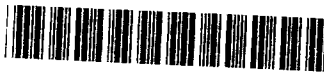


12-02-2004

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the attached original documents or copy thereof.

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Hiroki FUJISAWA  
  
Additional name(s) of conveying party(ies) attached?  Yes  No

2. Name and address of receiving party(ies):  
ELPIDA MEMORY, INC  
2-1, Yaesu 2- chome,  
Chuo-ku, Toyko,  
Japan  
  
Additional name(s) & address(es) attached?  Yes  No

17548 U.S. PTO  
10/994412  
112304

3. Nature of conveyance:  
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Execution Date: November 12, 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: November 12, 2004  
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7. Total fee (37 CFR 3.41): \$40.00  
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PATENT  
REEL: 016027 FRAME: 0400

# Assignment

Whereas, I/We, Hiroki FUJISAWA of Tokyo, Japan  
hereinafter called assignor(s), have invented certain improvements in  
SEMICONDUCTOR DEVICE

and executed an application for Letters Patent of the United States of America therefor on  
Nov. 12, 2004; 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: Nov. 12, 2004 Hiroki Fujisawa  
s/ Hiroki FUJISAWA

Date: \_\_\_\_\_  
s/

Witnesses:  
Date: Nov. 12, 2004 Masaki Kawaguchi (印)

Date: Nov. 12, 2004 [Signature]  
s/

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