ORM PTO-1595 (Modified) lev. 03-09) MB No. 0651-0027 (exp.3/31/2009) J8A/REV06 U.S. PTO 12/662958 05/13/2010 05-21-2010



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Docket No.: OSP-32855
U.S. DEPARTMENT OF COMMERC

Patent and Trademark Offic

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To the Director of the United States	s Patent and Trademark Cinco.		(es) below
I. Name of conveying party(ies):		2. Name and address of receiving party(ies):	
1) Hiro NISHI		M	
2) Eiichirou KAKEHASHI		Name: Elpida Memory, Inc.	
		Address: 2-1, Yaesu 2-chome, Chuo-ku	
Additional names(s) of conveying party	/(ies) ☐ Yes ☒ No		
. Nature of conveyance/Execu	• •		
Execution Date(s): May 12, 20	10		
	Merger	City: Tokyo	
☐ Security Agreement	Change of Name	State/Prov.:	
Joint Research Agreement		Country: Japan ZIP:	
Government Interest Assignment			·
☐ Executive Order 9424, Confi	rmatory License		
Other		Additional name(s) & address(es) attached?   ☐ Yes	No R
. Application or patent number	rs(s):	☑ This document is being filed together with a new a	pplication
A. Patent Application No. (s)		B. Patent No.(s)	
			•
	Additional numbers atta	ached?	
. Name and address to whom correspondence concerning document should be mailed:		6. Total number of applications and patents involved:1	
Name: Sean M. McGinn, Esq.		7 Total for (27 OFD 4 04/5) 9 9 44) 9 40 00	
Registration No.: 34,386		7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00	
Address: McGinn Intellectual Property Law Group, PLLC		Authorized to be about the street	
3321 Old Courthouse Road		Authorized to be charged by credit card	
Suite 200		M Authorized to be charged to deposit assount	
City: Vienna		⊠ Authorized to be charged to deposit account	
City: Vienna		⊠ Enclosed	ting title)
		<ul><li>☑ Enclosed</li><li>☐ None required (government interest not affect</li></ul>	ting title)
State/Prov.: Virginia	ZIP: 22182-3817	<ul> <li>☑ Enclosed</li> <li>☑ None required (government interest not affect</li> <li>8. Payment Information</li> </ul>	ting title)
State/Prov.: <u>Virginia</u> Country: <u>USA</u>	ZIP: 22182-3817	<ul> <li>☑ Enclosed</li> <li>☑ None required (government interest not affect</li> <li>8. Payment Information</li> <li>a. Credit Card Last 4 Numbers</li> </ul>	ting title)
State/Prov.: Virginia Country: USA Phone Number: 703-761-4100		<ul> <li>☑ Enclosed</li> <li>☑ None required (government interest not affect</li> <li>8. Payment Information</li> <li>a. Credit Card Last 4 Numbers</li> <li>Expiration Date</li> </ul>	
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Mail Stop Assignment Recordation Services, Director of the USPTO, P.O. Box 1450, Alexandria, VA 22313-1450

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PATENT | REEL: 024419 FRAME: 0624

## ASSIGNMENT OF APPLICATION FOR PATENT

WHEREAS

NAME AND ADDRESS OF ASSIGNOR

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

Eiichirou KAKEHASHI 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 AND METHOD OF FORMING 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:

Вe

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

PATENT REEL: 024419 FRAME: 0625

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 12th day of May, 2010.

SIGNATURE

SIGNATURE

<u>witnesses</u>

Hiro Kakehashi

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

**PATENT** REEL: 024419 FRAME: 0626

Docket No.: OSP-32855

**ORM PTO-1595 (Modified)** lev. 03-09) MB No. 0651-0027 (exp.3/31/2009) D8A/REV06

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**RECORDED: 05/13/2010** 

## RECORDATION FORM COVER SHEET

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## **PATENTS ONLY**

To the Director of the United States Patent and Trademark Office: F	Please record the attached documents or the new address(es) below	
1. Name of conveying party(ies): 1) Hiro NISHI	2. Name and address of receiving party(ies):  Name: Elpida Memory, Inc.	
2) Eiichirou KAKEHASHI		
	Address: 2-1, Yaesu 2-chome, Chuo-ku	
Additional names(s) of conveying party(ies)  Nature of conveyance/Execution Date(s):		
Execution Date(s): May 12, 2010		
✓ Assignment	City: Tokyo	
☐ Security Agreement ☐ Change of Name	State/Prov.:	
☐ Joint Research Agreement	Country: Japan ZIP:	
☐ Government Interest Assignment		
Executive Order 9424, Confirmatory License		
Other	Additional name(s) & address(es) attached?   Yes   No	
	This document is being filed together with a new application	
A. Patent Application No. (s)	B. Patent No.(s)	
Additional numbers atta  i. Name and address to whom correspondence concerning document should be mailed:  Name: Sean M. McGinn, Esq.	DUPLICATE  ched?	
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Email Address: admin@mcginniplaw.com	Authorized User Name Sean M. McGinn	
Signature: Signature	May 13, 2010 Date	
Sean M. McGinn, Esq.	Total number of pages including cover	
Name of Person Signing  Documents to be recorded (Including cover sh	sheet, attachments, and document:	
	sneet, attachments, and document: L  eet) should be faxed to (571)273-0140, or mailed to: r of the USPTO, P.O. Box 1450, Alexandria, VA 22313-1450	

**PATENT REEL: 024419 FRAME: 0627**