(Feev. 5-93) OMB No. 0651-0011 (exp. 4/94)	V-2003 U.S. DEPARTMENT OF COMMERC Patent and Trademark Offic ▼ ▼ ▼
To the Honorable Commissioner of Patents and Traceriter.5.6 1. Name of conveying party(les): Hitachi, Ltd. 9-26-03 Additional name(s) of conveying party(les) attached?	9318       ached original documents or copy thereof.         2. Name and address of receiving party(ies):         Name:       Renesas Technology Corporation         Internal Address:
3. Nature of conveyance:         Image: Ima	Street Address:       4-1, Marunouchi 2-Chome         Chiyoda-ku, Tokyo, Japan         City:
<ul> <li>4. Application number(s) or patent number(s):</li> <li>If this document is being filed together with a new application</li> <li>A. Patent Application No.(s)</li> <li>See Attachment AN03</li> <li>Additional numbers attachment state</li> </ul>	B. Patent No.(s)
<ul> <li>5. Name and address of party to whom correspondence concerning document should be mailed:</li> <li>Name: <u>Antonelli, Terry, Stout &amp; Kraus</u></li> <li>Internal Address:</li></ul>	<ul> <li>6. Total number of applications and patents involved: 9</li> <li>7. Total fee (37 CFR 3.41) \$</li></ul>
Street Address: 1300 N. Seventeenth St. Suite 1800 City: Arlington State: VA ZIP: 22209	8. Deposit account number: 01-2135 (Attach duplicate copy of this page if paying by deposit account)
9. Statement and signature. To the best of my knowledge and belief, the foregoing inform the original document. Melvin Kraus Name of Person Signing Reg. No. 22,466 Mail documents to be recorded with Commissioner of Patents & 10/07/2003 JJALLAH2 00000007 08527807	USE THIS SPACE nation is true and correct and any attached copy is a true copy of 9-26-03 Signature Date over sheet, attachments, and document: Trademarks, Box Assignments in, D.C. 20231 PTO1595Recordation Form Cover Sheet - page 1 of 3)

PATENT REEL: 014554 FRAME: 0450

### Attachment: AN03

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No.	US SERIAL NUMBER	US FILING DATE
1,	08/527807	1994.06.10
2	09/908857	2001.07.20
3	10/052251	2000.04.14
4	10/202091	2001.07.13
5	10/205426	2001.01.12
6	10/206982	2000.07.13
7	10/260407	2000.10.25
8	10/289306	2002.02.07
9	10/338018	2000.01.31

# PATENT REEL: 014554 FRAME: 0451

#### ASSIGNMENT

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

Listed In Attachment AN03

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 Device 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)

PATENT REEL: 014554 FRAME: 0452

## Attachment: AN03

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No.	US SERIAL NUMBER	US FILING DATE
1,	08/527807	1994.06.10
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## PATENT REEL: 014554 FRAME: 0453

**RECORDED: 09/26/2003**