

PATENT ASSIGNMENT

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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>Yoshihiro SAEKI</td> <td>07/06/2012</td> </tr> <tr> <td>Nobuaki HOSHI</td> <td>07/06/2012</td> </tr> </tbody> </table>		Name	Execution Date	Yoshihiro SAEKI	07/06/2012	Nobuaki HOSHI	07/06/2012
Name	Execution Date						
Yoshihiro SAEKI	07/06/2012						
Nobuaki HOSHI	07/06/2012						
RECEIVING PARTY DATA							
Name:	ELPIDA MEMORY, INC.						
Street Address:	2-1, Yaesu 2-chome,						
City:	Chuo-ku, Tokyo						
State/Country:	JAPAN						
Postal Code:	104-0028						
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>13455840</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13455840		
Property Type	Number						
Application Number:	13455840						
CORRESPONDENCE DATA							
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NAME OF SUBMITTER:	Catherine C. Merino, New Apps Specialist						
Total Attachments: 1 source=Q130641_Q130641_Assignment#page1.tif							

OP \$40.00 13455840

For Non-U.S. Clients

Assignment

Whereas, I/We, Yoshihiro SAEKI and Nobuaki HOSHI, both of Tokyo, Japan

hereinafter called assignor(s), have invented certain improvements in METHOD FOR MANUFACTURING SEMICONDUCTOR DEVICE

and executed an application for Letters Patent of the United States of America therefor on July 6, 2012; and

Whereas, Elpida Memory, Inc.
2-1, Yaesu 2-chome,
Chuo-ku, Tokyo 104-0028
Japan

(assignee), 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 Director - U.S. Patent and Trademark Office 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 our attorneys SUGHRUE MION, PLLC of 2100 Pennsylvania Avenue, NW, Washington, DC 20037-3213 to insert here in parentheses (Application number 13/455,840 and Confirmation number .1074, filed April 25, 2012) the filing date and application number of said application when known.

Date: July 6, 2012 *Yoshihiro SaeKi*
s/ Yoshihiro SAEKI

Date: July 6, 2012 *Nobuaki Hoshi*
s/ Nobuaki HOSHI

Date: _____
s/

Date: _____
s/

(Legalization not required for recording but is prima facie evidence of execution under 35 U.S.C. §261)

Witness: *Shoji Fujii*

PATENT