

## PATENT ASSIGNMENT COVER SHEET

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
YOSHIRO RIHO	05/19/2014
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<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	14168899
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<b>NAME OF SUBMITTER:</b>	KIMTON N. ENG
<b>SIGNATURE:</b>	/Kimton N. Eng/
<b>DATE SIGNED:</b>	05/20/2014
<b>Total Attachments: 1</b>	
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ASSIGNMENT

WHEREAS, I, Yoshiro Riho (hereinafter referred to as ASSIGNOR), having a post office address of Dept. of Electrical Engineering and Computer Science, Nagoya University, Nagoya 464-8603, Japan, am the named inventor on a patent application entitled "PARTIAL ACCESS MODE FOR DYNAMIC RANDOM ACCESS MEMORY," filed on January 30, 2014 and assigned Application No. 14/168,899;

WHEREAS, Elpida Memory, Inc. (hereinafter referred to as ASSIGNEE), having a place of business at 3-1-35 Minamihashimoto, Chuo-ku, Sagamihara, Kanagawa, 252-5297 Japan, is desirous of acquiring the entire right, title and interest in and to the inventions described in the application, and in and to any patent that may be granted therefor in the United States and in any and all foreign countries;

NOW, THEREFORE, in exchange for good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR hereby sells, assigns and transfers unto said ASSIGNEE, the entire right, title and interest in and to said inventions, said application and any and all patents which may be granted for said invention in the United States of America and its territorial possessions and in any and all foreign countries, and in any and all divisions, continuations, reexaminations, reissues, continuations-in-part thereof, and any applications claiming priority to the application or to which the application claims priority, including the right to file foreign applications directly in the name of ASSIGNEE and to claim priority to the application in any subsequent United States for foreign application to which priority said foreign applications are entitled by virtue of international convention, treaty or otherwise, said inventions, applications, and all patents on said inventions to be held and enjoyed by ASSIGNEE and its successors and assigns for their use and benefit and of their successors and assigns as fully and entirely as the same would have been held and enjoyed by ASSIGNOR had this assignment, transfer and sale not been made. ASSIGNOR hereby authorizes and requests the Commissioner for Patents and Trademarks to issue all patents on said inventions to ASSIGNEE. ASSIGNOR agrees to execute all instruments and documents required for the making and prosecution of applications for United States and foreign patents on said inventions, for litigation regarding said patents, or for the purpose of protecting title to said inventions or patents therefor.

Signature: Yoshiro Riho

Date: 5/19/14

Assignor Name: Yoshiro Riho