

<b>PATENT ASSIGNMENT COVER SHEET</b>
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Electronic Version v1.1  
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EPAS ID: PAT4318556

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
RENESAS SEMICONDUCTOR PACKAGE & TEST SOLUTIONS CO., LTD.	03/07/2017
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	RENESAS ELECTRONICS CORPORATION
<b>Street Address:</b>	2-24, TOYOSU 3-CHOME
<b>City:</b>	KOUTOU-KU, TOKYO
<b>State/Country:</b>	JAPAN
<b>Postal Code:</b>	135-0061
<b>PROPERTY NUMBERS Total: 2</b>	
<b>Property Type</b>	<b>Number</b>
<b>Patent Number:</b>	6489181
<b>Patent Number:</b>	6787395
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(703)956-7647
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>	
<b>Phone:</b>	7039567651
<b>Email:</b>	mshapiro@sgriplaw.com, docketing@sgriplaw.com, ctexidor@sgriplaw.com
<b>Correspondent Name:</b>	MITCHELL W. SHAPIRO
<b>Address Line 1:</b>	8607 WESTWOOD CENTER DRIVE, SUITE 320
<b>Address Line 4:</b>	TYSONS CORNER, VIRGINIA 22182
<b>ATTORNEY DOCKET NUMBER:</b>	T3381-0 (RSPT)
<b>NAME OF SUBMITTER:</b>	MITCHELL W. SHAPIRO, REG. NO. 31,568
<b>SIGNATURE:</b>	/Mitchell W. Shapiro/
<b>DATE SIGNED:</b>	03/14/2017
<b>Total Attachments: 1</b>	
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ASSIGNMENT OF CO-OWNER'S INTEREST IN UNITED STATES PATENTS

WHEREAS, RENESAS SEMICONDUCTOR PACKAGE & TEST SOLUTIONS CO., LTD., a corporation or other business entity organized under the laws of Japan, having a place of business at 111, Nishiyokote-machi, Takasaki-shi, Gunma 370-0021, Japan (hereinafter referred to as "ASSIGNOR"), and RENESAS ELECTRONICS CORPORATION, a corporation or other business entity organized under the laws of Japan, having a place of business at 2-24, Toyosu 3-chome, Koutou-ku, Tokyo 135-0061, Japan (hereinafter referred to as "ASSIGNEE"), are co-owners of United States Patent Nos. 6,489,181 issued December 3, 2002, and 6,787,395 issued September 7, 2004; and

WHEREAS, ASSIGNEE desires to acquire the entire right, title and interest of ASSIGNOR in and to said patents, and thereby become the sole owner of said patents;

NOW, THEREFORE, be it known that for and in consideration of the sum of One Dollar (\$1.00) or the equivalent thereof paid to it in hand by ASSIGNEE, and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, ASSIGNOR has sold, assigned, transferred and set over and does hereby sell, assign, transfer and set over unto ASSIGNEE, its successors, legal representatives and assigns, the entirety of ASSIGNOR's right, title and interest in and to said patents, including any and all reissues thereof that may be granted, the same to be held and enjoyed by ASSIGNEE, its successors, legal representatives and assigns, to the end of the terms for which said patents have been granted or may be reissued, as fully and entirely as the same would have been held and enjoyed by ASSIGNOR had this assignment and sale not been made;

AND ASSIGNOR hereby covenants that it has the full right to convey the interest herein assigned, and that it has not executed, and will not execute, any agreement or other document in conflict herewith;

AND ASSIGNOR further hereby agrees to execute any further papers necessary to secure ASSIGNEE, its successors, legal representatives and assigns in their full and complete enjoyment of the interest herein assigned.

IN WITNESS WHEREOF, ASSIGNOR has caused this instrument to be executed by a duly authorized officer or representative on the date indicated below.

RENESAS SEMICONDUCTOR PACKAGE &  
TEST SOLUTIONS CO., LTD.

Date: March 7, 2017

By: O. Nogimura

Name: Osamu NOGIMURA

Title: President