U.S. PTO 12/385958

FORM PTO-1595 (Modified)

Docket No.: ELP08017US

U.S. DEPARTMENT OF COMMER

05-06-2009

Patent and Trademark Off

☐ Yes

X No

103559186

☐ Yes 🖾 No

ittached documents or the new address(es) belov address of receiving party(ies):

Name: Elpida Memory, Inc. Address: 2-1, Yaesu 2-chome, Chuo-ku City: Tokyo State/Prov.: ZIP: Country: Japan

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

☐ Change of Name

☑ This document is being filed together with a new application

B. Patent No.(s)

Additional name(s) & address(es)

☐ Yes 🖾 No

A	idditional numbers attach
i. Name and address to whom correspon	dence
concerning document should be mailed:	i ;

Name: Sean M. McGinn, Esq.

Registration No.: 34,386 Address: McGinn Intellectual Property Law Group, PLLC

8321 Old Courthouse Road

Suite 200

(Rev. 12-05)

OMB No. 0651-0027 (exp.1/31/2009)

To the Director of the United States Patent

1. Name of conveying party(ies): Nobuyuki FUKUSHIMA

Additional names(s) of conveying party(ies)

Execution Date(s): April 2, 2009

☐ Joint Research Agreement

☐ Government Interest Assignment

□ Other

☐ Security Agreement

3. Nature of conveyance/Execution Date(s):

☐ Executive Order 9424, Confirmatory License

City: Vienna

. Signature:

State/Prov.: Virginia

Country: U.S.A.

Phone Number: (703) 761-4100

Fax Number: (703) 761-2375 or (703) 761-2376

Email Address: admin@mcginniplaw.com

6. Total number of applications and patents involved:

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
- ☐ None required (government interest not affecting title)

8. Payment Information

Last 4 Numbers a. Credit Card

Expiration Date

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

April 24, 2009 Date

Authorized User Name

Sean M. McGinn

Sean M. McGinn, Esq.

Name of Person Signing

ZIP: 22182-3817

Total number of pages including cover

04/27/2009 ADAM BY ACTUALITY AND PROPERTY

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 1950, Alexandria, VA 22313-1450

40.00 OP

PATENT

REEL: 022644 FRAME: 0057

ASSIGNMENT OF APPLICATION FOR PATENT

WHEREAS

NAME AND ADDRESS OF ASSIGNOR

Nobuyuki FUKUSHIMA of Tokyo, JAPAN

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

TITLE OF INVENTION:

CURRENT SENSING CIRCUIT AND SEMICONDUCTOR MEMORY DEVICE INCLUDING THE SAME

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

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

PATENT REEL: 022644 FRAME: 0058 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 2 day of Apr, 200 9	
SIGNATURE	By: <u>Polityiki Fukushina</u> Nobuyuki FUKUSHIMA	
SIGNATURE	By:	
SIGNATURE	By:	

WITNESSES

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

Docket No.: ELP08017US

FORM PTO-1595 (Modified)· (Rev. 12-05) OMB No. 0651-0027 (exp. 1/31/2009) P08A/REV05

RECORDATION FORM COVER SHEET

U.S. DEPARTMENT OF COMMEI
Patent and Trademark O

PATENTS ONLY

To the Director of the United States Patent and Trade	mark Office: Please record the attached documents or the new address(es) belo
1. Name of conveying party(ies): Nobuyuki FUKUSHIMA	2. Name and address of receiving party(ies):
·	Name: Elpida Memory, Inc.
	Address: 2-1, Yaesu 2-chome, Chuo-ku
	es Ⅺ No
3. Nature of conveyance/Execution Date(s):	
Execution Date(s): April 2, 2009	
	City: Tokyo
• •	of Name State/Prov.;
Joint Research Agreement	Country: Japan ZIP:
Government Interest Assignment	
Executive Order 9424, Confirmatory License	
Other	Additional name(s) & address(es)
I. Application or patent numbers(s):	This document is being filed together with a new application
A. Patent Application No. (s)	B. Patent No.(s)
Addition 5. Name and address to whom correspondence concerning document should be mailed:	al numbers attached?
Name: Sean M. McGinn, Esq.	
Registration No.: 34,386	7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00
Address: McGinn Intellectual Property Law Grou	p, PLLC
8321 Old Courthouse Road	Authorized to be charged by credit card Authorized to be charged to deposit account
Suite 200	· · · · · · · · · · · · · · · · · · ·
City: Vienna	□ None required (government interest not affecting title)
State/Prov.: Virginia	8. Payment Information
Country: U.S.A. ZIP: 22182-38	a. Credit Card Last 4 Numbers
Phone Number: (703) 761-4100	Expiration Date
Fax Number: (703) 761-2375 or (703) 761-2376	b. Deposit Account Number 50-0481 (deficiencies only)
Email Address: admin@mcginniplaw.com	Authorized User Name Sean M. McGinn
Signature:	
Sean M. McGinn	Total number of pages including cover
Name of Person S	Signing 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

RECORDED: 04/24/2009

PATENT REEL: 022644 FRAME: 0060