

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT																																
NATURE OF CONVEYANCE:	ASSIGNMENT																																
CONVEYING PARTY DATA																																	
<table border="1"><tr><td>Name</td><td>Execution Date</td></tr><tr><td>Mitsubishi Denki Kabushiki Kaisha</td><td>03/07/2011</td></tr></table>		Name	Execution Date	Mitsubishi Denki Kabushiki Kaisha	03/07/2011																												
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RECEIVING PARTY DATA																																	
<table border="1"><tr><td>Name:</td><td>Renesas Electronics Corporation</td></tr><tr><td>Street Address:</td><td>1753, Shimonumabe, Nakahara-ku, Kawasaki-shi,</td></tr><tr><td>City:</td><td>Kanagawa</td></tr><tr><td>State/Country:</td><td>JAPAN</td></tr><tr><td>Postal Code:</td><td>211-8668</td></tr></table>		Name:	Renesas Electronics Corporation	Street Address:	1753, Shimonumabe, Nakahara-ku, Kawasaki-shi,	City:	Kanagawa	State/Country:	JAPAN	Postal Code:	211-8668																						
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PROPERTY NUMBERS Total: 1914																																	
<table border="1"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Patent Number:</td><td>RE35591</td></tr><tr><td>Patent Number:</td><td>RE36027</td></tr><tr><td>Patent Number:</td><td>RE36052</td></tr><tr><td>Patent Number:</td><td>RE36077</td></tr><tr><td>Patent Number:</td><td>RE36169</td></tr><tr><td>Patent Number:</td><td>RE36531</td></tr><tr><td>Patent Number:</td><td>RE36655</td></tr><tr><td>Patent Number:</td><td>RE36842</td></tr><tr><td>Patent Number:</td><td>RE38043</td></tr><tr><td>Patent Number:</td><td>RE38213</td></tr><tr><td>Patent Number:</td><td>RE38679</td></tr><tr><td>Patent Number:</td><td>5136701</td></tr><tr><td>Patent Number:</td><td>5144362</td></tr><tr><td>Patent Number:</td><td>5151614</td></tr><tr><td>Patent Number:</td><td>5173625</td></tr></tbody></table>		Property Type	Number	Patent Number:	RE35591	Patent Number:	RE36027	Patent Number:	RE36052	Patent Number:	RE36077	Patent Number:	RE36169	Patent Number:	RE36531	Patent Number:	RE36655	Patent Number:	RE36842	Patent Number:	RE38043	Patent Number:	RE38213	Patent Number:	RE38679	Patent Number:	5136701	Patent Number:	5144362	Patent Number:	5151614	Patent Number:	5173625
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CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	050429-0010
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NAME OF SUBMITTER:	Bernad P. Codd
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ASSIGNMENT

WHEREAS, Mitsubishi Denki Kabushiki Kaisha is the sole or joint owner, by previously recorded Assignment, of the issued applications for Letters Patent of the United States and the inventions represented thereby in the attached list.

WHEREAS, Renesas Electronics Corporation, a corporation organized and existing under the laws of Japan, and having a place of business at 1753, Shimonumabe, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8668, Japan, is desirous of acquiring the entire right, title and interest of Mitsubishi Denki Kabushiki Kaisha in and to the aforesaid issued applications and inventions thereof, and in, to and under any and all Letters Patents which may be granted on or as a result thereof in any and all countries;

NOW, THEREFORE, for and in consideration of the sum of One Dollar (\$1.00) and other good and valuable consideration, the receipt of which is hereby acknowledged, the said Mitsubishi Denki Kabushiki Kaisha has sold, assigned, transferred and set over to said Renesas Electronics Corporation the entire right, title and interest of Mitsubishi Denki Kabushiki Kaisha in and to the aforesaid issued applications and the inventions thereof, and in, to and under any and all Letters Patents which may be granted on or as a result thereof in any and all countries, and any and all extensions, divisions, reissues, substitutes, renewals or continuations thereof, and the right to all benefits under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by said Renesas Electronics Corporation, their successors, assigns and legal representatives, to the full end of the term or terms for which said Letters Patents may be granted, reissued or extended as fully as the same would have been held and enjoyed in full by Mitsubishi Denki Kabushiki Kaisha had this assignment, sale or transfer not been made; and said Mitsubishi Denki Kabushiki Kaisha hereby authorizes and requests the Commissioner of Patents of the United States and any official of any country or countries foreign to the United States whose duty it is to issue patents on applications as aforesaid to issue to said Renesas Electronics Corporation, as assignees of the entire right, title and interest of Mitsubishi Denki Kabushiki Kaisha in any and all Letters Patents of the United States which may be issued or granted on or as a result of the applications herein identified, in accordance with the terms of this agreement, and hereby covenants that it has the full right to convey the entire interest herein assigned and that it has not executed and will not execute any agreement in conflict herewith.

IN TESTIMONY WHEREOF, Mitsubishi Denki Kabushiki Kaisha has caused these presents to be signed by an official thereunto duly authorized, and its seal to be affixed and attested this 7th day of March, 2011.

Mitsubishi Denki Kabushiki Kaisha

Mitsuo Muneyuki

Name: Mitsuo Muneyuki

Title: Executive Vice President

March 7, 2011

Date:

Attachment:

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