

08-20-2004



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

1. Name of Conveying Party(ies):

(1) KEIICHI HIGETA, (2) SHIGERU
 NAKAHARA AND (3) HIROAKI NAMBU

Additional names of conveying parties attached: ☐ Yes ☒ No

3. Nature of Conveyance:

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

Execution Dates: (1)(2) May 10, 2002
 (3) May 13, 2002

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

Name: Hitachi, Ltd.
 Address: 6, Kanda Surugadai 4-chome
 City: Chiyoda-ku, Tokyo, Japan

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

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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DO NOT USE THIS SPACE

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.

August 13, 2004

Stanley P. Fisher, Registration No. 24, 344

Juan Carlos A. Marquez, Registration No. 34,072

Total number of pages comprising cover sheet: 1

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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 me citizen of Japan by HITACHI, LTD., a corporation organized under the laws of Japan, located at 6, Kanda Surugadai 4-chome, Chiyoda-ku, Tokyo, Japan, receipt of which is hereby acknowledged I do hereby sell and assign to said HITACHI, LTD., its successors and assigns, all my right, title and interest, in and for the United States of America, in and to

SEMICONDUCTOR MEMORY DEVICE

invented by me (if only one is named below) or us (if plural inventors are named below) 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 owner-ship of the said Letters Patent when granted, to be held and enjoyed by said HITACHI, LTD., its 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 me or us if this assignment and sale had not been made;

And I hereby agree to sign and execute any further documents or instruments which may be necessary, lawful, and proper in the prosecution of the 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 I do hereby authorize and request the Commissioner of Patents to issue said Letters Patent to said HITACHI, LTD.

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>Keiichi Higeta</u> (Keiichi HIGETA)	<u>10 / May / 2002</u>
2) <u>Shigeru Nakahara</u> (Shigeru NAKAHARA)	<u>10 / May / 2002</u>
3) <u>Hiroaki Nambu</u> (Hiroaki NAMBU)	<u>13 / May / 2002</u>
4) _____	_____
5) _____	_____
6) _____	_____
7) _____	_____
8) _____	_____
9) _____	_____
10) _____	_____

ASSIGNMENT

WHEREAS, Hitachi, Ltd. is the exclusive owner, by assignment, of the following applications for Letters Patent of the United States of America:

Listed In Attachment HZ12

WHEREAS, Renesas Technology Corp., a corporation organized under the laws of Japan, having its place of business at 4-1, Marunouchi 2-chome, Chiyoda-ku, Tokyo, Japan, is desirous of acquiring the entire 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.

NOW, THEREFORE, for good and valuable consideration, the sufficiency and receipt of which is hereby acknowledged, the said Hitachi, Ltd. has sold, assigned, transferred and set over and does hereby sell, assign, transfer and set over to the said Renesas Technology Corp., the entire right, title and interest in the said inventions, said applications for Letters Patents and any Letters Patents which may be granted thereon, and any reissue or reissues of said Letters Patents which may be granted, the same to be held and enjoyed by said Renesas Technology Corp. 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., if this assignment and sale had not been made.

Hitachi, Ltd.

Dec. 29, 2003

Date:



By: Yasuo SAKUTA, Patent Attorney

Title: Executive Officer,
Intellectual Property Group
(Authorized Signing Officer)