

U.S. PTO RE

11-05-2009

U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office

12/588760

10/27/2009



10.27.09

To the Director of the United States Patent and Trademark Office

103579764

1 document or the new address(es) below

## 1. Name of conveying party(ies):

Hiromasa NODA  
Kenji YOSHIDA

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

Name: ELPIDA MEMORY, INC.Address: 2-1, Yaesu 2-chome, Chuo-ku

Additional names(s) of conveying party(ies)

☐ Yes ☒ No

## i. Nature of conveyance/Execution Date(s):

Execution Date(s): October 19, 2009

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

City: Tokyo

State/Prov.: \_\_\_\_\_

Country: Japan

ZIP: \_\_\_\_\_

Additional name(s) &amp; address(es)

☐ Yes ☒ No

## . Application or patent numbers(s):

A. Patent Application No. (s)

12588760

☒ This document is being filed together with a new application

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

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

Name: Sean M. McGinn, Esq.Registration No.: 34,386Address: McGinn Intellectual Property Law Group, PLLC1321 Old Courthouse RoadSuite 200City: ViennaState/Prov.: VirginiaCountry: U.S.A. ZIP: 22182-3817Phone Number: 703-761-4100Fax Number: 703-761-2375Email Address: admin@mcginniplaw.com6. Total number of applications and patents involved: One7. 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

Signature:

Signature

October 27, 2009

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: 023475 FRAME: 0272

# **ASSIGNMENT OF APPLICATION FOR PATENT**

## **WHEREAS**

NAME AND ADDRESS  
OF ASSIGNOR

Hiromasa NODA and Kenji YOSHIDA of  
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:

SEMICONDUCTOR DEVICE, INTERNAL CIRCUIT CONTROL  
SIGNAL MEASUREMENT CIRCUIT, AND DELAY TIME  
MEASUREMENT METHOD

## **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  
(Assignment of Application for Patent -- page 1 of 2)

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 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 19th day of October, 2009.

SIGNATURE

By: Hiromasa Noda 

SIGNATURE

By: Kenji Yoshida   
Kenji YOSHIDA

SIGNATURE

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

SIGNATURE

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

SIGNATURE

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

SIGNATURE

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

WITNESSES

[Signature]  
[Signature]

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

PATENT

REEL: 023475 FRAME: 0274

## RECORDATION FORM COVER SHEET

U.S. DEPARTMENT OF COMMERCE

Patent and Trademark Office

## PATENTS ONLY

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Kenji YOSHIDA

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FILE COPY

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PATENT

RECORDED: 10/27/2009

REEL: 023475 FRAME: 0275