



12-02-2003



102612795

11.26.03

Form PTO-1595  
(Rev. 10/02)

OMB No. 0651-0027 (exp. 6/30/2005)

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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.

## 2. Name and address of receiving party(ies)

Name: Renesas Technology Corporation

Internal Address: \_\_\_\_\_

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

## 3. Nature of conveyance:

☒ Assignment☐ Merger☐ Security Agreement☐ Change of Name☐ Other \_\_\_\_\_Street Address: 4-1, Marunouchi 2-chome,Chiyoda-ku, Tokyo, Japan

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_

Execution Date: 09/12/2003Additional 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) 09162080Additional 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 370City: Alexandria State: VA Zip: 223146. Total number of applications and patents involved: 257. Total fee (37 CFR 3.41).....\$ 1,000.00☒ 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

November 26, 2003

Date

Total number of pages including cover sheet, attachments, and documents: 1Mail documents to be recorded with required cover sheet information to:  
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Continuation of Part 4-Further Application Nos.

4A. Patent Application Nos.

1,	09/162080	1998.09.28
2,	09/530787	2000.05.05
3,	09/604903	2000.06.28
4,	09/907714	2001.07.19
5,	09/914678	2001.11.14
6,	09/979333	2001.11.21
7,	09/979951	2001.11.27
8,	09/985289	2001.11.02
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17,	10/319511	2000.08.15
18,	10/325915	1998.08.20
19,	10/333838	2003.01.24
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21,	10/372136	2001.04.06
22,	10/388444	1997.07.08
23,	10/430189	2003.05.07
24,	10/439110	2000.10.20
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## ASSIGNMENT

WHEREAS, Hitachi, 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 BE02

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 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)