# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3805825

FI As	Corrective Assignment to correct the TO CORRECT THE NAME OF THE FIRST ASSIGNOR previously recorded on Reel 037383 Frame 0156. Assignor(s) hereby confirms the THE EXECUTED ASSIGNMENT SUPPORTS THE REQUESTED CHANGE.

## **CONVEYING PARTY DATA**

Name	Execution Date
TAKASHI TERADA	04/30/2014
SHINYA HORI	08/25/2014

## **RECEIVING PARTY DATA**

Name:	RENESAS ELECTRONICS CORPORATION		
Street Address:	1753, SHIMONUMABE, NAKAHARA-KU		
Internal Address:	KAWASAKI-SHI		
City:	KANAGAWA		
State/Country:	JAPAN		
Postal Code:	211-8668		

#### **PROPERTY NUMBERS Total: 1**

Property Type	Number		
Application Number:	14634557		

## **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.

**Phone:** 2027568000

**Email:** ipdocketmwe@mwe.com

Correspondent Name: TOMOKI TANIDA

Address Line 1:MCDERMOTT WILL & EMERY LLPAddress Line 2:500 NORTH CAPITOL STREET NW

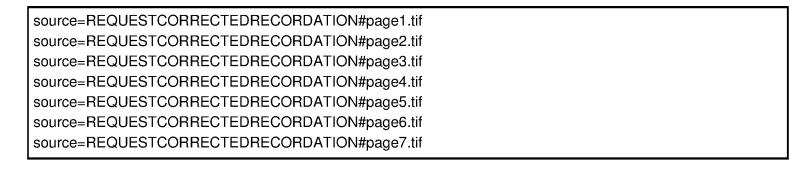
Address Line 4: WASHINGTON, D.C. 20001

NAME OF SUBMITTER:TOMOKI TANIDASIGNATURE:/TOMOKI TANIDA/	
SIGNATURE: /TOMOKI TANIDA/	
<b>DATE SIGNED:</b> 03/29/2016	

**Total Attachments: 7** 

PATENT REEL: 038298 FRAME: 0921

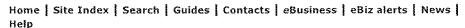
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PATENT REEL: 038298 FRAME: 0922



## **United States Patent and Trademark Office**





## Electronic Patent Assignment System

# **Confirmation Receipt**

Your assignment has been received by the USPTO. The coversheet of the assignment is displayed below:

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1

Stylesheet Version v1.2

SUBMISSION TY	PE:	NEW ASSIGNMENT			
NATURE OF CON	IVEYANCE:	ASSIGNMENT			
CONVEYING PAR	CONVEYING PARTY DATA				
Name Execution Da			9		
TAKESHI TERAD	A <u>TAKASHI</u>		04/30/2014		
SHINYA HORI			08/25/2014		
Name:	RENESAS ELECTRONICS CORPORATION				
r-		diangan ang an ang ang ang ang ang ang ang			
Street Address:	1753, SHIMONUMABE, NAKAHARA-KU				
Internal Address:	KAWASAKI-SHI				
City:	KANAGAWA				
State/Country:	JAPAN				
Postal Code:	211-8668				
PROPERTY NUMBERS Total: 1					
Property T	уре	Number			
Application Number: 14634557					

http://epas.uspto.gov/com/receipt.jsp?iname=03HQVMVUMYHP-5468

REEL: 038298 FRAME: 0923

CORRESPONDENCE DATA				
Fax Number: (202)756-8087  Phone: 2027568000  Email: IPDOCKETMWE@MWE.COM, BBEAVERS@MWE.COM  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.  Correspondent Name: TOMOKI TANIDA  Address Line 1: MCDERMOTT WILL & EMERY LLP  Address Line 2: 500 NORTH CAPITOL STREET NW  Address Line 4: WASHINGTON, D.C. 20001				
ATTORNEY DOCKET NUMBER:	067237-0884			
NAME OF SUBMITTER: TOMOKI TANIDA				
Signature: /TOMOKI TANIDA/				
<b>Date:</b> 12/30/2015				
Total Attachments: 4 source=ASSIGNMENT#page1.tif source=ASSIGNMENT#page2.tif source=ASSIGNMENT#page3.tif source=ASSIGNMENT#page4.tif				
RECEIPT INFORMATION				
EPAS ID:         PAT36764           Receipt Date:         12/30/2015				

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PATENT 12/30/2015

Docket No.: Only After Sept 18, 2012

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

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

Whereas, Renesas Electronics Corporation of Kanagawa, 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.

Access to Application by Participating Office.

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.

(Legalization not required for recording	but is prima facie evidence of execution under 35 USC 261)			
As the below named inventor, I hereby	declare 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:				
A SEMIO	CONDUCTOR DEVICE AND A MANUFACTURING METHOD THEREOF			
The above identified application was ma	ade or was authorized to be made by me.			
I believe that I am the original inventor	or an 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 the	he Office all information known to me to be material to patentability as defined in 37 CFR 1.56.			
I hereby acknowledge that any willful fa or imprisonment of not more than five	else statement made in this assignment with declaration is punishable under 18 USC 1001 by fine (5) years, or both.			
Authorization To Permit Access To A	pplication by Participating Office			
(JPO), the Korean Intellectual Property property offices in which a foreign appl patent application. See 37 CFR 1.14(c)	y grants the USPTO authority to provide the European Patent Office (EPO), the Japan Patent Office (KIPO), the World Intellectual Property Office (WIPO), and any other intellectual loation claiming priority to the above-identified application is filed access to the above-identified and (h). This box should not be checked if the applicant does not wish the EPO, JPO, KIPO, or ch a foreign 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 appli	access will be provided to a copy of the application—as-filed with respect to: 1) the above— ) any foreign application to which the above—identified application claims priority under 35 USC cation that satisfies the certified copy requirement of 37 CFR 1.55 has been filed in the above— / U.S. application—as-filed from which benefit is sought in the above—identified patent application.			
In accordance with 37 CER 114(c) access may be provided to information concerning the date of filing the Authorization to Permit				

Page 1 of 2

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Inventor's Signature	Takashi	Terada	Date August	30, 20/4
			V	
Legal Name of Additional	Inventor, If Any	Shinya HORI	***************************************	
Invantor's Simosture			Date	

Docket No.: Only After Sept 16, 2012

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

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

Whereas, Renesas Electronics Corporation of Kanagawa, 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.

Access to Application by Participating Office.

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.

consideration all papers deemed neces the assignee.	sary by	the assignee in connection with the United States application when called upon to do so by
(Legalization not required for recording	, but is	prima facie evidence of execution under 35 USC 261)
As the below named inventor, I hereby	declar	e 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:		
<u>A SEMI</u>	CONDU	ICTOR DEVICE AND A MANUFACTURING METHOD THEREOF
The above identified application was n	ade or	was authorized to be made by me.
I believe that I am the original invento	roran	original joint inventor of a claimed invention in the application.
I have reviewed and understand the c	ontents	of the application for which this assignment with declaration is being submitted.
I am aware of the duty to disclose to	he Offi	ce all information known to me to be material to patentability as defined in 37 CFR 1.56.
I hereby acknowledge that any willful to or imprisonment of not more than five		atement made in this assignment with declaration is punishable under 18 USC 1001 by fine urs, or both.
Authorization To Permit Access To A	Applicat	cion by Participating Office
(JPO), the Korean Intellectual Propert property offices in which a foreign app patent application. See 37 CFR 1.14(c	y Offic lication ) and (h	s the USPTO authority to provide the European Patent Office (EPO), the Japan Patent Office (KIPO), the World Intellectual Property Office (WIPO), and any other intellectual claiming priority to the above-identified application is filed access to the above-identified applicant does not wish the EPO, JPO, KIPO, or preign application claiming priority to the above-identified application is filed to have
identified patent application-as-filed, 119(a)-(d) if a copy of the foreign app	2) any f lication	s will be provided to a copy of the application—as—filed with respect to: 1) the above— foreign 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— application—as—filed from which benefit is sought in the above—identified patent application.
In accordance with 37 CFR 1.14(c) as	cess m	hav be provided to information concerning the date of filing the Authorization to Permit

Page 1 of 2

Legal Name of Inventor	Takashi TERADA			THE STREET AND ADDRESS OF THE STREET AND ADD
Inventor's Signature		and the state of t	Date	
Legal Name of Additional b	nventor, If Any	Shinya HORI	·	
Inventor's Signature	Shinya	Hori	Date_ Tourista	L August 25, 2014
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