	07-2010 Docket No.: WN-3388
DRM PTO-1595 (Modified) U.S. PTO F lev. #2-05) MB No. 0651-0027 (exp.1/31/2009) 12/801151 Image: Control of the second se	U.S. DEPARTMENT OF COMMER Patent and Trademark Of 598859
To the Director of the United States Patent and Haveman Onice.	nease record the attached documents or the new address(es) below
I. Name of conveying party(ies): 1) Shingo TAJIMA	2. Name and address of receiving party(les):
2) Hiromasa TAKEDA	Name: Elpida Memory, Inc.
3) Shotaro KOBAYASHI	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 7, 2010	City: Tokyo
Assignment Merger	
 Security Agreement Joint Research Agreement 	
Government Interest Assignment	Country: Japan ZIP:
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)
Additional numbers atta	
Additional numbers atta Name and address to whom correspondence oncerning document should be mailed:	ached?
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Name and address to whom correspondence oncerning document should be mailed: Jame: Sean M. McGinn, Esq.	6. Total number of applications and patents involved: 1 7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00
Name and address to whom correspondence oncerning document should be mailed: Jame: Sean M. McGinn, Esq. Registration No.: 34,386	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
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Name and address to whom correspondence oncerning document should be mailed: Jame: Sean M. McGinn, Esq. Registration No.: 34,386 vddress: McGinn Intellectual Property Law Group, PLLC 321 Old Courthouse Road	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 May 25, 2010 Date Total number of pages including cover sheet, attachments, and document:

REEL: 024490 FRAME: 0661

ASSIGNMENT OF APPLICATION FOR PATENT

WHEREAS

Shingo TAJIMA, Hiromasa TAKEDA and Shotaro KOBAYASHI of

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

NAME AND ADDRESS OF ASSIGNOR

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

TITLE OF INVENTION:

SEMICONDUCTOR DEVICE WITH A SELECTION CIRCUIT SELECTING A SPECIFIC PAD

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

> PATENT REEL: 024490 FRAME: 0662

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 <u>7th</u> day of <u>May</u>, 2010.

SIGNATURE SIGNATURE SIGNATURE SIGNATURE SIGNATURE SIGNATURE WITNESSES

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PATENT REEL: 024490 FRAME: 0663

RECORDED: 05/25/2010