

## PATENT ASSIGNMENT

Electronic Version v1.1  
 Stylesheet Version v1.1

SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT				
NATURE OF CONVEYANCE:	Corrective Assignment to correct the Assignee's address previously recorded on Reel 030240 Frame 0589. Assignor(s) hereby confirms the Assignment of Assignor's Interest.				
CONVEYING PARTY DATA					
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Hitachi, Ltd.</td> <td>09/12/2003</td> </tr> </tbody> </table>		Name	Execution Date	Hitachi, Ltd.	09/12/2003
Name	Execution Date				
Hitachi, Ltd.	09/12/2003				
RECEIVING PARTY DATA					
Name:	Renesas Technology Corporation				
Street Address:	4-1, Marunouchi 2-chome				
Internal Address:	Chiyoda-ku				
City:	Tokyo				
State/Country:	JAPAN				
PROPERTY NUMBERS Total: 1					
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13865279</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13865279
Property Type	Number				
Application Number:	13865279				
CORRESPONDENCE DATA					
Fax Number:	7037399577				
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>					
Phone:	7037394900				
Email:	tpurifoy@stites.com				
Correspondent Name:	Stites & Harbison PLLC				
Address Line 1:	1199 North Fairfax Street				
Address Line 2:	Suite 900				
Address Line 4:	Alexandria, VIRGINIA 22314				
ATTORNEY DOCKET NUMBER:	ASAM-0353				
NAME OF SUBMITTER:	Juan Carlos A. Marquez				
Signature:	/juan.carlos.a.marquez/				
Date:	06/26/2013				

OP \$40.00 13865279

PATENT

**Total Attachments: 4**

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## PATENT ASSIGNMENT

Electronic Version v1.1  
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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Hitachi, Ltd.	09/12/2003
RECEIVING PARTY DATA	
Name:	Renesas Technology Corp.
Street Address:	4-1, Marunouchi 1-chome, Chiyoda-ku
City:	Tokyo
State/Country:	JAPAN
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	13865279
CORRESPONDENCE DATA	
Fax Number:	7037399577
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
Phone:	703-739-4900
Email:	sprice@stites.com
Correspondent Name:	Juan Carlos A. Marquez
Address Line 1:	1199 N. Fairfax Street, Suite 900
Address Line 2:	Stites & Harbison PLLC
Address Line 4:	Alexandria, VIRGINIA 22314
ATTORNEY DOCKET NUMBER:	ASAM-0353
NAME OF SUBMITTER:	Sheila M. Price
Signature:	/Sheila M. Price/
Date:	04/18/2013
Total Attachments: 1 source=asam-353-assign-2#page1.tif	

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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:

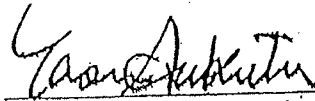
WHEREAS, Renesas Technology Corporation, a corporation organized under the laws of Japan, having its place of business at 4-1, Marunouchi 2-chome, Chiyoda-ku, Tokyo, Japan and is desirous of acquiring the right, title and interest in, to and under the said applications for Letters Patents, and the inventions 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, Patent Attorney

Title: Executive Officer,

Intellectual Property Group

(Authorized Signing Officer)