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Form PTO-1595 (Rev. 10/02)	RECORDATION FORM		U.S. DEPARTMENT OF COMMERCE U.S. Patent and Trademark Office
OMB No. 0651-0027 (exp. 6/30/2005)	PATENTS	ONLY	
To the Hannahla Commission of Dal	toota and Toodanaday Di		Attorney Docket No. 1374.10333G00
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.		Name and address Name: RENESAS	of receiving party(ies) TECHNOLOGY CORP.
Additional name(s) of conveying party(ies) a	attached? ☐ Yes ⊠ No	Street Address: 6-2	, Otemachi 2-chome,
3. Nature of conveyance/ Execution Date: March 29, 2010 .		City: Chiyoda-ku State: Tokyo Country: Japan	
	Merger Change of Name ; ense	Additional name(s) & a	ddress(es) attached? □ Yes ⊠ No
4. Application number(s) or patent number(s):			
A. Patent Application No.(s)		B. Patent Registration	n No.(s)
			2, 6,320,785, 6,525,960 6, 5,637,913, 7,071,560
Additional number(s) attached ☐ Yes ☒ No			
Name and address of party to whom cor concerning document should be mailed:	•	6. Total number of app	lications and patents involved 6
Name: ANTONELLI, TERRY, STOU	JT & KRAUS, LLP		3.41)\$240.00
Internal Address: 1300 NORTH 17 TH STREET – SUI7	FE 1800	☐ Authorized to be ☑ Enclosed – Cred	e charged by credit card e charged to deposit account dit Card Authorization government interest not affecting title)
1300 NORTH 17 OTREET - GOT	12 1000		
City: ARLINGTON State: VA Zip 22 Phone Number: (703) 312-6600 Facsimile Number: (703) 312-6666	2209	, i	4 numbers: 11024 ation date: June 2010
Email Address: email@antonelli.com	1	b. Deposit account nu	mber: 01-2135
DO NOT HOS TO		Authorized User Name: MelvinKraus	
DO NOT USE THIS SPACE 9. Statement and signature.			
To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.			
Larry N. Anagnos, Reg #32,392 Name of Person Signing	ary V.	progres	03/30/2010 Date
Total number of pages including cover sheet, latachments, and document:			

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O. Box 1450, Alexandria, VA 22313-1450

PATENT REEL: 024160 FRAME: 0452

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1374.10333G00 ASSN 2a

ASSIGNMENT

WHEREAS, HITACHI, LTD. and HITACHI ULSI SYSTEMS CO., LTD. are joint owners, by assignment, of the following Letters Patents of the United States of America:

5,959,882

6,320,785

6,525,960

5.378,656

5,637,913

7,071,560

WHEREAS, RENESAS TECHNOLOGY CORP., a corporation organized under the laws of Japan, having its place of business at 6-2, Otemachi 2-chome, Chiyoda-ku, Tokyo, Japan, is desirous of acquiring the entire right, title and interest in, to and under the abovelisted U.S. Letters Patents and the inventions covered by the above-listed Letters Patents, 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 listed U.S. Letters Patents and any U.S. Patent Application(s) claiming benefit of the filing date(s) of any of said listed U.S. Letters Patents, under 35 U.S.C. 120, and any Letters Patent(s) issued or issuing thereon including any reissue or reissues thereof which may be granted, in which HITACHI, LTD. has ownership rights, and any reissue or reissues of the above-listed U.S. 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 Patent(s) 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.

Date: March 29, 2010

RECORDED: 03/30/2010

HITACHI, LTD.

Kensuke OKA

Title: Corporate Officer,

Managing Director

Intellectual Property Group (Authorized Signing Officer)

PATENT REEL: 024160 FRAME: 0453