

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT								
NATURE OF CONVEYANCE:	ASSIGNMENT								
CONVEYING PARTY DATA									
<table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>Shinya OKUNO</td><td>03/15/2010</td></tr><tr><td>Kiyohiro FURUTANI</td><td>03/15/2010</td></tr></tbody></table>	Name	Execution Date	Shinya OKUNO	03/15/2010	Kiyohiro FURUTANI	03/15/2010			
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RECEIVING PARTY DATA									
<table border="1"><tr><td>Name:</td><td>Elpida Memory, Inc.</td></tr><tr><td>Street Address:</td><td>2-1, Yaesu 2-chome, Chuo-ku</td></tr><tr><td>City:</td><td>Tokyo</td></tr><tr><td>State/Country:</td><td>JAPAN</td></tr></table>	Name:	Elpida Memory, Inc.	Street Address:	2-1, Yaesu 2-chome, Chuo-ku	City:	Tokyo	State/Country:	JAPAN	
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PROPERTY NUMBERS Total: 1									
<table border="1"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Application Number:</td><td>12753582</td></tr></tbody></table>	Property Type	Number	Application Number:	12753582					
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Application Number:	12753582								
CORRESPONDENCE DATA									
Fax Number: (703)760-7777 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>									
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ATTORNEY DOCKET NUMBER:	653412002800								
NAME OF SUBMITTER:	Christopher W. Ferguson								
Total Attachments: 2 source=653412002800Assign#page1.tif source=653412002800Assign#page2.tif									

CH \$40.00 12753582

MORRISON & FOERSTER_{LLP}

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the undersigned hereby assigns, transfers and sets over to:

**Elpida Memory, Inc., 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 Assignor(s) if this assignment had not been made, the application being known by the title:

SEMICONDUCTOR DEVICE

Attorney Docket No.: 653412002800

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.: 12/753,582

Filing Date: April 2, 2010

1. The undersigned hereby agree(s) 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(s) 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(s) 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(s) and request(s) 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(s) 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 date(s) opposite the undersigned name(s).

15/Mar/2010
Date

Shinya Okuno 
Name: Shinya OKUNO

15/Mar/2010
Date

Kiyohiro Furutani 
Name: Kiyohiro FURUTANI

Date

Name:

Date

Name:

Date

Name:

Date

Name: