Form PTO-1696 (Rev. 07/05) OMB No. 0651-0027 (exp. 6/30/2008)	U.S. DEPARTMENT OF COMMERCE United States Patent and Trademark Office				
RECORDATION FORM COVER SHEET					
PATENTS ONLY 500.35405CX3					
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 Yes No	Street Address: 4-1, Marunouchi 2-chome, Chiyoda-ku				
Nature of conveyance/Execution Date(s): Execution Date(s) May 15, 2007	Street Address. 4-1, Mardiouchi 2-chome, Chiyoda-ku				
AssignmentMerger	City:				
Security Agreement Change of Name					
Joint Research Agreement	State:				
Government Interest Assignment	Country: Tokyo, JAPAN Zip:				
Executive Order 0424, Confirmatory License	Additional Name(s) & Addresses attached? Yes No				
Other					
4. Application or patent number(s): A. Patent Application No.(s) 6,396,736, issued 5/28/2002	document is being filed together with a new application. B. Patent No.(s)				
Serial No. 09/715,106, filed November 20, 2000					
Additional numbers	l attached? ☐ Yes ☒ No				
5. Name and address to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved:				
Name: MATTINGLY, STANGER, MALUR & BRUNDIDGE, P.C.	7. Total fee (37 CFR 1.21(h) & 3.41) \$40.00				
Internal Address:	Authorized to be charged by credit card				
Street Address: 1800 Diagonal Road - Suite 370	Authorized to be charged to deposit account				
City: Alexandria	Enclosed				
State: Virginia Zip: 22314	None required (government interest not affecting title)				
Phone Number: 703) 684-1120	8. Payment Information				
Fax Number: <u>703) 684-1157</u>	a. Credit Card Last 4 Numbers <u>1043</u> Expiration Date <u>08/11</u>				
Email Address: <u>cbrundidge@msmbpatentlaw.com</u>					
	b. Deposit Account Number 50-1417				
	Authorized User Name <u>Carl I. Brundidge</u>				
9. Signature: Signature Signature	May 15, 2007 Date				
Carl I. Brundidge, Reg. No. 29,621 Name of Person Signing Total number of pages including cover Sheet, attachments, and documents: 5					
	at) should be faved to (571) 273 0140, or mailed to:				

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: 019287 FRAME: 0754

ASSIGNMENT

WHEREAS, HITACHI, LTD., is the exclusive owner, by assignment, of the applications for Letters Patent of the United States of America and Letters Patents as listed in the attached APPENDIX A

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, is desirous of acquiring the entire right, title and interest in, to and under the said applications for Letters Patents and Letters Patents, and the inventions covered thereby, as now owned by HITACHI, 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, the entire right, title and interest in the said inventions, said applications for Letters Patents and any Letters Patents which may be granted thereon and said Letters Patents, 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 their own use and enjoyment, and for the use and enjoyment of their 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

PATENT REEL: 019287 FRAME: 0755

enjoyed by the said HITACHI, LTD., if this assignment and sale had not been made.

Executed this 15th day of May, 2007.

HITACHI, LTD.

Hiroyuki HIRAYAMA Corporate Officer

Managing Director, Intellectual Property Group

(Authorized Signing Officer)

PATENT REEL: 019287 FRAME: 0756

RECORDED: 05/15/2007

Our Ref:	Patent No.	Issue Date	Serial No.	Filing Date
500.35405X00	5,870,218	2/09/1999	08/841,612	4/30/1997
500.35405CX1	5,982,667	11/9/1999	09/096,457	6/11/1998
500.35405CX2	6,181,603	1/30/2001	09/339,960	6/25/1999
500.35405CX3	6,396,736	5/28/2002	09/715,106	11/20/2000

PATENT