

PATENT ASSIGNMENT

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| NATURE OF CONVEYANCE: | ASSIGNMENT |
| CONVEYING PARTY DATA | |
| Name | Execution Date |
| NEC Corporation | 06/21/2013 |
| RECEIVING PARTY DATA | |
| Name: | Renesas Electronics Corporation |
| Street Address: | 1753, Shimonumabe |
| Internal Address: | Nakahara-ku, Kawasaki-shi |
| City: | Kanagawa |
| State/Country: | JAPAN |
| Postal Code: | 211-8668 |
| PROPERTY NUMBERS Total: 1 | |
| Property Type | Number |
| Application Number: | 12159599 |
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| ATTORNEY DOCKET NUMBER: | W1878.0263 |
| NAME OF SUBMITTER: | Richard LaCava |
| Signature: | /Richard LaCava/ |
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PATENT ASSIGNMENT

FILE NO. W1878.0263


WHEREAS, **NEC Corporation**, a Japanese corporation, having its principal place of business at 7-1, Shiba 5-Chome, Minato-ku, Tokyo 108-8001, Japan (hereinafter "Assignor"), is the owner, by assignment, of the entire right, title and interest in and to **US Patent Application No. 12/159,599** (the "patent application"); and

WHEREAS, **Renesas Electronics Corporation**, a Japanese corporation, having its principal place of business at 1753, Shimonumabe, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8668, Japan (hereinafter "Assignee"), is desirous of acquiring all right, title and interest in and to said patent application.

NOW, THEREFORE, in consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, Assignor does hereby sell, assign, transfer and set over, unto Assignee, its successors, legal representatives and assigns, Assignor's entire right, title and interest in and to the patent application, the inventions disclosed therein, all original, divisional, continuation, substitute or reissue applications and patents applied for or granted therefor in the United States, including all rights of priority from the filing of said application, and all rights for past infringement, and the Commissioner of Patents and Trademarks is hereby authorized and requested to issue all patents on said inventions or resulting therefrom to said Assignee herein, as assignee of the entire interest therein.

IN WITNESS WHEREOF, Assignor has executed this Assignment by proper persons duly authorized.

Date: June 21, 2013


Name: Tatsuya OISHI
Title: Department Manager, Development
Promotion Department, Intellectual Property
Management Division
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