

PATENT ASSIGNMENT

Electronic Version v1.1
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SUBMISSION TYPE:	NEW ASSIGNMENT								
NATURE OF CONVEYANCE:	ASSIGNMENT								
CONVEYING PARTY DATA									
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th style="width: 70%;">Name</th> <th style="width: 30%;">Execution Date</th> </tr> <tr> <td>Hiroyuki FUJIMOTO</td> <td>07/28/2010</td> </tr> <tr> <td>Shinpei IJIMA</td> <td>07/28/2010</td> </tr> </table>		Name	Execution Date	Hiroyuki FUJIMOTO	07/28/2010	Shinpei IJIMA	07/28/2010		
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RECEIVING PARTY DATA									
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;">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									
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CORRESPONDENCE DATA									
<p>Fax Number: (703)685-0573</p> <p><i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 7035212297</p> <p>Email: yreynolds@young-thompson.com</p> <p>Correspondent Name: YOUNG & THOMPSON</p> <p>Address Line 1: 209 Madison Street</p> <p>Address Line 2: Suite 500</p> <p>Address Line 4: Alexandria, VIRGINIA 22314</p>									
ATTORNEY DOCKET NUMBER:	8027-1113								
NAME OF SUBMITTER:	Eric Jensen								
<p>Total Attachments: 1</p> <p>source=ASSMT#page1.tif</p>									

OP \$40.00 12850092

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PATENT
REEL: 024788 FRAME: 0230

ASSIGNMENT

WHEREAS,

Hiroyuki FUJIMOTOShinpei IJIMA

hereafter referred to as "applicant(s)", have invented certain new and useful improvements in
SEMICONDUCTOR DEVICE AND METHOD OF MANUFACTURING THE SAME

- (a) for which an application for a United States patent was filed on
8/4/2010, Application No. 12/850,092 or
- (b) for which an application for a United States patent was executed on
July 28, 2010,


WHEREAS, Elpida Memory, Inc.,whose address is 2-1, Yaesu 2-chome, Chuo-ku, Tokyo, Japan,

hereinafter referred to as "assignee(s)", is desirous of acquiring the entire right, title and interest in
and to the same,

NOW, THEREFORE, in consideration of the sum of Ten Dollars (\$10.00), and other good
and valuable consideration, the receipt and sufficiency of which is hereby acknowledged,
applicant(s), by these presents, do(es) hereby sell, assign and transfer unto said assignee(s) the
full and exclusive right to the said invention in the United States and the entire right, title and
interest in and to any and all patents which may be granted therefor in the United States, for its sole
use and behoof, and for the use and behoof of its legal representatives, to the full end of the term
for which said patents may be granted, as fully and entirely as the same would have been held by
applicant(s) had this assignment and sale not been made.

Applicant(s) hereby authorize(s) and request(s) the Commissioner of Patents and
Trademarks to issue said United States patents to said assignee(s).

Date July 28, 2010,

Hiroyuki Fujimoto 
(signature) Hiroyuki FUJIMOTO

Date July 28, 2010,

Shinpei Iijima 
(signature) Shinpei IJIMA