MILES & STOCKBRIDGE

	Docket No.: T3063-0		
ORM PTO-1595 (Modified) RECORDATION FC	RM COVER	R SHEET	U.S. DEPARTMENT OF COMMER 3
MMB No. 0651-0027 (axp.5/31/2002) POBA/REV03 PATENT		LY	Patent and Trademark Off c
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To the Director of the United States Patent and Trademark Offic	1		
1. Name of conveying party(ies): Hitachi, Ltd.	2. Name a	and address of recei	iving party(ies):
Intatin, Etc.	Name:	Renesas Technolog	y Corporation
	Addres	s: <u>4-1, Marunouchi</u>	2-chome
Additional names(s) of conveying party(les)			
3. Nature of conveyance:	1		· -· -· · · · · · · · · · · · · · · · ·
🛛 Assignment 🔲 Merger			
Security Agreement Change of Name	City: C	hiyoda-ku	State/Prov.: Tokyo
Other	Country	y: Japan	ZIP:
Execution Date: September 12, 2003	Additional	name(s) & address(es)	🗆 Yeş 🖾 No
4. Application number(s) or patent numbers(s):			
If this document is being filed together with a new application	, the executi	ion date of the appli	cation is:
Patent Application No. Filing date		. Patent No.(s)	
AddItional numbers	<u> X</u> Y	Yes 🗋 No	
<ol><li>Name and address of party to whom correspondence concerning document should be mailed:</li></ol>	6. Total n	umber of applicatior	is and patents involved:
Name: Mitchell W. Shapiro	7. Total fe	e (37 CFR 3.41):	\$ 40.00
Registration No. <u>31,568</u>		Enclosed - Any excess or insufficiency should be	
Address: Miles & Stockbridge P.C.	credited or debited to deposit account		leposit account
1751 <u>Pinnacle</u> Dr., Suite 500	🛛 Aut	thorized to be charg	ed to deposit account
	8. Deposi	t account number:	
City: McLean State/Prov.: VA	<u>50-116</u>	5	
Country: <u>U.S.</u> ZIP: <u>22102</u>	(Attach	a duplicate copy of this particular	age if paying by deposit account)
9. Statement and signature.	<u>USE THIS SP</u>	ACE	
To the best of my knowledge and belief, the foregoing inform of the original document.	ation is true	and correct and any	y attached copy is a true copy
Mitchell W. Shapiro	HUN.	Shop L	December 11, 2003
Name of Person Signing Total number of pages including of	Signatu	- /	4 Date
Mail documents to be recorded wit Mail Stop Assignmen	h required cover single Recordation Se	hest information to: rvices	
700056478	Patent and Trad	lemark Office	PATENT 190 FRAME: 0080

## Attachment: VS16

No.	US SERIAL NUBMER	US FILING DATE
1,	10/433666	2003.06.05

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## ASSIGNMENT

WHEREAS, Hitachi, Ltd., Hitachi ULSI Systems Co., 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 VS16

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. and 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 thereon, and any reissue or reissues of said Letters Patents which may be granted 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: 014190 FRAME: 0082

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Attachment: VS16

No.	US SERIAL NUBMER	US FILING DATE
1,	10/433666	2003.06.05