U.S. PTO Docket No.: OSP-28228 12-23-2008 12/314494 U.S. DEPARTMENT OF COMMERC ORM PTO-1595 (Modified) Rev. 03-01) Patent and Trademark Offic 12/11/2008 DMB No. 0651-0027 (exp.5/31/2002) 208A/REV04 103540830 Tab settings → → To the Director of the United States Patent and Trademark Office: Please record the attached documents or the new address(es) below 2. Name and address of receiving party(ies): 1. Name of conveying party(ies): Kazuomi WAKIMOTO Name: Elpida Memory, Inc. Address: 2-1, Yaesu 2-chome, Chuo-ku, Yes No Additional names(s) of conveying party(ies) i. Nature of conveyance/Execution Date(s): Execution Date(s): December 3, 2008 City: Tokyo ☐ Merger Assignment ☐ 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) ☐ Yes ⊠ No . Application or patent numbers(s): This document is being filed together with a new application A. Patent Application No. (s) B. Patent No.(s) ☐ Yes 🛛 No Additional numbers attached? i. Name and address to whom correspondence 6. Total number of applications and patents concerning document should be mailed: involved: Name: Sean M. McGinn, Esq. 7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00 Registration No.: 34,386 Authorized to be charged by credit card Address: McGinn Intellectual Property Law Group, PLLC Authorized to be charged to deposit account 8321 Old Courthouse Road ☑ Enclosed Suite 200 ☐ None required (government interest not affecting title) City: Vienna 8. Payment Information State/Prov.: Virginia a. Credit Card Last 4 Numbers ZIP: 22182-3817 Country: U.S.A. Expiration Date Phone Number: (703) 761-4100 b. Deposit Account Number 50-0481 (deficiencies only) Fax Number: (703) 761-2375 or (703) 761-2376

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.Ø. Box 1450, Alexandria, VA 22313-1450

Signature

Sean M. McGinn, Esq.

Name of Person Signing

Email Address: admin@mcginniplaw.com

. Signature:

12/12/2008 AWONDAF1 00008025 12314494

04 FC:8021

Authorized User Name

40.00 OP

December 11, 2008

Date

Sean M. McGinn

Total number of pages including cover

sheet, attachments, and document:

ASSIGNMENT OF APPLICATION FOR PATENT

WHEREAS

NAME AND ADDRESS OF ASSIGNOR

Kazuomi WAKIMOTO 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 STORAGE DEVICE HAVING REDUNDANCY AR

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

PATENT REEL: 022029 FRAME: 0197 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 ____ day of _____, 2008.

SIGNATURE

WITNESSES

PATENT

REEL: 022029 FRAME: 0198

ORM PTO-1595 (Modified) Rev. 03-01) JMB No. 0651-0027 (exp.5/31/2002) IOBA/REV04

RECORDATION FORM COVER SHEET

U.S. DEPARTMENT OF COMMER Patent and Trademark Of

Docket No.: OSP-28228

PATENTS ONLY

Tab settings → → ▼ ▼	<u> </u>
To the Director of the United States Patent and Trademark Office: P	
1. Name of conveying party(les): Kazuomi WAKIMOTO	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)	
. Nature of conveyance/Execution Date(s):	
Execution Date(s): December 3, 2008	
	City: Tokyo
☐ Security Agreement ☐ Change of Name	State/Prov.:
☐ Joint Research Agreement☐ Government Interest Assignment☐	Country: Japan ZIP:
Executive Order 9424, Confirmatory License	
☐ Other	Additional name(s) & address(es)
. Application or patent numbers(s):	This document is being filed together with a new applicatio
A. Patent Application No. (s)	B. Patent No.(s)
Additional numbers attacks. Name and address to whom correspondence	ched? Yes No 6. Total number of applications and patents
concerning document should be mailed:	involved: 1
Name: Sean M. McGinn, Esq.	7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00
Registration No.: 34,386	☐ Authorized to be charged by credit card ☐ Authorized to be charged to deposit account ☐ Enclosed
Address: McGinn Intellectual Property Law Group, PLLC	
8321 Old Courthouse Road	
Suite 200	☐ None required (government interest not affecting title)
City: Vienna	8. Payment Information
State/Prov.: Virginia	a. Credit Card Last 4 Numbers
Country: U.S.A. ZIP: 22182-3817	Expiration Date
Phone Number: (703) 761-4100	b. Deposit Account Number 50-0481 (deficiencies only)
Fax Number: (703) 761-2375 or (703) 761-2376	Authorized User Name Sean M. McGinn
Email Address: admin@mcginniplaw.com	
. Signature:	December 11, 2008
Signature	Date
Sean M. McGinn, Esq.	,

Mail Stop Assignment Recordation Services, Director of the USPTO, P.O. Box 1450, Alexandria, VA 22313-1450

RECORDED: 12/11/2008

PATENT REEL: 022029 FRAME: 0199