

7-31-06

08-04-2006

Form PTO-1595 (Rev. 07/05)
OMB No. 0651-0027 (exp. 6/30/2008)

DEPARTMENT OF COMMERCE
U.S. Patent and Trademark Office



RECORD

103286680

Docket No. XA-10626

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)/Execution Date(s):

SEKIGUCHI, Tomonori
TAKEMURA, Riichiro
AKIYAMA, Satoru
HANZAWA, Satoru
KAJIGAYA, Kazuhiko

Execution Date(s): July 21, 21, 21, and 25, 2006

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

3. Nature of conveyance:

- Assignment Merger
- Security Agreement Change of Name
- Government Interest Assignment
- Executive Order 9424, Confirmatory License
- Other _____

2. Name and address of receiving party(ies)

Name: Hitachi, Ltd.

Address: 6-6, Marunouchi 1-chome
Chiyoda-ku

City: Tokyo

State: _____

Country: Japan Zip: _____

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

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11/495550

073106

4. Application or patent number(s):

A. Patent Application No.(s)

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: Mitchell W. Shapiro

Registration No.: 31,568

Address: Miles & Stockbridge P.C.

1751 Pinnacle Drive

Suite 500

City: McLean

State: Virginia Zip: 22102

Phone Number: 703-610-8652

Fax Number: 703/610-8686

Email Address: mwshapiro@milesstockbridge.com

6. Total number of applications and patents involved: 1

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

Authorized to be charged to deposit account

Enclosed - Any excess or insufficiency should be credited or debited to deposit account

8. Payment Information

a. Credit Card Last 4 Numbers _____

Expiration Date _____

b. Deposit Account Number 50-1165

Authorized User Name Mitchell W. Shapiro

9. Signature:

Mitchell W. Shapiro

Name of Person Signing

Date July 31, 2006

Total Number of pages including cover sheet, attachments, and documents: 4

Documents to be recorded (including cover sheet) should be faxed to (703) 306-5995, or mailed to:
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O. Box 1450, Alexandria, VA 22313-1450

08/02/2006 HMAR211 00000027 11495550

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**RECORDATION FORM COVER SHEET
(FORM PTO-1595) CONTINUATION SHEET**

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Continuation of Box 2:

Receiving Party

Name (line 1) | _____ Elpida Memory, Inc. _____ |

Name (line 2) | _____ |

Address (line 1) | _____ 2-1, Yaesu 2-chome _____ |

Address (line 2) | _____ Chuo-ku _____ |

Address (line 3) | _____ Tokyo, Japan _____ |

Receiving Party

Name (line 1) | _____ |

Name (line 2) | _____ |

Address (line 1) | _____ |

Address (line 2) | _____ |

Address (line 3) | _____ |

Receiving Party

Name (line 1) | _____ |

Name (line 2) | _____ |

Address (line 1) | _____ |

Address (line 2) | _____ |

Address (line 3) | _____ |

ASSIGNMENT

(譲渡証)

As a below named inventor, I hereby declare that:

IN CONSIDERATION of the sum of One Dollar (\$1.00) or the equivalent thereof, and other good and valuable consideration paid to Tomonori SEKIGUCHI, Riichiro TAKEMURA, Satoru AKIYAMA, Satoru HANZAWA, and Kazuhiko KAJIGAYA,

citizens of Japan by HITACHI, LTD., and Elpida Memory, Inc., corporations organized under the laws of Japan, located at 6-6, Marunouchi 1-chome, Chiyoda-ku, Tokyo, Japan, and 2-1, Yaesu 2-chome, Chuo-ku, Tokyo, Japan, respectively,

receipt of which is hereby acknowledged, we, the said Tomonori SEKIGUCHI, Riichiro TAKEMURA, Satoru AKIYAMA, Satoru HANZAWA, and Kazuhiko KAJIGAYA,

do hereby sell and assign to said HITACHI, LTD., and Elpida Memory, Inc.,

their successors and assigns, all our right, title and interest, in and for the United States of America, in and to

SEMICONDUCTOR MEMORY DEVICE

invented by us and described in the application for United States Letters Patent therefor, executed on even date herewith, and all United States Letters Patent which may be granted therefor, and all divisions, continuations and extensions thereof, the said interest being the entire ownership of the said Letters Patent when granted, to be held and enjoyed by said HITACHI, LTD., and Elpida Memory, Inc.,

their successors, assigns or other legal representatives, to the full end of term for which said Letters Patent may be granted, as fully and entirely as the same would have been held and enjoyed by us if this assignment and sale had not been made;

And we hereby agree to sign and execute any further documents or instruments which may be necessary, lawful, and proper in the prosecution of said above-named application or in the preparation and prosecution of any continuing, continuation-in-part, substitute, divisional, renewal, reviewed or reissue applications or in any amendment, extension, or interference proceedings, or otherwise to secure the title thereto in said assignee;

And we do hereby authorize and request the Commissioner of Patents to issue said Letters Patent to said HITACHI, LTD., and Elpida Memory, Inc.,

Signed on the date(s) indicated aside signatures:

INVENTOR(S)
(発明者フルネームサイン)

Date Signed
(署名日)

1) <u>Tomonori Sekiguchi</u> (Tomonori SEKIGUCHI)	<u>7/21/2006</u>
2) <u>Riichiro Takemura</u> (Riichiro TAKEMURA)	<u>7/21/2006</u>
3) <u>Satoru Akiyama</u> (Satoru AKIYAMA)	<u>7/21/2006</u>
4) <u>Satoru Hanzawa</u> (Satoru HANZAWA)	<u>7/21/2006</u>
5) _____ (Kazuhiko KAJIGAYA)	_____
6) _____	_____
7) _____	_____

PATENT

REEL: 018112 FRAME: 0662

ASSIGNMENT

(譲渡証)

As a below named inventor, I hereby declare that:

IN CONSIDERATION of the sum of One Dollar (\$1.00) or the equivalent thereof, and other good and valuable consideration paid to Tomonori SEKIGUCHI, Riichiro TAKEMURA, Satoru AKIYAMA, Satoru HANZAWA, and Kazuhiko KAJIGAYA,

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do hereby sell and assign to said HITACHI, LTD., and Elpida Memory, Inc.,

their successors and assigns, all our right, title and interest, in and for the United States of America, in and to

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invented by us and described in the application for United States Letters Patent therefor, executed on even date herewith, and all United States Letters Patent which may be granted therefor, and all divisions, continuations and extensions thereof, the said interest being the entire ownership of the said Letters Patent when granted, to be held and enjoyed by said HITACHI, LTD., and Elpida Memory, Inc.,

their successors, assigns or other legal representatives, to the full end of term for which said Letters Patent may be granted, as fully and entirely as the same would have been held and enjoyed by us if this assignment and sale had not been made;

And we hereby agree to sign and execute any further documents or instruments which may be necessary, lawful, and proper in the prosecution of said above-named application or in the preparation and prosecution of any continuing, continuation-in-part, substitute, divisional, renewal, reviewed or reissue applications or in any amendment, extension, or interference proceedings, or otherwise to secure the title thereto in said assignee;

And we do hereby authorize and request the Commissioner of Patents to issue said Letters Patent to said HITACHI, LTD., and Elpida Memory, Inc.,

Signed on the date(s) indicated aside signatures:

INVENTOR(S)
(発明者フルネームサイン)

Date Signed
(署名日)

1) _____ (Tomonori SEKIGUCHI)

2) _____ (Riichiro TAKEMURA)

3) _____ (Satoru AKIYAMA)

4) _____ (Satoru HANZAWA)

5) Kazuhiko Kajigaya (提) (Kazuhiko KAJIGAYA)

6) _____

7) _____

25. JUL, 2006

