

03-20-2006



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U.S. Department of Commerce

TSUT.0105

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

1. Name of Conveying Party(ies):

**SATORU HANZAWA, RIICHIRO TAKEMURA,
AND KAZUHIKO KAJIGAYA**

Additional names of conveying parties attached: ☐ Yes ☒ No

3. Nature of Conveyance:

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Other:

Execution Dates: **(1)(2) February 6, 2006;
and (3) February 13, 2006**

2. Name and Address of Receiving Party(ies):

(1) Name: **Hitachi, Ltd.**
Address: **6-6, Marunouchi 1-chome
Chiyoda-ku, Tokyo, Japan**

and

(2) Name: **Elpida Memory, Inc.**
Address: **2-1, Yaesu 2-chome
Chuo-ku, Tokyo, Japan**

4. (a) Patent Application Number(s):

11/354,131

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

☐ Additional Numbers Attached.

4. (b) Patent Numbers:

5. Name and Address of Party to whom Correspondence Concerning this Document Should be Mailed:

Name: **Stanley P. Fisher**

Address: **Reed Smith LLP
3110 Fairview Park Dr.
Suite 1400
Falls Church, Va. 22042**

6. Total Number of Applications and Patents Involved: 1

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

- ☒ Enclosed.
☒ Authorized to be charged to deposit account.

8. Deposit Account Number: **08-1480**

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9. Statement and Signature:

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

Stanley P. Fisher, Registration No. 24, 344

March 15, 2006
Juan Carlos A. Marquez, Registration No. 34,072

Total number of pages comprising cover sheet: 1

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(40.00 DP)

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 Satoru HANZAWA, Riichiro TAKEMURA 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 Satoru HANZAWA, Riichiro TAKEMURA 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

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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) <u>Satoru Hanzawa</u> (Satoru HANZAWA)	<u>2/6/2006</u>
2) <u>Riichiro Takemura</u> (Riichiro TAKEMURA)	<u>2/6/2006</u>
3) _____ (Kazuhiko KAJIGAYA)	_____
4) _____	_____
5) _____	_____
6) _____	_____
7) _____	_____

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 Satoru HANZAWA, Riichiro TAKEMURA 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 Satoru HANZAWA, Riichiro TAKEMURA 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

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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) _____ (Satoru HANZAWA)

2) _____ (Riichiro TAKEMURA)

3) Kazuhiko Kajigaya (Kazuhiko KAJIGAYA)

4) _____

5) _____

6) _____

7) _____

Feb. 13, 2006
