

10-24-2006



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RENS.0032

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

1. Name of Conveying Party(ies):

**(1) TAKAO KOBAYASHI (2) MASAOKI
SHIDA AND (3) KAZUHIKO KAWAI**

Additional names of conveying parties attached

3. Nature of Conveyance:

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

Execution Dates: **(1)(3) July 4, 2002 and
(2) July 8, 2002**

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

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

and

(2) Name: **Hitachi Engineering Co., Ltd**
Address: 2-1, Saiwaicho 3-chome
Hitachi-shi, Ibaraki
Japan

112935 U.S. PTO
11/580009

101306

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

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

☐ 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**
3100 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


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

October 13, 2006

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. and Hitachi Engineering Co., Ltd., corporations organized under the laws of Japan, located at 6, Kanda Surugadai 4-chome, Chiyoda-ku, Tokyo, Japan, and 2-1, Saiwaicho 3-chome, Hitachi-shi, Ibaraki, Japan, respectively, receipt of which is hereby acknowledged I do hereby sell and assign to said HITACHI, LTD. and Hitachi Engineering Co., Ltd., their successors and assigns, all my right, title and interest, in and for the United States of America, in and to

SEMICONDUCTOR INTEGRATED CIRCUIT DEVICE AND WIRELESS COMMUNICATION SYSTEM

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 ownership of the said Letters Patent when granted, to be held and enjoyed by said HITACHI, LTD. and Hitachi Engineering Co., Ltd., 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 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. and Hitachi Engineering Co., 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>Takao Kobayashi</u> (Takao KOBAYASHI)	<u>4 / July / 2002</u>
2) <u>Masaaki Shida</u> (Masaaki SHIDA)	<u>8 / July / 2002</u>
3) <u>Kazuhiko Kawai</u> (Kazuhiko KAWAI)	<u>4 / July / 2002</u>
4) _____	_____
5) _____	_____
6) _____	_____
7) _____	_____
8) _____	_____
9) _____	_____
10) _____	_____

ASSIGNMENT

WHEREAS, Hitachi, Ltd. and Hitachi Engineering Co., Ltd. are joint owners, by assignment, of the following applications for Letters Patent of the United States of America:

Listed In Attachment HZ06


WHEREAS, Renesas Technology Corporation, a corporation organized under the laws of Japan, having its place of business at 4-1, Marunouchi 2-chome, Chiyoda-ku, Tokyo, Japan and is desirous of acquiring the 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 thereby become a joint owner with Hitachi Engineering Co., 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 Corporation, its 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 Corporation for its own use and enjoyment, and for the use and enjoyment of its 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.

September 12, 2003

Date:


By: Yasuo SAKUTA, Patent Attorney
Title: Executive Officer,
Intellectual Property Group
(Authorized Signing Officer)

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1. Name of Conveying Party(ies):

Hitachi, Ltd.

Additional names of conveying parties attached: ☐ Yes ☒ No

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

Name: **Renesas Technology Corporation.**
Address: 4-1, Marunouchi 2-chome
City: Chiyoda-ku, Tokyo, Japan

112935 U.S. PTO
11/580009



3. Nature of Conveyance:

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