PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6137085

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
YUKO KITAJI	04/18/2016
KAZUKI FUKUOKA	04/18/2016
RYO MORI	04/18/2016
TOSHIFUMI UEMURA	04/18/2016

RECEIVING PARTY DATA

Name:	RENESAS ELECTRONICS CORPORATION	
Street Address:	2-24, TOYOSU 3-CHOME, KOUTOU-KU	
City:	TOKYO	
State/Country:	JAPAN	
Postal Code:	135-0061	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16219758

CORRESPONDENCE DATA

Fax Number: (202)756-8087

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

using a lax number, if provided, if that is unsuccessial, it will be sent via

Phone: 202-756-8000

Email: rfeimster@mwe.com, ipdocketmwe@mwe.com,

wdcipptsclerks@mwe.com

Correspondent Name: TOMOKI TANIDA

Address Line 1: MCDERMOTT WILL & EMERY LLP
Address Line 2: 500 NORTH CAPITOL STREET, N.W.

Address Line 4: WASHINGTON, D.C. 20001

ATTORNEY DOCKET NUMBER:	067237-1706	
NAME OF SUBMITTER:	RENELL FEIMSTER FOR TOMOKI TANIDA	
SIGNATURE:	/Renell Feimster for Tomoki Tanida/	
DATE SIGNED:	06/04/2020	

Total Attachments: 2

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PATENT 506090365 REEL: 052835 FRAME: 0638

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PATENT REEL: 052835 FRAME: 0639

Docket No.: REN-314CONT Only After Sept 16, 2012

ASSIGNMENT WITH DECLARATION FOR UTILITY OR DESIGN PATENT APPLICATION (37 OFR 1.63)

Whereas, I/We, the undersigned inventor(s) hereinafter called assignor(s), have invented certain improvements described in the application identified below; and

Wheress, Renesas Electronics Corporation of 2-24, Toyosu 3-chome, Koutou-ku, Tokyo 135-0061, Japan, (assignee), desires to acquire the entire right, title, and interest in the application and invention, and to any United States patents to be obtained therefor,

Now therefore, for valuable consideration, receipt whereof is hereby acknowledged.

I/We, the above named assignor(s), hereby sell, assign and transfer to the above named assignee, its successors and assigns, the entire right, title and interest in the application and the invention disclosed therein for the United States of America, including all divisions, and continuations thereof, and all Letters Patent of the United States that may be granted thereon, and all reissues thereof, including the right to claim priority under 35 USC 119, and I/we request the Director of the U.S. Patent and Trademark Office to issue any Letters Patent granted upon the invention set forth in the application to the assignee, its successors and assigns; and I/we will execute without further consideration all papers deemed necessary by the assignee in connection with the United States application when called upon to do so by the assignee.

the assignee.		
(Lagalization not required for recording	but is	prims facie evidence of execution under 35 USC 261)
As the below named inventor, I hereby	declar	s that:
This assignment with declaration is directed to:	X	The attached application, or
		United States Application or PCT International Application Number
		filed on
The application is entitled:		
		SEMICONDUCTOR DEVICE
The above identified application was m	sde or	was authorized to be made by me.
I believe that I am the original inventor	or an o	original joint inventor of a claimed invention in the application.
I have reviewed and understand the co	ntents	of the application for which this assignment with declaration is being submitted.
I am aware of the duty to disclose to ti	ne Offic	ce all information known to me to be material to patentability as defined in 37 OFR 1.56.
I hereby acknowledge that any willful fa or imprisonment of not more than five		tement made in this assignment with deciaration is punishable under (8 USC 1001 by fine rs, or both,
Authorization To Permit Access To A	pplicati	ion by Participating Office
(JPO), the Korean Intellectual Property property offices in which a foreign appli- patent application. See 37 OFR 1.14(c)	Office ication and (h)	the USPTO authority to provide the European Patent Office (EPO), the Japan Patent Office (RIPO), the World Intellectual Property Office (WIPO), and any other intellectual claiming priority to the above—identified application is filed access to the above—identified). This box should not be checked if the applicant does not wish the EPO, JPO, KIPO, or reign application claiming priority to the above—identified application is filed to have
identified patent application as filed, 2 119(a)-(d) if a copy of the foreign applic) any fo cation f	will be provided to a copy of the application-as-filed with respect to: 1) the above— preign application to which the above-identified application claims priority under 35 USC that satisfies the certified copy requirement of 37 CFR 1.55 has been filed in the above-pplication-as-filed from which benefit is sought in the above-identified patent application.
In accordance with 37 CFR 1.14(c), access may be provided to information concerning the date of filing the Authorization to Permit Access to Application by Participating Office.		

Legal Name of Inventor	Yuko KIIAJI	
inventor's Signature	Yuko Kitaji :	Date April 18, 2016
Legal Name of Additional	Inventor, if Any <u>Kazuki FUKUOKA</u>	
inventor's Signature	Rafi Valuda	Date Golf 18 2016
Legal Name of Additional	Inventor, If Any <u>Ryo MORI</u>	
Inventor's Signature	Ryo Mast	Date Upril 18, 2016
Legal Name of Additional	Inventor, If Any <u>Toshifumi UEMURA</u>	
Inventor's Signature	Tadifunis Venura	Date april 18-2016