/we request the Commissioner of Patents to issue any Letters Patent granted upon the invention set forth in the application to the assignee, its successors and assigns; and I/we will execute without further consideration all papers deemed necessary by the assignee in connection with the United States application when called upon to do so by the assignee.

I / We hereby authorize and request my attorneys SUGHRUE MION, PLLC of 2100 Pennsylvania Avenue, N.W., Washington, D.C. 20037-3213 to insert here in parentheses (Application number 12/323,075 , filed November 25, 2008) the filing date and application number of said application when known.

Date: December 19, 2008

Ryo Hirano



Ryo HIRANO

Witness:

Shoji Suzuki

Hidekazu Egawa

Yukihide Suzuki



Yukihide SUZUKI

Hidekazu Egawa



Hidekazu EGAWA

Witness:

Tomu Takahashi

Masayuki Miyasaka