FORM PTO-1595 RECO	U.S. DEPARTMENT OF COMMERC	
(Rev. 8-93) OMB No. 0651-0011 (exp. 4/94)	Patent and Trademark Offic	
ab settings		
To the Honorable Commissioner of Patents and 1	2565171 the attached original documents or copy thereof.	
1. Name of conveying party(ies):	2. Name and address of receiving party(ies):	
Hitachi, Ltd.	Name: Renesas Technology Corporation	
	Internal Address:	
Additional name(s) of conveying party(ies) attached?		
3. Nature of conveyance:		
☐ Assignment ☐ Merger	Street Address: 4-1, Marunouchi 2-Chome	
☐ Security Agreement ☐ Change of Name	Chiyoda-ku, Tokyo, Japan	
Other	City: State: ZIP:	
Execution Date: September 12, 2003	Additional name(s) & address(es) attached?	
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)		
10/003,233		
	·	
Additional numbers atta	ched? Yes X No	
Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved:	
Name: Antonelli, Terry, Stout & Kraus		
	7. Total fee (37 CFR 3.41)	
Internal Address:	☑ Enclosed	
	Authorized to be charged to deposit account	
	Additionized to be charged to deposit account	
Street Address: 1300 N. Seventeenth St.	2 Damait account account	
Suite 1800	8. Deposit account number:	
777 22200	01-2135	
City: Arlington State: VA ZIP: 22209	(Attach duplicate copy of this page if paying by deposit account)	
DO NOT	USE THIS SPACE	
9. Statement and signature.		
	ation is true and correct and any attached copy is a true copy of	
the oriainal document.	1 6	
Melvin Kraus	4 h free 9-26-03	
Name of Person Signing Reg: No. 22,466	Signature Date	
Total number of pages including co	over sheet, attachments, and document:	
Mail documents to be recorded with required cover sheet information to: Commissioner of Patents & Trademarks, Box Assignments Washington, D.C. 20231		
(Form PTO1595Recordation Form Cover Sheet - page 1 of 3)		
	A Section Section (Programme)	

PATENT REEL: 014538 FRAME: 0468 <u>ASSIGNMENT</u>

WHEREAS, Hitachi, Ltd. and Hitachi Computer Peripherals Co., Ltd. are joint owners, by

assignment, of the following applications for Letters Patent of the United States of America:

Listed In Attachment AN08

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

Computer Peripherals 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: 014538 FRAME: 0469 Attachment: AN08

No.	US SERIAL NUMBER	US FILING DATE
1,	10/003233	2001.12.06

-1/1-

PATENT REEL: 014538 FRAME: 0470