

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 70%;">Name</th> <th style="width: 30%;">Execution Date</th> </tr> </thead> <tbody> <tr> <td>Naoshi ISHIKAWA</td> <td>01/31/2011</td> </tr> <tr> <td>Seiji IKARI</td> <td>02/02/2011</td> </tr> <tr> <td>Hiromi NAGAYAMA</td> <td>02/03/2011</td> </tr> </tbody> </table>		Name	Execution Date	Naoshi ISHIKAWA	01/31/2011	Seiji IKARI	02/02/2011	Hiromi NAGAYAMA	02/03/2011		
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RECEIVING PARTY DATA											
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;">Name:</td> <td>RENESAS ELECTRONICS CORPORATION</td> </tr> <tr> <td>Street Address:</td> <td>1753, Shimonumabe, Nakahara-ku,</td> </tr> <tr> <td>City:</td> <td>Kawasaki-shi, 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,	City:	Kawasaki-shi, Kanagawa	State/Country:	JAPAN	Postal Code:	211-8668
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PROPERTY NUMBERS Total: 1											
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CORRESPONDENCE DATA											
<p>Fax Number: (202)756-8087</p> <p><i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 202-756-8000</p> <p>Email: lnguyen@mwe.com</p> <p>Correspondent Name: MCDERMOTT WILL & EMERY LLP</p> <p>Address Line 1: 600 13TH STREET, N.W.</p> <p>Address Line 4: WASHINGTON, DISTRICT OF COLUMBIA 20005-3096</p>											
ATTORNEY DOCKET NUMBER:	050099-0450										
NAME OF SUBMITTER:	Stephen A. Becker, 26,527										
<p>Total Attachments: 3</p> <p>source=ASSIGNMENT_050099-0450#page1.tif</p> <p>source=ASSIGNMENT_050099-0450#page2.tif</p>											

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PATENT
REEL: 025934 FRAME: 0523

RECORDATION FORM COVER SHEET

Docket No.: 050099-0450

PATENTS ONLY

To the Director of the U. S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

1. Name of Conveying Party(ies)

Naoshi ISHIKAWA, Seiji IKARI, Hiromi NAGAYAMA

Additional name(s) of conveying party(ies) attached? ☐ Yes ☐ No

3. Nature of Conveyance/Execution Date(s)

Execution Date(s): January 31, 2011, February 2, 2011,
February 3, 2011 (respectively)

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Joint Research Agreement
☐ Government Interest Assignment
☐ Executive Order 9424, Confirmatory License
☐ Other

2. Name and address of receiving party(ies)

Name: **RENESAS ELECTRONICS CORPORATION**

Internal Address:

Address: 1753, Shimonumabe, Nakahara-ku,
Kawasaki-shi, Kanagawa 211-8668, Japan

Additional name(s) & address(es) attached? ☐ Yes ☐ No

4. Application or patent number(s):

A. Patent Application No(s).

☒ This document is being filed together with a new application.

B. Patent No(s).

Additional numbers attached? ☐ Yes ☐ No

5. Name and address to whom correspondence concerning document should be mailed:

Name: MCDERMOTT WILL & EMERY LLP

Internal Address:

Street Address: 600 13th Street, N.W.

City: Washington, State: DC Zip: 20005-3096
D.C.

Phone Number: 202.756.8000

Fax Number: 202.756.8087

Email Address:

6. Total number of applications and patents involved:

7. Total fee (37 CFR 1.21(h) & 3.41) \$

- ☐ Authorized to be charged by credit card
☒ Authorized to be charged to deposit account
☐ Enclosed
☐ None required (government interest not affecting title)

8. Payment Information:

- a. Credit Card Last 4 Numbers _____
Expiration Date _____
b. Deposit Account Number 500417
Authorized User Name _____

9. Signature.

Stephen A. Becker, 26,527



March 10, 2011

Name and Registration No. of Person Signing

Signature

Date

Total number of pages including cover sheet, attachments and documents:

Attorney Docket No.: _____

ASSIGNMENT

WHEREAS, Naoshi ISHIKAWA of c/o Renesas Electronics Corporation, 1753, Shimonumabe, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8668 Japan, and Seiji IKARI and Hiromi NAGAYAMA, both of c/o Renesas Solutions Corporation, 6-2, Otemachi 2-chome, Chiyoda-ku, Tokyo 100-0004 Japan , hereinafter called the "Assignor," has invented a new and useful invention entitled DATA PROCESSING DEVICE AND SEMICONDUCTOR INTEGRATED CIRCUIT DEVICE , for which he has:

- (a) filed an application for United States Letters Patent on _____ as (Serial No. _____); or
- (b) executed an application for United States Letters Patent on _____; or
- (c) filed a provisional application on _____ as (Serial No. _____); and

WHEREAS, Renesas Electronics Corporation, a corporation organized and existing under the laws of JAPAN, having a place of business at: 1753, Shimonumabe, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8668 Japan, hereinafter called the "Assignee," is desirous of acquiring the entire right, title and interest in and to said invention, the application above identified, and in, to and under any Letters Patent which may be obtained to said invention, as hereinafter more fully set forth;

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN, be it known that for and in consideration of the sum of One Dollar (\$1.00), and other valuable and legally sufficient considerations, the receipt of which by said Assignor from the said Assignee is hereby acknowledged, the said Assignor has sold, assigned and transferred, and by these presents do sell, assign and transfer unto the said Assignee, the entire, right, title and interest for the United States in and to the invention and application hereinabove identified, and any Letters Patent of the United States that may issue for said invention, together with the entire right, title and interest in and to said invention and applications for Letters Patent and Letters Patent therefor, in all countries foreign to the United States, including the full right to claim for any such application all benefits and priority rights under any applicable convention; to have and to hold for the sole and exclusive use and benefit of the said Assignee, its successors and assigns, to the full end of the term or terms for which any and all of said Letters Patent for said inventions may issue.

And the said Assignor does hereby covenant and agree, for himself and his legal representatives, that he will assist the said Assignee in the prosecution of the application herein identified; in the making and prosecution of any other applications for Letters Patent that the said Assignee may elect to make covering the invention herein identified, as hereinabove set forth; in vesting in the said Assignee like exclusive title in and to all such other applications and Letters Patent; and in the prosecution of any interference which may arise involving said invention, or any application or Letters Patent herein contemplated; and that they will execute and deliver to the said Assignee any and all additional papers which may be requested by the said Assignee to fully carry out the terms of this Assignment.

The undersigned hereby grant(s) the attorneys of McDermott, Will & Emery the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

And the Commissioner of Patents and Trademarks is hereby authorized and requested to issue Letters Patent to the said Assignee in accordance with the terms of this Assignment.

IN TESTIMONY WHEREOF, the said Assignor has hereunto set his hands and affixed his seal.

Date: January 31, 2011
(Seal)

Naoshi Ishikawa
Naoshi ISHIKAWA

Date: February 2, 2011
(Seal)

Seiji Ikari
Seiji IKARI

Date: February 3, 2011
(Seal)

Hiromi Nagayama
Hiromi NAGAYAMA