

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Toru ISHIKAWA	09/06/2010
RECEIVING PARTY DATA	
Name:	Elpida Memory, Inc.
Street Address:	2-1, Yaesu 2-Chome
City:	Chuo-ku, Tokyo
State/Country:	JAPAN
Postal Code:	104-0028
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	12880730
CORRESPONDENCE DATA	
Fax Number:	(703)760-7777
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
Phone:	703-760-7389
Email:	cbrink@mofo.com
Correspondent Name:	Christopher W. Ferguson
Address Line 1:	C/O Morrison & Foerster LLP
Address Line 2:	1650 Tysons BLVD Suite 400
Address Line 4:	McLean, VIRGINIA 22102
ATTORNEY DOCKET NUMBER:	653412003800
NAME OF SUBMITTER:	Christopher W. Ferguson
Total Attachments: 2 source=Assignment#page1.tif source=Assignment#page2.tif	

CH \$40.00 12880730

501291089

PATENT
REEL: 024989 FRAME: 0773

057-33180
05 33 12

MORRISON & FOERSTER_{LLP}

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the undersigned hereby assign, transfer and set over to:

Elpida Memory, Inc. of 2-1, Yaesu 2-chome, Chuo-ku, Tokyo, Japan

(hereinafter designated as the "ASSIGNEE"), its successors and assigns, the entire right, title, and interest for the United States in the invention, and all applications for patent and any Letters Patent which may be granted therefore, including said application, and all United States Letters Patent which may be granted thereof, and all divisions, reissues, continuations and extensions thereof, the said interest being the entire ownership of said Letters Patent when granted to be held by said ASSIGNEE, its successors, assigns or their legal representatives, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been and enjoyed by Assignors if this assignment had not been made, the application being known by the title:

SEMICONDUCTOR DEVICE

Attorney Docket No.: 653412003800

for which the undersigned has/have executed an application for patent in the United States of America on the same day herewith. Where this instrument is not filed concurrently with the application, the following identifying information may be added after execution:

Serial No.: 12/880,730

Filing Date: September 13, 2010

1. The undersigned hereby agree to sign and execute any further documents and instruments which may be necessary, lawful and proper in the prosecution of said above-named application or in the preparation and prosecution of any continuing, continuation-in-part, substitute, divisional, renewal, reexamination or reissue application or in any amendments, extension of interference proceedings, or otherwise to secure the title thereto to the ASSIGNEE.

2. The undersigned agree to execute all papers and documents and perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property of similar agreements.

3. The undersigned agree to perform all affirmative acts which may be necessary to obtain a grant of a valid United States patent to the ASSIGNEE.

4. The undersigned hereby authorize and request the Commissioner of Patents in the United States to issue any and all Letters Patent

resulting from said application or any division or divisions or continuing applications thereof to the said ASSIGNEE.

5. The undersigned hereby grant to the firm of Morrison & Foerster LLP the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

IN WITNESS WHEREBY, executed by the undersigned on the dates opposite the undersigned names.

September 6, 2010

Date _____

Tom Ashken

Typed Name: Toru ISHIKAWA

Date _____

Typed Name: