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U.S. DEPARTMENT OF COMMERCE  
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103592554

to the Director of the United States Patent and Trademark Office

Documents or the new address(es) below.

**Name of conveying party(ies):**  
Hiroyuki UCHIYAMA

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

**Nature of conveyance/Execution Date(s):**  
Execution Date(s): February 23, 2010

Assignment  Merger  
 Security Agreement  Change of Name  
 Joint Research Agreement  
 Government Interest Assignment  
 Executive Order 9424, Confirmatory License  
 Other \_\_\_\_\_

**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) attached?  Yes  No

**Application or patent numbers(s):**  
A. Patent Application No. (s)  
12659563

Additional numbers attached?  Yes  No

This document is being filed together with a new application.  
B. Patent No.(s)

**Name and address to whom correspondence concerning document should be mailed:**  
Name: Sean M. McGinn, Esq.  
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**6. Total number of applications and patents involved:** 1

**7. Total fee (37 CFR 1.21(h) & 3.41) \$** 40.00

Authorized to be charged by credit card  
 Authorized to be charged to deposit account  
 Enclosed  
 None required (government interest not affecting title)

**8. Payment Information**

a. Credit Card Last 4 Numbers \_\_\_\_\_  
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b. Deposit Account Number 50-0481 (deficiencies only)  
Authorized User Name Sean M. McGinn

Signature:  Date: March 12, 2010

Sean M. McGinn, Esq.  
Name of Person Signing

Total number of pages including cover sheet, attachments, and document:

Documents to be recorded (including cover sheet) should be faxed to (571)273-0140, or mailed to: Mail Stop Assignment Recordation Services, Director of the USPTO, P.O. Box 1450, Alexandria, VA 22313-1450

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# ASSIGNMENT OF APPLICATION FOR PATENT

## WHEREAS

NAME AND ADDRESS  
OF ASSIGNOR

Hiroyuki UCHIYAMA of Tokyo, JAPAN

(HEREINAFTER REFERRED TO AS ASSIGNOR), have invented and own a certain new and useful invention entitled:

TITLE OF INVENTION:

SEMICONDUCTOR MEMORY DEVICE AND  
MANUFACTURING METHOD THEREOF

## WHEREAS

FULL NAME AND ADDRESS  
OF ASSIGNEE

Elpida Memory, Inc., 2-1, Yaesu 2-chome,  
Chuo-ku, Tokyo, Japan

(hereinafter referred to as ASSIGNEE), is desirous of acquiring the entire right, title, and interest in, to and under said invention and the United States Letters Patent to be obtained therefor:

*NOW THEREFORE, TO ALL WHOM IT MAY CONCERN:* Be it known that in consideration of the payment of ASSIGNEE to ASSIGNOR of the sum of One Dollar (\$1.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration, ASSIGNOR, by these presents, hereby sells, assigns and transfers to ASSIGNEE the entire and exclusive right, title and interest to said invention and all Letters Patent of the United States to be obtained therefor on said application or any continuation, division, renewal, substitute or reissue thereof for the full term or terms for which the same may be granted.

ASSIGNOR hereby authorizes and requests the Commissioner of Patents and Trademarks to issue said Letters Patent of the United States Patent obtained therefor on said application or any continuation, division, renewal, substitute or reissue thereof for the full term or terms to said ASSIGNEE, of the entire right, title, and interest in and to the same, for his sole use

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PATENT  
REEL: 024121 FRAME: 0265

and behoof, and for the use and behoof of his legal representatives, to the full end of the term or terms for which said Letters Patent obtained therefor on said application or any continuation, division, renewal, substitute or reissue thereof for may be granted, as full and entirely as the same would have been held by ASSIGNOR had this assignment and sale not been made.

ASSIGNOR hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment and sale;

ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said application, said invention and said Letters Patent as may be known and accessible to ASSIGNOR and will testify as to the same in any interference or litigation related thereto and will promptly execute and deliver to ASSIGNEE or its legal representative any and all papers, instruments or affidavits required to apply for, obtain, maintain and enforce said application, said invention and said Letters Patent which may be necessary or desirable to carry out the purposes hereof.

DATE OF SIGNING

IN WITNESS WHEREOF, I/We have hereunto set  
hand and seal this 23 day of Feb., 2010.

SIGNATURE

By: Hiroyuki Uchiyama  
Hiroyuki UCHIYAMA

SIGNATURE

By: \_\_\_\_\_

SIGNATURE

By: \_\_\_\_\_

WITNESSES

Steph J. ...

(Assignment of Application for Patent -- page 2 of 2)