

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Tsutomu HAYAKAWA	11/10/2006
RECEIVING PARTY DATA	
Name:	ELPIDA MEMORY, INC.
Street Address:	2-1, Yaesu 2-Chome,
Internal Address:	Chuo-ku,
City:	Tokyo
State/Country:	JAPAN
Postal Code:	104-0028
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	11563643
CORRESPONDENCE DATA	
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ATTORNEY DOCKET NUMBER:	Q98538
NAME OF SUBMITTER:	Howard L. Bernstein
Total Attachments: 1 source=Q98538#page1.tif	

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Assignment

Whereas, I/We, Tsutomu HAYAKAWA of Tokyo, Japan

hereinafter called assignor(s), have invented certain improvements in PHASE-CHANGE MEMORY DEVICE AND METHOD OF MANUFACTURING SAME

and executed an application for Letters Patent of the United States of America therefor on November 10, 2006; 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 _____ and Confirmation number _____, filed _____) the filing date and application number of said application when known.

Date: November 10, 2006 Tsutomu Hayakawa 
s/ Tsutomu HAYAKAWA
Date: _____
s/ _____
Date: _____
s/ _____
Date: _____
s/ _____

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

Witness: Masaki Kawaguchi 
Yumitaka Watanabe