

09-12-2008

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Patent and Trademark Office



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To the Director of the United States Patent and Trademark Office, Washington, DC 20503, and to the appropriate Patent Office in the country of origin of the documents or the new address(es) below

1. Name of conveying party(ies):

- 1) Kiyonori OYU
- 2) Yoshihiro TAKAISHI
- 3) Yu KOSUGE

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

Nature of conveyance/Execution Date(s):

Execution Date(s): August 21, 2008

- ☒ 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: 104-0028

Additional name(s) & address(es) ☐ Yes ☒ No

3. Application or patent numbers(s):

A. Patent Application No. (s)

☒ This document is being filed together with a new application

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

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

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6. Total number of applications and patents involved: One

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)

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Authorized User Name Sean M. McGinn

9. Signature:

Signature

Sean M. McGinn, Esq.

Name of Person Signing

September 2, 2008

Date

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PATENT
REEL: 021519 FRAME: 0833

ASSIGNMENT OF APPLICATION FOR PATENT

WHEREAS

NAME AND ADDRESS
OF ASSIGNOR

Kiyonori OYU, Yoshihiro TAKAISHI and Yu KOSUGE,
all of Tokyo, Japan

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

TITLE OF INVENTION:

SEMICONDUCTOR DEVICE HAVING VERTICAL MOS
TRANSISTOR AND METHOD FOR MANUFACTURING
THE SEMICONDUCTOR DEVICE

WHEREAS

FULL NAME AND ADDRESS
OF ASSIGNEE

ELPIDA MEMORY, INC.

2-1, Yaesu 2-chome, Chuo-ku, Tokyo 104-0028 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

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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 21st day of August, 2008.

SIGNATURE

By: Kiyonori Oyu 
Kiyonori OYU

SIGNATURE

By: Yoshihiro Takaishi 
Yoshihiro TAKAISHI

SIGNATURE

By: Yu Kosuge 
YU KOSUGE

WITNESSES

Shinpei Iijima
[Signature]

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

PATENT

RECORDED: 09/02/2008

REEL: 021519 FRAME: 0835