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102895221

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11-24-04

1. Name of conveying party(ies):

DONO, Chiaki  
KOSHIKAWA, Yasuji

Additional names(s) of conveying party(ies)  Yes  No

2. Name and address of receiving party(ies):

Name: ELPIDA MEMORY, INC.

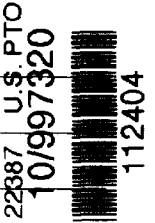
Address: 2-1, Yaesu 2-chome

Chuo-ku

City: Tokyo State/Prov.: \_\_\_\_\_

Country: JAPAN ZIP: \_\_\_\_\_

Additional name(s) & address(es)  Yes  No



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- Assignment  Merger
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Execution Date: November 22, 2004

4. Application number(s) or patent numbers(s):

If this document is being filed together with a new application, the execution date of the application is: November 22, 2004

Patent Application No.

Filing date

B. Patent No.(s)

11/30/2004 SZEWDIE1 00000008 10997320  
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Additional numbers  Yes  No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Norman P. Soloway

Registration No. 24,315

Address: HAYES SOLOWAY P.C.

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City: Tucson State/Prov.: Arizona

Country: U.S.A. ZIP: 85701

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41):.....\$ 40.00

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Norman P. Soloway

Name of Person Signing

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November 24, 2004

Date

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PATENT  
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ASSIGNMENT

FOREIGN - IN THE UNITED STATES OF AMERICA

I/we, Chiaki DONO and Yasuji KOSHIKAWA

of Tokyo, Japan

having invented certain inventions and improvements in SEMICONDUCTOR MEMORY DEVICE WITH REFRESHMENT CONTROL

and having executed an application for Letters Patent of the United States of America describing the same and based thereon on

November 22, 2004, for good and valuable consideration, the receipt of which is hereby acknowledged, from Elpida Memory, Inc.

a Japanese corporation

having its principal place of business at

2-1, Yaesu 2-chome, Chuo-ku, Tokyo, Japan (hereinafter

called the Assignee), do hereby sell, assign and transfer unto the Assignee, its successors, and assigns our entire rights, title, and interest, in and to said invention in the United States of America, including all rights, title and interest in the above-mentioned application and any divisional, continuing or reissue application or applications, and any patent which may be issued on the said invention in the United States of America.

And for the same consideration, I/we do hereby agree that I/we will upon request execute any instrument which the Assignee may desire to carry this Assignment into effect and perfect the title transferred hereby or prosecute the above-mentioned application.

And I/we do hereby authorize the Commissioner of Patents and Trademarks of the United States of America to issue Letters Patent on the said application to the Assignee.

And I/we do hereby jointly and severally covenant for ourselves and for our legal representatives that I/we have granted no right or license to make, use, or sell said inventions to anyone except the Assignee, that prior to the execution of this deed our rights, title, and interest in and to said inventions or any of them or any part thereof has not been otherwise encumbered by us, and that I/we have not executed and will not execute any instrument in conflict herewith.

IN WITNESS WHEREOF, I/we have hereunto set our hands and seals on the day and year hereinafter noted.


Sole or First

Inventor's signature Chiaki Dono  Date November 22, 04

Full name (typed or printed) Chiaki DONO

Witness: Masaki Kawaguchi  Witness: [Signature]

Date: November 22, 04 Date: November 22, 04

Second Inventor's signature Yasuji Koshikawa  Date November 22, 04

Full name (typed or printed) Yasuji KOSHIKAWA

Witness: Masaki Kawaguchi  Witness: [Signature]

Date: November 22, 04 Date: November 22, 04

Third Inventor's signature \_\_\_\_\_ Date \_\_\_\_\_

Full name (typed or printed) \_\_\_\_\_

Witness: \_\_\_\_\_ Witness: \_\_\_\_\_

Date: \_\_\_\_\_ Date: \_\_\_\_\_