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U.S. DEPARTMENT OF COMMERCE

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To the Director of the United States Patent	103607259	
1. Name of conveying party(ies): Yoshifumi KANETAKA	2. Nan	ne and address of receiving party(ies): E: RENESAS ELECTRONICS CORPORATION ESS: 1753 Shimonumabe, Nakahara-ku
Additional names(s) of conveying party(ies) 3. Nature of conveyance/Execution Date(s) Execution Date(s): September 8, 2010	☐ Yes ☒ No	
 ☑ Assignment ☐ Security Agreement ☐ Joint Research Agreement ☐ Government Interest Assignment ☐ Executive Order 9424, Confirmatory Lice 	nange of Name State	Kawasaki-shi /Prov.: Kanagawa try: Japan ZIP: 211-8668
Other 4. Application or patent numbers(s): A. Patent Application No. (s)	⊠ This o	nal name(s) & address(es) attached? Yes No document is being filed together with a new application. Patent No.(s)
5. Name and address to whom correspon concerning document should be mailed:	dence 6. Tota	☐ Yes ☑ No al number of applications and patents
Name: Sean M. McGinn, Esq.		al fee (37 CFR 1.21(h) & 3.41) \$ 40.00
Registration No.: 34,386 Address: McGinn Intellectual Property Lav 8321 Old Courthouse Road Suite 200 City: Vienna	v Group, PLLC	Authorized to be charged by credit card Authorized to be charged to deposit account Enclosed None required (government interest not affecting title)
State/Prov.: Virginia Country: USA ZIP: 22 Phone Number: (703) 761-4100 Fax Number: (703) 761-2375 or (703) 761-23	182-3817 a. C	rment Information Credit Card Last 4 Numbers Expiration Date Deposit Account Number 50-0481 (deficiencies only)
Email Address: admin@mcginniplaw.com	A	authorized User Name Sean M. McGinn
Sean M. M	Signature IcGinn, Esq. erson Signing	September 16, 2010 Date Total number of pages including cover sheet, attachments, and document:

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

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PATENT REEL: 025019 FRAME: 0107

ASSIGNMENT OF APPLICATION FOR PATENT

12/736191

WHEREAS

NAME AND ADDRESS OF ASSIGNOR Yoshifumi KANETAKA of Tokyo, Japan

(HEREINAFTER REFERRED TO AS ASSIGNOR), have invented and own a certain new and useful invention entitled:

TITLE OF INVENTION:

ELECTRONIC DEVICE AND MANUFACTURING METHOD THEREFOR

WHEREAS

FULL NAME AND ADDRESS OF ASSIGNEE

RENESAS ELECTRONICS CORPORATION of 1753 Shimonumabe, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8668 Japan

(hereinafter referred to as ASSIGNEE), is desirous of acquiring the entire right, title, and interest in, to and under said invention and the United States Letters Patent to be obtained therefor:

NOW THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that in consideration of the payment of ASSIGNEE to ASSIGNOR of the sum of One Dollar (\$1.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration, ASSIGNOR, by these presents, hereby sells, assigns and transfers to ASSIGNEE the entire and exclusive right, title and interest to said invention and all Letters Patent of the United States to be obtained therefor on said application or any continuation, division, renewal, substitute or reissue thereof for the full term or terms for which the same may be granted.

ASSIGNOR hereby authorizes and requests the Commissioner of Patents and Trademarks to issue said Letters Patent of the United States Patent obtained therefor on said application or any

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PATENT REEL: 025019 FRAME: 0108 continuation, division, renewal, substitute or reissue thereof for the full term or terms to said ASSIGNEE, of the entire right, title, and interest in and to the same, for his sole use and behoof, and for the use and behoof of his legal representatives, to the full end of the term or terms for which said Letters Patent obtained therefor on said application or any continuation, division, renewal, substitute or reissue thereof for may be granted, as full and entirely as the same would have been held by ASSIGNOR had this assignment and sale not been made.

ASSIGNOR hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment and sale;

ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said application, said invention and said Letters Patent as may be known and accessible to ASSIGNOR and will testify as to the same in any interference or litigation related thereto and will promptly execute and deliver to ASSIGNEE or its legal representative any and all papers, instruments or affidavits required to apply for, obtain, maintain and enforce said application, said invention and said Letters Patent which may be necessary or desirable to carry out the purposes hereof.

DATE OF SIGNING

IN WITNESS WHEREOF, I/We have hereunto set

hand and seal this 8th day of September 10.

By: Yoshibumi Kanetaka

SIGNATURE

WITNESSES

(Assignment of Application for Patent -- page 2 of 2)

PATENT REEL: 025019 FRAME: 0109

RECORDED: 09/17/2010