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 Yuko WATANABE
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2. Name and address of receiving party(ies):
 ELPIDA MEMORY, INC
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Hitachi ULSI Systems, Co., Ltd.
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Hitachi LTD.
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 JAPAN

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10/7/04

3. Nature of conveyance:

Assignment Merger
 Security Agreement Change of Name
 Other

Execution Date: August 26, 2004

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)
 10/875,572

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
 CUSTOMER NUMBER

6. Total number of applications and patents involved: 1

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

Whereas, ~~we~~ We,

Yuko WATANABE, Koji ARAI and Seiji NARUI of Tokyo, Japan

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

LAYOUT METHOD FOR MINIATURIZED MEMORY ARRAY AREA

and executed an application for Letters Patent of the United States of America therefor on August 26, 2004 ; and

Whereas,

- (1) Elpida Memory, Inc.,
2-1, Yaesu 2-chome, Chuo-ku, Tokyo, Japan
- (2) Hitachi ULSI Systems Co., Ltd.,
22-1, Josuihoncho 5-chome, Kodaira-shi, Tokyo, Japan and
- (3) Hitachi, Ltd.,
6, Kanda Surugadai 4-chome, Chiyoda-ku, Tokyo, Japan

(assignee(s)), 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,

~~We~~ 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 ~~we~~ we request the Commissioner of Patents to issue any Letters Patent granted upon the invention set forth in the application to the assignee, its successors and assigns; and ~~we~~ 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.

~~We~~ We hereby authorize and request my attorneys SUGHRUE MION, PLLC of 2100 Pennsylvania Avenue, N.W., Washington, D.C. 20037-3213 to insert here in parentheses (Application number 10/875,572 , filed 6/25/2004) the filing date and application number of said application when known.

Date: August 26, 2004

Yuko Watanabe 
Yuko WATANABE

Koji Arai 
Koji ARAI

Seiji Narui 
Seiji NARUI

Witness:

Masaki Kawaguchi  