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PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Hironobu TAOKA	06/03/2013

RECEIVING PARTY DATA

Name:	Renesas Electronics Corporation	
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State/Country:	JAPAN	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13724444

CORRESPONDENCE DATA

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Effie Hale for George C. Beck
/Effie Hale/
07/31/2013
This document serves as an Oath/Declaration (37 CFR 1.63).

Total Attachments: 1

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PATENT REEL: 030913 FRAME: 0112)P \$40.00 13724444

R112189

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,

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.	ou necossary by	and assigned in controller, was the control expense and the second approximation of th
(Legalization not required for	recording but is p	rims facie evidence of execution under 35 USC 261)
As the below named inventor	I hereby declare	that:
This assignment with declarate directed to:	tion is	The attached application, or
	\boxtimes	United States Application or PCT International Application Number 13/724444
		filed on December 21, 2012
The application is entitled:		
	SIN	MULATION DEVICE AND SIMULATION PROGRAM
The above identified applicati	on was made or w	vas authorized to be made by me.
I believe that I am the origina	l inventor or an o	riginal joint inventor of a claimed invention in the application.
I have reviewed and understa	nd the contents o	of the application for which this assignment with declaration is being submitted.
I am aware of the duty to dis-	close to the Offic	e all information known to me to be material to patentability as defined in 37 CFR 1.56.
I hereby acknowledge that an or imprisonment of not more		ement made in this assignment with declaration is punishable under 18 USC 1001 by fine s, or both.
Authorization To Permit Acc	ess To Application	on by Participating Office
(JPO), the Korean Intellectua property offices in which a fo patent application. See 37 CF	l Property Office reign application of R 1.14(c) and (h)	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. 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- 119(a)-(d) if a copy of the for	as-filed, 2) any fo reign application t	will be provided to a copy of the application—as—filed with respect to: 1) the above—reign application to which the above—identified application claims priority under 35 USC hat satisfies the certified copy requirement of 37 CFR 1.55 has been filed in the above—uplication—as—filed from which benefit is sought in the above—identified patent application.
In accordance with 37 CFR 1 Access to Application by Par		y be provided to information concerning the date of filing the Authorization to Permit
Legal Name of Inventor	Hironobu TAOKA	
Inventor's Signature	Hóronobu	Jaoka Date June 3, 2013

PATENT REEL: 030913 FRAME: 0113

RECORDED: 07/31/2013