

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>Akira IDE</td> <td>09/29/2008</td> </tr> <tr> <td>Yasuhiro TAKAI</td> <td>09/29/2008</td> </tr> <tr> <td>Tomonori SEKIGUCHI</td> <td>09/29/2008</td> </tr> <tr> <td>Riichiro TAKEMURA</td> <td>09/29/2008</td> </tr> <tr> <td>Satoru AKIYAMA</td> <td>09/29/2008</td> </tr> <tr> <td>Hiroaki NAKAYA</td> <td>09/29/2008</td> </tr> </tbody> </table>		Name	Execution Date	Akira IDE	09/29/2008	Yasuhiro TAKAI	09/29/2008	Tomonori SEKIGUCHI	09/29/2008	Riichiro TAKEMURA	09/29/2008	Satoru AKIYAMA	09/29/2008	Hiroaki NAKAYA	09/29/2008
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Hiroaki NAKAYA	09/29/2008														
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>12208978</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	12208978										
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Application Number:	12208978														
CORRESPONDENCE DATA															
Fax Number:	(202)293-7860														
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>															
Phone:	202-293-7060														
Email:	JBLUM@SUGHRUE.COM														
Correspondent Name:	SUGHRUE MION, PLLC														
Address Line 1:	2100 PENNSYLVANIA AVENUE, N.W.														
Address Line 2:	SUITE 800														
Address Line 4:	WASHINGTON, DISTRICT OF COLUMBIA 20037														
ATTORNEY DOCKET NUMBER:	Q110116														
NAME OF SUBMITTER:	Howard L. Bernstein														

CH \$40.00 12208978

Total Attachments: 1
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Assignment

Whereas, I/We, Akira IDE and Yasuhiro TAKAI of Tokyo, Japan, respectively, Tomonori SEKIGUCHI of Tama, Japan, Riichiro TAKEMURA of Los Angeles California, Satoru AKIYAMA of Sagamihara, Japan and Hiroaki NAKAYA of Kokubunji, Japan, respectively

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

TIMING CONTROL CIRCUIT AND SEMICONDUCTOR STORAGE DEVICE
and executed an application for Letters Patent of the United States of America therefor on
September 29, 2008; and


Whereas, Elpida Memory, Inc.
2-1, Yaesu 2-chome, Chuo-ku, Tokyo, 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 12/208,978 and Confirmation number 3580, filed September 11, 2008) the filing date and application number of said application when known.


Date: September 29, 2008 Akira Ide 
s/ Akira IDE

Date: September 29, 2008 Yasuhiro Takai 
s/ Yasuhiro TAKAI

Date: September 29, 2008 Tomonori Sekiguchi 
s/ Tomonori SEKIGUCHI

Date: September 29, 2008 Riichiro Takemura 
s/ Riichiro TAKEMURA

Date: September 29, 2008 Satoru Akiyama 
s/ Satoru AKIYAMA

Date: September 29, 2008 Hiroaki Nakaya 
s/ Hiroaki NAKAYA

Witnesses:

Date: September 29, 2008 [Signature]
s/

Date: September 29, 2008 [Signature]
s/

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