

U.S. PTO  
12/461858  
08/26/2009

09-03-2009



Docket No.: KFP-09005-US

U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office

103572747

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):

Kazuhiko KAJIGAYA

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

Nature of conveyance/Execution Date(s):

Execution Date(s): August 20, 2009

- ☒ 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) attached? ☐ Yes ☒ No

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

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:

Signature

August 26, 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

08/27/2009 SZEWDIE1 00000007 500401 12461858

01 FC:0021

PATENT

40.00 0P

REEL: 023174 FRAME: 0422

# ASSIGNMENT OF APPLICATION FOR PATENT

## WHEREAS

NAME AND ADDRESS  
OF ASSIGNOR

Kazuhiko KAJIGAYA of c/o Elpida Memory Inc., 2-1, Yaesu 2-  
chome, Chuo-ku, Tokyo 104-0028 JAPAN

TITLE OF INVENTION:

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

**SENSE AMPLIFIER CIRCUIT AND SEMICONDUCTOR  
MEMORY DEVICE**

## WHEREAS

FULL NAME AND  
ADDRESS OF ASSIGNEE

Elpida Memory Inc. , a corporation organized and existing  
under the laws of Japan, having a place of business at 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

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 20 day of August, 2009.

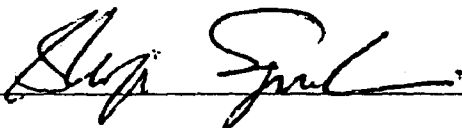
SIGNATURE

By: Kazuhiko KAJIGAYA   
Kazuhiko KAJIGAYA

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

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

WITNESSES



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

**PATENTS ONLY**

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):**

Kazuhiko KAJIGAYA

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

**1. Nature of conveyance/Execution Date(s):**

Execution Date(s): August 20, 2009

- ☒ 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-kuCity: Tokyo

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

Country: JAPAN ZIP: 104-0028

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

**1. 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

**FILE COPY****3. 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, PLLC8321 Old Courthouse RoadSuite 200City: ViennaState/Prov.: VirginiaCountry: USA ZIP: 22182-3817Phone Number: (703) 761-4100Fax 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:**


Signature

August 26, 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 1460, Alexandria, VA 22313-1460

**PATENT****RECORDED: 08/26/2009****REEL: 023174 FRAME: 0425**