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U.S. DEPARTMENT OF COMMERCE
U.S. Patent and Trademark Office

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

1. Name of conveying party(ies):

Hitachi, Ltd.

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

3. Nature of conveyance:

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

09/12/2003

Execution Date: _____

2. Name and address of receiving party(ies)

Name: Renesas Technology Corporation

Internal Address: _____

Street Address: 4-1, Marunouchi 2-chome,
Chiyoda-ku, Tokyo, Japan

City: _____ State: _____ Zip: _____

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

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

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

A. Patent Application No.(s) _____

B. Patent No.(s) _____

Additional numbers attached? ☒ Yes ☐ No

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

Name: John R. Mattingly, Esq.

Internal Address: _____

Street Address: 1800 Diagonal Rd.

Suite 370

City: Alexandria State: va Zip: 223146. Total number of applications and patents involved: 87. Total fee (37 CFR 3.41).....\$ 320.00

- ☒ Enclosed
☐ Authorized to be charged to deposit account

8. Deposit account number: _____

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9. Signature.

John R. Mattingly, Esq.

Name of Person Signing

Signature

October 15, 2003

Date

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

Mail documents to be recorded with required cover sheet information to:
Commissioner of Patents & Trademarks, Box Assignments
Washington, D.C. 20231

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PATENT
REEL: 014598 FRAME: 0204

Continuation of Part 4-Further Application Nos.

4A. Patent Application Nos.

1.	09/555,010
2.	10/122,382
3.	10/129,305
4.	10/199,319
5.	10/200,162
6.	10/277,663
7.	10/291,840
8.	10/614,015

ASSIGNMENT

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

Listed In Attachment BE05

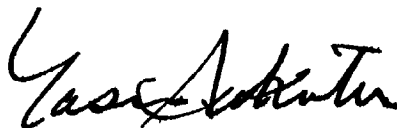
WHEREAS, Renesas Technology Corporation, a corporation organized under the laws of Japan, having its place of business at 4-1, Marunouchi 2-chome, Chiyoda-ku, Tokyo, Japan and is desirous of acquiring the right, title and interest in, to and under the said applications for Letters Patents, and the inventions covered thereby, as now owned by Hitachi, Ltd., and thereby become a joint owner with Hitachi Tobu Semiconductor 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)

No.	US SERIAL NUBMER	US FILING DATE
1,	09/555010	1997.11.28
2,	10/122382	2002.04.16
3,	10/129305	2002.05.03
4,	10/199319	2000.04.17
5,	10/200162	2000.04.18
6,	10/277663	1997.11.28
7,	10/291840	1999.07.01
8,	10/614015	2002.04.16