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	To the Honorable Commissioner of Patents and Trademarks. Please record the attached original documents or copy thereof.		
Ž	I. Name of Conveying Party(ies);	2. Name and Address of Receiving Party(ies):	
$\mathcal{Q}_{\mathcal{L}}$	Hitachi, Ltd.	Name: Renesas Technology Corporation	
\mathbb{Z}	Additional names of conveying parties attached: Yes 8 No	Address: 4-1, Marunouchi 2-chome City: Chiyoda-ku, Tokyo	
	3. Nature of Conveyance:	Japan	
)	□ Assignment □ Merger □ Security Agreement □ Change of Name □ Other:		
	Execution Date: September 12, 2003	·	
	4. (a) Palent Application Number(s): 12/457, 917	4. (b) Patent Numbers:	
	If this document is being filed together with a new application, the execution date of the application is:	(a) I die in Manders.	
	☐ Additional Numbers Attached.		
	5. Name and Address of Party to whom Correspondence Concerning this Document Should be Mailed:	6. Total Number of Applications and Patents involved:	
	Name: Juan Carlos A. Marquez	7. Total Fee: \$40.00 (37 C.F.R. § 3.41)	
	Address: Reed Smith LLP 3110 Fairview Park Dr. Suite 1400 Falls Church, VA 22042	\$40.00 fee previously paid on April 9, 2008 □ Enclosed. Authorized to be charged to deposit account.	
		8. Deposit Account Number: 08-1480	
I	O NOT USE THIS SPACE	ATTACH DUPLICATE COPY OF THUS PAGE IF PAYING BY DEPOSIT ACCOUNT	
9. Statement and Signature: To the best of my knowledge and ballof the formation in the statement and signature.			
, oi	To the best of my knowledge and belief, the foregoing is true and correct and any attached copy is a true copy of the original document. June 25, 2009		
Jo	an Carlos A. Marquez, Registration No. 34,072	A 9 31, 2003	
i	otal number of pages comprising cover sheet:		
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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:

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.

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, Petent Attorney

Title: Executive Officer,

intellectual Property Group (Authorized Signing Officer)

RECORDED: 08/18/2009