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07/17/2012

Docket No.: R090317US01

U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

103647056 To the Director of the United States Patent and Trademark Office: Please record the attached documents or the new address(es) below. 2. Name and address of receiving party(ies): 1. Name of conveying party(ies): Hiroharu SHIMIZU Name: Renesas Electronics Corporation Address: 1753, Shimonumabe, Nakahara-ku ☐ Yes ☒ No Additional names(s) of conveying party(ies) 3. Nature of conveyance/Execution Date(s): Execution Date(s): June 21, 2012 City: Kawasaki-shi ☐ Merger Assignment ☐ Change of Name State/Prov.: Kanagawa ☐ Security Agreement ☐ Joint Research Agreement Country: Japan ZIP: 211-8668 ☐ Government Interest Assignment ☐ Executive Order 9424, Confirmatory License ☐ Other ⊠ No Additional name(s) & address(es) attached? ☐ Yes ☐ This document is being filed together with a new application. 4. Application or patent numbers(s): 'A. Patent Application No. (s) B. Patent No.(s) 13/522,003 ☐ Yes 🏻 No Additional numbers attached? 5. Name and address to whom correspondence 6. Total number of applications and patents concerning document should be mailed: involved: Name: Sean M. McGinn, Esq. 7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00 Registration No.: 34, 386 Address: McGinn Intellectual Property Law Group, PLLC ☐ Authorized to be charged by credit card 8321 Old Courthouse Road Authorized to be charged to deposit account Suite 200 ☑ Enclosed City: Vienna ☐ None required (government interest not affecting title) State/Prov.: Virginia 8. Payment Information ZIP: 22182-3817 Country: **USA** Last 4 Numbers a. Credit Card Phone Number: (703) 761-4100 **Expiration Date** Fax Number: (703) 761-2375 or 76 b. Deposit Account Number 50-0481 (deficiencies only) Email Address: admin@mcginniplaw.com Authorized User Name Sean M. McGinn 00000024 13522003 07/17/2012 HTON11 9. Signature: July 13420120P 61 FC:8621 Signature Date Sean M. McGinn, Esq. Total number of pages including cover

Documents to be recorded (including cover sheet) should be faxed to (571)273-0140, or mailed to: Mail Stop Assignment Recordation Services, Director of the USPTO, P.O. Box 1450, Alexandria, VA 22313-1450

Name of Person Signing

REEL: 028608 FRAME: 0042

sheet, attachments, and document:

## **ASSIGNMENT**

(譲渡証)

As a below named inventor, I hereby declare that:

IN CONSIDERATION of the sum of One Dollar (\$1.00) or the equivalent thereof, and other good and valuable consideration paid to me citizen of Japan by Renesas Electronics Corporation, a corporation organized under the laws of Japan.

located at 1753, Shimonumabe, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8668, Japan, receipt of which is hereby acknowledged I do hereby sell and assign to said Renesas Electronics Corporation, its successors and assigns, all my right, title and interest, in and for the United States of America, in and to

## SEMICONDUCTOR DEVICE

invented by me (if only one is named below) or us (if plural inventors are named below) and described in the application for United States Letters Patent therefor, executed on even date herewith, and all United States Letters Patent which may be granted therefor, and all divisions, continuations and extensions thereof, the said interest being the entire ownership of the said Letters Patent when granted,

to be held and enjoyed by said Renesas Electronics Corporation,

its successors, assigns or other legal representatives, to the full end of term for which said Letters Patent may be granted as fully and entirely as the same would have been held and enjoyed by me or us if this assignment and sale had not been made;

And I hereby agree to sign and execute any further documents or instruments which may be necessary, lawful, and proper in the prosecution of the above-named application or in the preparation and prosecution of any continuing, continuation-in-part, substitute, divisional, renewal, reviewed or reissue applications or in any amendment, extension, or interference proceedings, or otherwise to secure the title thereto in said assignee;

And I do hereby authorize and request the Commissioner of Patents to issue said Letters Patent to said Renesas Electronics Corporation.

Signed on the date(s) indicated aside our signatures:

| INVENTOR(S) |   |
|-------------|---|
| (発明者フルネームサイ | ン |

Date Signed (署名日)

| 1) | HIROHARU SHIMIZU | June. 21.2012 |
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| 2) |                  |               |
| 3) |                  |               |
| 4) |                  |               |
| 5) |                  |               |
| 6) |                  |               |

PATENT REEL: 028608 FRAME: 0043

RECORDED: 07/13/2012