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RECORDATION FORM COVER SHEET 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) 2. Name and address of receiving party(ies) Name: Renesas Electronics Corporation Ryuichi Oikawa Internal Address: Additional name(s) of conveying party(ies) attached? Yes No Street Address: 1753, Shimonumabe, Nakahara-ku 3. Nature of conveyance/Execution Date(s): Execution Date(s) September 12, 2013 Assignment Merger City: Kawasaki-shi Security Agreement Change of Name State: Kanagawa Joint Research Agreement Government Interest Assignment Zip: 211-8668 Country: Japan Executive Order 9424, Confirmatory License Additional name(s) & address(es) attached? Yes No 4. Application or patent number(s): This document serves as an Oath/Declaration (37 CFR 1.63). A. Patent Application No.(s) B. Patent No.(s) 14/050,258 Additional numbers attached? Yes No 5. Name and address to whom correspondence 6. Total number of applications and patents concerning document should be mailed: involved: 1 Name: Sean McGinn, Esq. 7. Total fee (37 CFR 1.21(h) & 3.41) \$40.00 Internal Address: McGinn Intellectual Property Law Group, PLLC Authorized to be charged to deposit account Street Address: 8321 Old Courthouse Road Enclosed Suite 200 None required (government interest not affecting title) 8. Payment Information City: Vienna Zip: 22182-3817 State: Virginia Phone Number: 703 761 4100 Deposit Account Number 50-0481 (deficiencies only) 4718.02US1 Docket Number: 10/17/2013 HTON11 9888814 14838C30 Authorized User Name Sean M. McGinn Email Address: admin@mcginniplaw.com 9. Signature: October 11, 2013 Sean McGinn, Esq. Total number of pages including cover sheet, attachments, and documents: Name of Person Signing 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, V.A. 22313-1450

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, 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

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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 owner-ship 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 signatures:

	INVENTOR(S) (発明者フルネーム <u>サイン</u>)	Date Signed (署名日)
1)	Rjuichi Dikanua (Ryuichi OIKAWA)	September 12, 2013
2)		
3)		
4)		
5)		
6)	N	
7)		

PATENT REEL: 031483 FRAME: 0810

RECORDED: 10/11/2013