

**PATENT ASSIGNMENT**

Electronic Version v1.1  
 Stylesheet Version v1.1

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
Hiroshi NAKAGAWA	08/16/2010
Kanji OISHI	08/16/2010
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	Elpida Memory, Inc.
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<b>City:</b>	Tokyo
<b>State/Country:</b>	JAPAN
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	12860058
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<b>NAME OF SUBMITTER:</b>	Howard L. Bernstein
<b>Total Attachments: 1</b> source=EXECUTED_ASSIGNMENT#page1.tif	

CH \$40.00 12860058

# Assignment

Whereas, I/We, Hiroshi NAKAGAWA and Kanji OISHI of Tokyo, Japan, respectively  
hereinafter called assignor(s), have invented certain improvements in  
SEMICONDUCTOR DEVICE

and executed an application for Letters Patent of the United States of America therefor on  
August 16, 2010; 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 12/860,058 and Confirmation number 9239, filed August 20, 2010) the filing date and application number of said application when known.

Date: August 16, 2010 Hiroshi Nakagawa   
s/ Hiroshi NAKAGAWA

Date: August 16, 2010 Kanji Oishi   
s/ Kanji OISHI

Date: \_\_\_\_\_  
s/ \_\_\_\_\_

Witnesses:  
Date: August 16, 2010 [Signature]

Date: August 16, 2010 [Signature]  
s/ \_\_\_\_\_

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