

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

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| SUBMISSION TYPE: | NEW ASSIGNMENT |
| NATURE OF CONVEYANCE: | ASSIGNMENT |
| CONVEYING PARTY DATA | |
| Name | Execution Date |
| HITACHI, LTD. | 11/19/2009 |
| RECEIVING PARTY DATA | |
| Name: | ELPIDA MEMORY INC. |
| Street Address: | 2-1, Yaesu 2-chome, Chuo-ku, |
| City: | Tokyo |
| State/Country: | JAPAN |
| Postal Code: | 104-0028 |
| PROPERTY NUMBERS Total: 1 | |
| Property Type | Number |
| Application Number: | 11599268 |
| CORRESPONDENCE DATA | |
| Fax Number: | (202)756-8087 |
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| Address Line 4: | Washington, DISTRICT OF COLUMBIA 20005-3096 |
| ATTORNEY DOCKET NUMBER: | 077328-0022 |
| NAME OF SUBMITTER: | Stephen A. Becker |
| Total Attachments: 2 source=0773280022assignment#page1.tif source=0773280022assignment#page2.tif | |

CH \$40.00 11599268

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PATENT
REEL: 023648 FRAME: 0212

RECORDATION FORM COVER SHEET

Docket No.: 077328-0022

PATENTS ONLY

To the Director of the U. S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

1. Name of Conveying Party(ies)

HITACHI, LTD.

Additional name(s) of conveying party(ies) attached? ☐ Yes ☐ No

3. Nature of Conveyance/Execution Date(s)

Execution Date(s): **November 19, 2009**

- ☒ Assignment
 ☐ Merger
☐ Security Agreement
 ☐ Change of Name
☐ Joint Research Agreement
☐ Government Interest Assignment
☐ Executive Order 9424, Confirmatory License
☐ Other

2. Name and address of receiving party(ies)

Name: **ELPIDA MEMORY INC.**

Internal Address:

Address: **2-1, Yaesu 2-chome, Chuo-ku, Tokyo 104-0028
JAPAN**

Additional name(s) & address(es) attached? ☐ Yes ☐ No

4. Application or patent number(s):

A. Application Nos.

11/599,268 filed on November 15, 2006

☐ This document is being filed together with a new application.

B. Patent No(s).

Additional numbers attached? ☐ Yes ☐ No

5. Name and address to whom correspondence concerning document should be mailed:

Name: **MCDERMOTT WILL & EMERY LLP**

Internal Address:

Street Address: **600 13th Street, N.W.**

City: **Washington** State: **D. C.** Zip: **20005-3096**

Phone Number: **202.756.8000**

Fax Number: **202.756.8087**

Email Address:

6. Total number of applications and patents involved:

7. Total fee (37 CFR 1.21(h) & 3.41) \$40.00

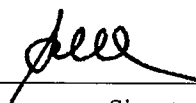
- ☐ Authorized to be charged by credit card
☒ Authorized to be charged to deposit account
☐ Enclosed
☐ None required (government interest not affecting title)

8. Payment Information:

- a. Credit Card Last 4 Numbers _____
 Expiration Date _____
 b. Deposit Account Number **500417**
 Authorized User Name _____

9. Signature.

Stephen A. Becker 26,527



December 14, 2009

Name and Registration No. of Person Signing

Signature

Date

Total number of pages including cover sheet, attachments and documents:

2

ASSIGNMENT

WHEREAS, Hitachi, Ltd. is the sole and exclusive owner of one-half (50%) interest, by Assignment recorded November 15, 2006, Reel 018574, Frame 0355, as set forth in an application for United States Letters Patent, entitled SEMICONDUCTOR CHIP HAVING ISLAND DISPERSION STRUCTURE AND METHOD FOR MANUFACTURING THE SAME, for which an application for United States Letters Patent was filed on November 15, 2006, and identified by United States Serial No. 11/599,268;

WHEREAS, Elpida Memory Inc., a corporation organized and existing under the laws of the Country of Japan, and having a place of business at 2-1, Yaesu 2-chome, Chuo-ku, Tokyo 104-0028 JAPAN, is desirous of acquiring said one-half (50%) interest, right and title in and to said invention and in and to any and all Letters Patent of the United States and foreign countries which may be obtained therefor;

NOW, THEREFORE, for good and valuable consideration, the receipt for and sufficiency of which is hereby acknowledged, the said Hitachi, Ltd. has sold, assigned, transferred and set over to said Elpida Memory Inc., its legal representatives, successors, and assigns, one-half (50%) of the entire right, title and interest in and to said invention as set forth in the above-mentioned application, including the right of priority and including any continuations, continuations-in-part, divisions, reissues, re-examinations or extensions thereof, and in and to any and all patents of the United States and foreign countries which may be issued for said invention;

UPON SAID CONSIDERATIONS, Hitachi, Ltd. hereby agrees with the said assignee that it will not execute any writing or do any act whatsoever conflicting with these presents, and that it will, at any time upon request, without further or additional consideration but at the expense of said assignee, execute such additional assignments and other writings and do such additional acts as said assignee may deem necessary or desirable to perfect the assignee's enjoyment of this grant, and render all necessary assistance in making application for and obtaining original, divisional, continuations, continuations-in-part, reexamined, reissued, or extended Letters Patent of the United States or of any and all foreign countries on said invention, and in enforcing any rights or choses in action accruing as a result of such applications or patents, by giving testimony in any proceedings or transactions involving such applications or patents, and by executing preliminary statements and other affidavits, it being understood that the foregoing covenant and agreement shall bind, and inure to the benefit of the assigns and legal representatives of assignor and assignee;

AND Hitachi, Ltd. requests the Commissioner for Patents and Trademarks to issue any Letters Patent of the United States which may be issued for said invention to said Elpida Memory Inc., its legal representatives, successors or assigns, as the owner of one-half interest of the entire right, title and interest in and to said patent and the invention covered thereby.

IN TESTIMONY WHEREOF, Hitachi, Ltd. has caused these presents to be signed by an official thereunto duly authorized.

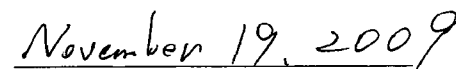
HITACHI, LTD.



Name: Kensuke OKA

Corporate Officer, Managing Director, Intellectual Property Group
(Authorized Signing Officer)

Title



Date

PATENT

RECORDED: 12/14/2009

REEL: 023648 FRAME: 0214