# 502163738 12/14/2012

## PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
Koji TANIGUCHI	11/27/2012

## **RECEIVING PARTY DATA**

Name:	Elpida Memory, Inc.	
Street Address:	2-1, Yaesu 2-chome	
Internal Address:	Chuo-ku	
City:	Tokyo	
State/Country:	JAPAN	

## PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13715143

#### **CORRESPONDENCE DATA**

**Fax Number**: 7036850573

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Phone: 7035212297

Email: yreynolds@young-thompson.com

Correspondent Name: YOUNG & THOMPSON Address Line 1: 209 Madison Street

Address Line 2: Suite 500

Address Line 4: Alexandria, VIRGINIA 22314

ATTORNEY DOCKET NUMBER:	8040-1176
NAME OF SUBMITTER:	Eric Jensen
	This document serves as an Oath/Declaration (37 CFR 1.63).

Total Attachments: 1 source=ASSMT#page1.tif

PATENT REEL: 029473 FRAME: 0040

## ASSIGNMENT AND INVENTOR'S DECLARATION

WHEREAS I/we, the undersigned inventor(s), hereafter also referred to as "assignor(s)", have invented certain new and useful improvements described in the application identified below; and

WHEREAS, <u>Elpida Memory</u>, <u>Inc.</u>, hereinafter referred to as "assignee(s)", whose address is <u>2-1</u>, <u>Yaesu</u> <u>2-chome</u>, <u>Chuo-ku</u>, <u>Tokyo</u>, <u>Japan</u>, is desirous of acquiring the entire right, title and interest in and to the application and invention, and to any United States patents to be obtained therefor;

NOW, THEREFORE, for valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I/we, the above-named assignor(s), hereby sell, assign and transfer to the above named assignee(s), its successors and assigns, the entire right, title and interest in the application and the invention disclosed therein for the United States of America, including all divisions, and continuations thereof, and all Letters Patent of the United States that may be granted thereon, and all reissues thereof, including any right to bring or maintain an action for infringement under the provisional rights granted pursuant to Title 35, Section 154 of the United States Code or any other cause of action for acts which would constitute infringement occurring prior to this assignment, and including the right to claim priority under the International Convention of Paris (1883), as amended, of or in any corresponding foreign patent application, and I/we request the Director of the U.S. Patent and Trademark Office to issue any Letters Patent granted upon the invention set forth in the application to the assignee(s), its successors and assigns.

As a below named inventor, I h	ereby d	eclare that:
This assignment and declaratio is directed to:	n 🗵	The attached application, or
	X	United States Application or PCT International Application Number 13/715,143 filed on (Confirmation No).
	De	ecember 14, 2012
The application is entitled: ME	THOD	OF MANUFACTURING SEMICONDUCTOR DEVICE

The above-identified application was made or was authorized to be made by me.

I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.

I hereby acknowledge that any willful false statement made in this assignment with declaration is punishable under 18 USC 1001 by fine or imprisonment of not more than five (5) years, or both.

Given Name(s) Koji	Family Name/Surname TANIGUCHI	
Inventor's Koji Tanianchi	Date November 27, 2012	
Given Name(s)	Family Name/Surname	
Inventor's signature	Date	
Given Name(s)	Family Name/Surname	
Inventor's signature	Date	
Given Name(s)	Family Name/Surname	
Inventor's signature	Date	

PATENT REEL: 029473 FRAME: 0041

**RECORDED: 12/14/2012**