

**PATENT ASSIGNMENT**

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SUBMISSION TYPE:	NEW ASSIGNMENT								
NATURE OF CONVEYANCE:	ASSIGNMENT								
<b>CONVEYING PARTY DATA</b>									
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Soichiro YOSHIDA</td> <td>09/08/2010</td> </tr> <tr> <td>Kazuhiko KAJIGAYA</td> <td>09/08/2010</td> </tr> <tr> <td>Yasutoshi YAMADA</td> <td>09/08/2010</td> </tr> </tbody> </table>		Name	Execution Date	Soichiro YOSHIDA	09/08/2010	Kazuhiko KAJIGAYA	09/08/2010	Yasutoshi YAMADA	09/08/2010
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Soichiro YOSHIDA	09/08/2010								
Kazuhiko KAJIGAYA	09/08/2010								
Yasutoshi YAMADA	09/08/2010								
<b>RECEIVING PARTY DATA</b>									
Name:	ELPIDA MEMORY, INC.								
Street Address:	2-1, Yaesu 2-chome, Chuo-ku								
City:	Tokyo								
State/Country:	JAPAN								
Postal Code:	104-0028								
<b>PROPERTY NUMBERS Total: 1</b>									
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>12881750</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	12881750				
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Application Number:	12881750								
<b>CORRESPONDENCE DATA</b>									
Fax Number:	(202)293-7860								
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>									
Phone:	202-293-7060								
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Correspondent Name:	SUGHRUE MION, PLLC								
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Address Line 2:	SUITE 800								
Address Line 4:	WASHINGTON, DISTRICT OF COLUMBIA 20037								
ATTORNEY DOCKET NUMBER:	Q120737								
NAME OF SUBMITTER:	Howard L. Bernstein								
Total Attachments: 1 source=Assignment_Executed#page1.tif									

OP \$40.00 12881750

**501290240**

**PATENT**  
**REEL: 024985 FRAME: 0836**

## Assignment

Whereas, I/We,  
Soichiro YOSHIDA of c/o Elpida Memory, Inc., 2-1, Yaesu 2-chome, Chuo-ku, Tokyo 104-0028 JAPAN, Kazuhiko KAJIGAYA of c/o Elpida Memory, Inc., 2-1, Yaesu 2-chome, Chuo-ku, Tokyo 104-0028 JAPAN and Yasutoshi YAMADA of c/o Hitachi ULSI Systems Co., Ltd., 1-1 Higashikoigakubo 3-chome, Kokubunji-shi, Tokyo 185-0014 JAPAN,  
hereinafter called assignor(s), have invented certain improvements in  
SEMICONDUCTOR DEVICE AND DATA PROCESSING SYSTEM  
COMPRISING SEMICONDUCTOR DEVICE  
and executed an application for Letters Patent of the United States of America therefor on \_\_\_\_\_; and

Whereas,  
Elpida Memory Inc., a corporation organized and existing under the laws of Japan, having a place of business at 2-1, Yaesu 2-chome, Chuo-ku, Tokyo 104-0028 JAPAN hereinafter referred to as "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 of the 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 12/881,750 and Confirmation number 1648, filed September 14, 2010) the application number and filing date of said application when known.

Date:	September 8, 2010	<u>Soichiro Yoshida</u> (富)
		s/ Soichiro YOSHIDA
Date:	September 8, 2010	<u>Kazuhiko Kajigaya</u> (梶)
		s/ Kazuhiko KAJIGAYA
Date:	September 8, 2010	<u>Yasutoshi Yamada</u> (山田)
Witness:		s/ Yasutoshi YAMADA
Date:	September 8, 2010	<u>[Signature]</u>
		s/
Date:	September 8, 2010	<u>[Signature]</u>
		s/

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