



To the Director of the United States Patent and Trademark Office: Please record the attached documents or the new address(es) below.

1. Name of conveying party(ies):

Masanori YOSHIDA  
Katsumi SUGAWARA

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

Nature of conveyance/Execution Date(s):

Execution Date(s): April 6, 2010

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

Application or patent numbers(s):

A. Patent Application No. (s)

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

This document is being filed together with a new application.

B. Patent No.(s)

Additional numbers attached?  Yes  No

3. Name and address to whom correspondence concerning document should be mailed:

Name: Sean M. McGinn, Esq.

Registration No.: 34,386

Address: McGinn Intellectual Property Law Group, PLLC

8321 Old Courthouse Road

Suite 200

City: Vienna

State/Prov.: Virginia

Country: USA ZIP: 22182-3817

Phone Number: (703) 761-4100

Fax Number: (703) 761-2375 or 76

Email Address: \_\_\_\_\_

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 \_\_\_\_\_

Expiration Date \_\_\_\_\_

b. Deposit Account Number 50-0481 (deficiencies only)

Authorized User Name Sean M. McGinn, Esq.

9. Signature:

 #36,769  
Signature

April 7, 2010  
Date

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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PATENT

REEL: 024235 FRAME: 0647

220-1  
OSP-3  
US 5/6

**ASSIGNMENT OF APPLICATION FOR PATENT**

**WHEREAS**

NAME AND ADDRESS  
OF ASSIGNOR

Masanori YOSHIDA  
c/o Elpida Memory, Inc., 2-1, Yaesu 2-chome,  
Chuo-ku, Tokyo, Japan

Katsumi SUGAWARA  
c/o Elpida Memory, Inc., 2-1, Yaesu 2-chome,  
Chuo-ku, Tokyo, Japan

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

TITLE OF INVENTION: SUPPORTING SUBSTRATE BEFORE CUTTING, SEMICONDUCTOR DI  
AND METHOD OF FORMING SEMICONDUCTOR DEVICE

**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 (Assignment of Application for Patent -- page 1 of 2) right, title, and interest in and to the same, for his sole use 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 6th day of April, 2010.

SIGNATURE

By: Masanori Yoshida   
Masanori YOSHIDA

SIGNATURE

By: Katsumi Sugawara   
Katsumi SUGAWARA

WITNESSES

[Signature]  
[Signature]

# PATENTS ONLY

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 B. Patent No.(s)

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Additional numbers attached?  Yes  No

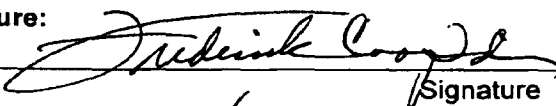
**i. Name and address to whom correspondence concerning document should be mailed:**  
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 Address: McGinn Intellectual Property Law Group, PLLC  
8321 Old Courthouse Road  
Suite 200  
 City: Vienna  
 State/Prov.: Virginia  
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