

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Katsuhiko KITAGAWA	03/02/2010
RECEIVING PARTY DATA	
Name:	Elpida Memory, Inc.
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City:	Chuo-ku, Tokyo
State/Country:	JAPAN
Postal Code:	104-0028
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	12724011
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ATTORNEY DOCKET NUMBER:	Q116538
NAME OF SUBMITTER:	Howard L. Bernstein
Total Attachments: 1 source=ASSIGNMENT_AS_FILED#page1.tif	

CH \$40.00 12724011

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PATENT
REEL: 024081 FRAME: 0707

Assignment

Whereas, I/We, Katsuhiro KITAGAWA citizen of JAPAN

hereinafter called assignor(s), have invented certain improvements in
SEMICONDUCTOR DEVICE HAVING CLOCK GENERATING CIRCUIT

and executed an application for Letters Patent of the United States of America therefor on _____; 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 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 12/724,011 and Confirmation number 6489, filed March 15, 2010) the application number and filing date of said application when known.

Date: Mar/2/2010 Katsuhiro Kitagawa 
s/ Katsuhiro KITAGAWA

Date: _____
s/ _____

Date: _____
s/ _____

Date: _____
s/ _____

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