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To the Director of the United States Patent and Trademark Office: Please record the attached

1. Name of conveying party(ies):

Yoshiro RIHO (January 16, 2009)
Jun SUZUKI (January 16, 2009)
Yasuhiro MATSUMOTO (January 16, 2009)
Shuichi KUBOUCHI (January 16, 2009)
Hiromasa NODA (January 16, 2009)
Yasuji KOSHIKAWA (January 16, 2009)

2. Name and address of receiving party(ies):

Elpida Memory, Inc.
2-1, Yaesu 2-chome, Chuo-ku
Tokyo, 104-0028 Japan

Additional conveying party(ies) **NO**

3. Nature of conveyance:

ASSIGNMENT

Execution Date:

See above

Additional name(s) & address(es) attached? **NO**

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

If this is being filed together with a new application, the execution date of the application is:

**January 16 and
20, 2009**

A. Patent Application Number(s):

B. Patent Number(s):

Additional numbers attached? **NO**

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

George C. Beck
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6. Total number of applications/patents involved: **1**

7. Total fee (37 C.F.R. § 3.41): **\$40.00**

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George C. Beck

Name of person signing

Signature

February 6, 2009

Date

Total number of pages including cover sheet, attachments, and document: **3**

ASSIGNMENT

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Elpida Memory, Inc., 2-1, Yaesu 2-chome, Chuo-ku, Tokyo, Japan

(hereinafter ASSIGNEE) its successors and assigns, the full and exclusive right, title and interest for the United States, its territories and possessions in and to this invention relating to

SEMICONDUCTOR MEMORY DEVICE, CONTROL METHOD THEREFOR, AND METHOD FOR DETERMINING REPAIR POSSIBILITY OF DEFECTIVE ADDRESS

as set forth in this United States Patent Application

Check one ☒ executed concurrently herewith
☐ executed on _____
☐ Serial No. _____ Filed _____
 and

as well as in and to (a) all improvements and modifications of the above-identified invention or inventions, (b) the above-identified application and all other applications for Letters Patent of the United States for above-identified invention or inventions and all improvements and modifications thereof, (c) all Letters Patent which may issue from said applications in the United States, (d) all divisions, continuations, reissues, and extensions of said applications and Letters Patent, and (e) the right to claim for any of said applications the full benefits and priority rights under the International Convention and any other international agreement to which the United States adheres; such right, title, and interest to be held and enjoyed by ASSIGNEE, its successors and assigns, to the full end of the term or terms for which any and all such Letters Patent may be granted as fully and entirely as would have been held and enjoyed by ASSIGNOR had this Assignment not been made.

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NAME AND SIGNATURE OF INVENTOR(S)

NAME: <u>Yoshiro RIHO</u>	SIGNATURE: <u>Yoshiro Riho</u>	DATE: <u>16/Jan/2009</u>
NAME: <u>Jun SUZUKI</u>	SIGNATURE: <u>Jun Suzuki</u>	DATE: <u>16/Jan/2009</u>
NAME: <u>Yasuhiro MATSUMOTO</u>	SIGNATURE: <u>Yasuhiro Matsumoto</u>	DATE: <u>16/Jan/2009</u>
NAME: <u>Shuichi KUBOUCHI</u>	SIGNATURE: <u>Shuichi Kubouchi</u>	DATE: <u>16/Jan/2009</u>
NAME: <u>Hiromasa NODA</u>	SIGNATURE: <u>Hiromasa Noda</u>	DATE: <u>16/Jan/2009</u>
NAME: <u>Yasuji KOSHIKAWA</u>	SIGNATURE: <u>Yasuji Koshikawa</u>	DATE: <u>20/Jan/2009</u>
NAME: _____	SIGNATURE: _____	DATE: _____
NAME: _____	SIGNATURE: _____	DATE: _____
NAME: _____	SIGNATURE: _____	DATE: _____
NAME: _____	SIGNATURE: _____	DATE: _____
NAME: _____	SIGNATURE: _____	DATE: _____

NAME AND SIGNATURE OF WITNESSES

NAME: <u>Takeo FUJII</u>	SIGNATURE: <u>Takeo Fujii</u>	DATE: <u>20/Jan/2009</u>
NAME: _____	SIGNATURE: _____	DATE: _____

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