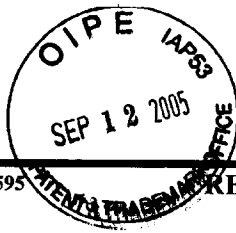


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To the Director of the U.S. Patent and Trademark Office

The attached original documents or copy thereof.

1. Name of conveying party(ies):

Yutaka ITO
Eiji YAMASAKI
Hidetoshi IWAI

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

ELPIDA MEMORY, INC
2-1, Yaesu 2-chome, Chuo-ku, Tokyo, JapanAdditional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

3. Nature of conveyance:

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Other _____

Execution Date: July 22, 2005

Additional name(s) & address(es) attached? ☐ Yes ☒ No

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

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

A. Patent Application No.(s)
11/154,467

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

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

SUGHRUE MION, PLLC

WASHINGTON OFFICE

23373

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6. Total number of applications and patents involved:

1

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

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To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Howard L. Bernstein

Reg. No. 25,665

September 12, 2005

Date

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REEL: 016970 FRAME: 0687

Assignment

Whereas, I/We, Yutaka ITO, Eiji YAMASAKI and Hidetoshi IWAI
of Tokyo, Japan, respectively

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

SEMICONDUCTOR MEMORY DEVICE

and executed an application for Letters Patent of the United States of America therefor on
July 22, 2005; 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 _____ and Confirmation number _____, filed _____) the filing date and application number of said application when known.

Date: July 22, 2005 Yutaka ITO 
s/ Yutaka ITO

Date: July 22, 2005 Eiji Yamasaki 
s/ Eiji YAMASAKI

Date: July 22, 2005 Hidetoshi Iwai 
s/ Hidetoshi IWAI

Witnesses:
Date: July 22, 2005 Masaki Kawaguchi 
s/

Date: July 22, 2005 Genta Tokuyama 
s/

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