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U.S. DEPARTMENT OF COMMERCE
U.S. Patent and Trademark Office

103550629

Attorney Docket No. 1431.10206G00

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Hitachi, Ltd. and Hitachi Display Devices, Ltd.

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

2. Name and address of receiving party(ies)

Name: Elpida Memory, Inc.

Internal Address:

Street Address: 2-1, Yaesu 2-chome

City: Chuo-ku, Tokyo

State:

Country: Japan

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

3. Nature of conveyance/ Execution Date: June 14, 2006 and June 16, 2006.

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

4. Application number(s) or patent number(s):

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

A. Patent Application No.(s)

10/859,141

B. Patent Registration No.(s):

4,873,672; 6,107,869; 6,195,305; 6,288,967; 6,339,358;
6,385,118; 6,584,031; and 6,747,509

Additional number(s) attached ☐ Yes ☒ No

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

Name: ANTONELLI, TERRY, STOUT & KRAUS, LLP

Internal Address:

1300 NORTH 17TH STREET - SUITE 1800

City: ARLINGTON State: VA Zip 22209

Phone Number: (703) 312-6600

Facsimile Number: (703) 312-6666

Email Address: email@antonelli.com

6. Total number of applications and patents involved 9

7. Total fee (37 CFR 3.41)..... \$360.00

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

8. Payment Information:

a. Credit Card Last 4 numbers: 1032
Expiration date: June 2010

b. Deposit account number: 01-2135

Authorized User Name: Ronald J. Shore

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9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Larry N. Anagnos, Reg. No. 32, 392

Name of Person Signing

Signature

02/07/2008

Date

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

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O. Box 1450, Alexandria, VA 22313-1450

PATENT
REEL: 022343 FRAME: 0143

No.	US Serial Number	US Patents Number
1	07/051715	04873672
2	09/096456	06107869
3	09/288512	06195305
4	09/742078	06288967
5	09/513929	06339358
6	09/907929	06385118
7	10/107139	06584031
8	10/045105	06747509
9	10/859141	

ASSIGNMENT

WHEREAS, Hitachi, Ltd. and Hitachi Display Devices, Ltd. are Joint owners, by assignments, of the following Applications Letters Patents and Letter Patents of the United States of America:

Listed Attachment: AN03

WHEREAS, Elpida Memory, Inc., a Japanese Corporation, having a place of business at 2-1, Yaesu 2-chome. Chuo-ku, Tokyo, Japan, is desirous of acquiring the sole and exclusive right, title and interest in, to and under the said applications for Letters Patents and the inventions covered thereby, as now owned by Hitachi, Ltd. and Hitachi Display Devices, Ltd

NOW, THEREFORE, for good and valuable consideration, the sufficiency and receipt of which is hereby acknowledged, the said Hitachi, Ltd. and the said Hitachi Display Devices, Ltd have sold, assigned, transferred and set over and does hereby sell, assign, transfer and set over to the said Elpida Memory, Inc., the entire right, title and interest in the said inventions, said applications, including any and all divisions and continuations thereof, and any and all Letters Patents that may be granted therefor, and the Letters Patents aforesaid, and any reissue or reissues of said Letters Patents already granted or which may be granted, the same to be held and enjoyed by said Elpida Memory, Inc. for their own use and enjoyment, and for the use and enjoyment of their successors, assigns, or other legal representatives, to the end of the term for which said Letters Patents of the United States are granted or reissued as fully and entirely as the same would have been held and enjoyed by the said Hitachi, Ltd. and Hitachi Display Devices, Ltd. ,if this assignment and sale had not been made.

Date: June 14, 2006

Hitachi, Ltd.


By: Hiroyuki HIRAYAMA

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

Date: June 16, 2006

Hitachi Display Devices, Ltd.

M. Ichikawa
By: Mitsuo ICHIKAWA

President & Director