PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Tomohiro HIRAI	06/18/2010

RECEIVING PARTY DATA

Name:	Renesas Electronics Corporation
Street Address:	1753 Shimonumabe, Nakahara-ku
City:	Kawasaki-shi, Kanagawa
State/Country:	JAPAN
Postal Code:	211-8668

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	12823574

CORRESPONDENCE DATA

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NAME OF SUBMITTER: Eric Jensen

Total Attachments: 1 source=ASSMT#page1.tif

PATENT REEL: 024676 FRAME: 0684

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ASSIGNMENT

WHEREAS. Tomohiro HIRAI of Kanagawa, Japan hereafter referred to as "applicant(s)", have invented certain new and useful improvements in SEMICONDUCTOR DEVICE AND METHOD OF MANUFACTURING THE SAME for which an application for a United States patent was executed currently herewith, WHEREAS, Renesas Electronics Corporation, whose address is, 1753 Shimonumabe, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8668, Japan, hereinafter referred to as "assignee(s)", is desirous of acquiring the entire right, title and interest in and to the same, NOW, THEREFORE, in consideration of the sum of Ten Dollars (\$10.00), the receipt whereof is acknowledged, and other good and valuable consideration, applicant(s), by these presents, do(es) hereby sell, assign and transfer unto said assignee(s) the full and exclusive right to the said invention in the United States and the entire right, title and interest in and to any and all patents which may be granted therefore in the United States, for its sole use and behoof, and for the use and behoof of its legal representatives, to the full end of the term for which said patents may be granted, as fully and entirely as the same would have been held by applicant(s) had this assignment and sale not been made. Applicant(s) hereby authorize(s) and request(s) the Commissioner of Patents and Trademarks to issue said United States patents to said assignee(s). Date June 18, 2010 (signature) Tomohiro HIRAI Date ______, (signature) WITNESS(ES) Date June 18, 2010 Date June 18, 2010

> PATENT REEL: 024676 FRAME: 0685

RECORDED: 06/25/2010