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RECORDATION FORM FOR PATENTS ONLY

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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): Hitachi, Ltd. Additional name(s) of conveying party(ies) attached? [ ] Yes [x] No

2. Name and address of receiving party(ies) Name: Renesas Technology Corporation Internal Address:

3. Nature of conveyance: [x] Assignment [ ] Merger [ ] Security Agreement [ ] Change of Name [ ] Other Execution Date: 09/12/2003

Street Address: 4-1, Marunouchi 2-chome, Chiyoda-ku, Tokyo, Japan City: State: Zip: Additional name(s) & address(es) attached? [ ] Yes [x] 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) 10/453,606 B. Patent No.(s) Additional numbers attached? [ ] Yes [x] No

6. Total number of applications and patents involved: [1]

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: 22314

7. Total fee (37 CFR 3.41).....\$ 40.00 [x] 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 Date November 26, 2003

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

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

ASSIGNMENT

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

Listed In Attachment BE16

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 Yonezawa Electronics Co., Ltd. and Hitachi ULSI Systems 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)

Attachment BE16

| <b>No.</b> | <b>US SERIAL NUBMER</b> | <b>US FILING DATE</b> |
|------------|-------------------------|-----------------------|
| 1,         | 10/453606               | 2001.11.15            |