MAR 0 2 2004	3-05-2004	
(Rev. 10/02) RECORDA	DEPARTMENT OF COMMERCE .S. Patent and Trademark Office	
OMB No. 0651-0027 (exp. 6/30/2005)  Tab settings ⇔ ⇔ ₩ ▼	02685135	
To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.		
Name of conveying party(ies):     2. Name and address of receiving party(ies)		
Hitachi, Ltd. 3_2_54	Name: Renesas Technology Corp.	
	Internal Address:	
Additional name(s) of conveying party(ies) attached? Yes No		
3. Nature of conveyance:		
✓ Assignment	4.1 Marunouchi 2 chama	
Security Agreement Change of Name	Street Address: 4-1, Marunouchi 2-chome	
Other	Chiyoda-ku, Tokyo, Japan	
	City:State:Zip:	
2/2/2004 Execution Date:		
	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)		
A. Patent Application No.(s)	b. Faterit No.(s)	
Additional numbers attached?		
5. Name and address of party to whom correspondence	6. Total number of applications and patents involved:	
concerning document should be mailed: Name: John R. Mattingly, Esq.	7. Total fee (37 CFR 3.41)\$40.00	
	✓ Enclosed	
Internal Address:	Authorized to be charged to deposit account	
	8. Deposit account number:	
Street Address: 1800 Diagonal Road		
Suite 370		
Alexandria VA 20244		
City: Alexandria State: VA Zip: 22314		
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9. Signature.		
mm AA		
John R. Mattingly, Esq. (N) (M) March 2, 2004		
Name of Person Signing Signature Date		
Total number of pages including cover sheet, attachments, and documents:  Mail documents to be seconded with required cover sheet information to:		

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

Wallington, D.O. 20201

Continuation of Part 4. Application number(s) or patent number(s)

- 4A. Patent Application No.(s)
- 1. 10/647,280

**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 BE18

WHEREAS, Renesas Technology Corp., 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 Corp., 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 Corp. 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.

February 2, 2004

Date:

By: Yasuo SAKUTA, Patent Attorney

Title: Executive Officer,

Intellectual Property Group (Authorized Signing Officer)

PATENT REEL: 015026 FRAME: 0758 Attachment: BE18

No.	US SERIAL NUBMER	US FILING DATE
1,	10/647280	1998.12.11

**RECORDED: 03/02/2004**