# 10/31/2011

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U.S. DEPARTMENT OF COMMERC

Docket No.: ELP10155US

# Patent and Trademark Offic

Please record the attached documents or the new address(es) below
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:  Additional name(s) & address(es) attached? □ Yes ☒ No
This document is being filed together with a new application  B. Patent No.(s)  ched?  Yes  No
6. Total number of applications and patents involved:
7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00
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October 24, 2011

10/25/2011 JADDO1

05 FC:8021

**REEL: 027280 FRAME: 0509** 

## ASSIGNMENT OF APPLICATION FOR PATENT

#### WHEREAS

NAME AND ADDRESS OF ASSIGNOR

Hiroki FUJISAWA and Yuuji MOTOYAMA of Tokyo, JAPAN

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

TITLE OF INVENTION:

SEMICONDUCTOR DEVICE HAVING POINT-SHIFT TYPE FIFO CIRCUIT

### 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

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

PATENT REEL: 027280 FRAME: 0510 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 $28$ day of $09$ , $20//$
SIGNATURE	By: Hiroki Figuraic Hiroki FUJISAWA
SIGNATURE	By: Jury Motogaing Yuuji MOTOYAMA
SIGNATURE	By:
SIGNATURE	By:
WITNESSES	Shoji EQUCHI

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

**RECORDED: 10/24/2011**