507170464 03/10/2022

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT7217310

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
GUSTAVO JAMES MEHAS	01/06/2022
MARCIN KAMIL AUGUSTYNIAK	02/25/2022
GIOVANNI FIGLIOZZI	01/11/2022

RECEIVING PARTY DATA

Name:	RENESAS ELECTRONICS AMERICA INC.	
Street Address:	1001 MURPHY RANCH ROAD	
City:	MILPITAS	
State/Country:	CALIFORNIA	
Postal Code:	95035	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	17691315

CORRESPONDENCE DATA

Fax Number:

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: 5167424343 **Email:** xli@ssmp.com

Correspondent Name: SCULLY, SCOTT, MURPHY & PRESSER, P.C.

Address Line 1: 400 GARDEN CITY PLAZA ,SUITE 300 Address Line 4: GARDEN CITY, NEW YORK 11530

ATTORNEY DOCKET NUMBER:	40239
NAME OF SUBMITTER:	CHAO WEI CHUNG
SIGNATURE:	/Chao Wei Chung/
DATE SIGNED:	03/10/2022
This document serves as an Oath/Declaration (37 CFR 1.63).	

Total Attachments: 6

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PATENT 507170464 REEL: 059222 FRAME: 0357

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SSMP DOCKENT NO.:	40239	
RENESAS REF. NO.:	R211467-US	_

DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76) AND ASSIGNMENT FOR SINGLE ASSIGNEE

Title of Invention:	CALIBRATION AND SYNCHRONIZATION OF GROUND CURRENT SENSING AMPLIFIER WITH WIRELESS POWER TRANSMITTER CONTROLLER			
As the below named inventor, I hereby declare that:				
This declaration	is directed to:			
\boxtimes	the attached application, or			
	United States application or PCT international application number filed on			

The above-identified application was made or 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 am aware of the duty to disclose to the United States Patent and Trademark Office all information known to me to be material to patentability as defined in 37 CFR 1.56.

Whereas, the undersigned inventor has made certain inventions, improvements and discoveries (herein referred to as the "Invention") disclosed in the above-identified patent application;

Whereas, RENESAS ELECTRONICS AMERICA INC., having a place of business at 1001 MURPHY RANCH ROAD, MILPITAS, CALIFORNIA 95035, USA, desires to acquire, and the undersigned inventor desires to grant to RENESAS ELECTRONICS AMERICA INC., the entire worldwide right, title and interest in and to any and all patent applications and patents directed thereto;

Now, therefore, in consideration of One Dollar (\$1.00), and other good and valuable considerations, the receipt of which is hereby acknowledged, the undersigned inventor hereby sells, assigns and transfers to **RENESAS ELECTRONICS AMERICA INC.** (the "Assignee"), its successors, assigns and legal representatives, the entire right, title and interest for all countries, in and to the Invention, the above-identified United States patent application, and any and all other patent applications and patents for the Invention which may be applied for or granted therefor in the United States and in all foreign countries and jurisdictions, including all divisional, continuing, substitute, reexamination, renewal, reissue and extensions thereof, and all rights of priority resulting from the filing of such applications and granting of such patents. In addition, the undersigned inventor hereby authorizes and requests the Commissioner of Patents to issue, in accordance with this assignment, any and all United States Letters Patent, and foreign patent

authorities to issue any foreign patent, granted for the Invention to said Assignee, its successors, assigns and legal representatives; and agreeing to carry out in good faith the intent and purpose of this assignment, the undersigned inventor will, for the United States and all foreign countries, execute all divisional, continuing, substitute, renewal, reissue and all other patent applications on any and all said improvements; execute all rightful oaths, assignments, powers of attorney and other papers; communicate to said Assignee, its successors, assigns and legal representatives, all facts known to the undersigned inventor relating to said improvements and the history thereof; testify in all legal proceedings; and generally do everything possible which said Assignee, its successors, assigns or legal representatives shall consider desirable for aiding in securing, maintaining and enforcing proper patent protection for said improvements and for vesting title to said improvements and all applications for patents and all patents on said improvements, in said Assignee, its successors, assigns and legal representatives; and

Covenant with said Assignee, its successors, assigns and legal representatives that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned inventor, and that full right to convey the same as herein expressed is possessed by the undersigned inventor.

I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

LEGAL NAME OF INVENTOR			
Inventor (Printed Name):	Gustavo James MEHAS	Date (MM-DD-YYYY):	01 / 06 / 2022
Signature:	dustavo James Mehas		

SCULLY, SCOTT, MURPHY & PRESSER, PC

400 GARDEN CITY PLAZA, SUITE 300, GARDEN CITY, NY 11530 Telephone: (516) 742-4343 Facsimile: (516) 742-4366 Email: intprop@ssmp.com

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RENESAS REF. NO.:	RZ11707"C/IV

DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76) AND ASSIGNMENT FOR SINGLE ASSIGNEE

Title	of
Inven	ition:

CALIBRATION AND SYNCHRONIZATION OF GROUND CURRENT

SENSING AMPLIFIER WITH WIRELESS POWER TRANSMITTER

CONTROLLER

As the below named inventor, I hereby declare that:

This declaration is directed to:

\boxtimes	the attached application, or	
	United States application or PCT international application number file	d
	on	

The above-identified application was made or authorized to be made by me.

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Now, therefore, in consideration of One Dollar (\$1.00), and other good and valuable considerations, the receipt of which is hereby acknowledged, the undersigned inventor hereby sells, assigns and transfers to RENESAS ELECTRONICS AMERICA INC. (the "Assignee"), its successors, assigns and legal representatives, the entire right, title and interest for all countries, in and to the Invention, the above-identified United States patent application, and any and all other patent applications and patents for the Invention which may be applied for or granted therefor in the United States and in all foreign countries and jurisdictions, including all divisional, continuing, substitute, reexamination, renewal, reissue and extensions thereof, and all rights of priority resulting from the filing of such applications and granting of such patents. In addition, the undersigned inventor hereby authorizes and requests the Commissioner of Patents to issue, in accordance with this assignment, any and all United States Letters Patent, and foreign patent

REEL: 059222 FRAME: 0361

authorities to issue any foreign patent, granted for the Invention to said Assignee, its successors, assigns and legal representatives; and agreeing to carry out in good faith the intent and purpose of this assignment, the undersigned inventor will, for the United States and all foreign countries, execute all divisional, continuing, substitute, renewal, reissue and all other patent applications on any and all said improvements; execute all rightful oaths, assignments, powers of attorney and other papers; communicate to said Assignee, its successors, assigns and legal representatives, all facts known to the undersigned inventor relating to said improvements and the history thereof; testify in all legal proceedings; and generally do everything possible which said Assignee, its successors, assigns or legal representatives shall consider desirable for aiding in securing, maintaining and enforcing proper patent protection for said improvements and for vesting title to said improvements and all applications for patents and all patents on said improvements, in said Assignee, its successors, assigns and legal representatives; and

Covenant with said Assignee, its successors, assigns and legal representatives that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned inventor, and that full right to convey the same as herein expressed is possessed by the undersigned inventor.

I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

Inventor (Printed Name):	Marcin Kamil AUGUSTYNIAK	Date (MM-DD-YYYY): 02.25. 2011
Signature:		

LEGAL NAME OF INVENTOR

SCULLY, SCOTT, MURPHY & PRESSER, PC
400 GARDEN CITY PLAZA, SUITE 300, GARDEN CITY, NY 11530
Telephone: (516) 742-4343 Facsimile: (516) 742-4366 Email: intprop@ssmp.com

PATENT REEL: 059222 FRAME: 0362

SSMP DOCKENT NO.:	40239
RENESAS REF. NO.:	R211467-US

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This declaration	is directed to:			
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	United States application or PCT international application number filed on			

The above-identified application was made or 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.

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SSMP-RENESAS DECASSIGN (12-2020)

authorities to issue any foreign patent, granted for the Invention to said Assignee, its successors, assigns and legal representatives; and agreeing to carry out in good faith the intent and purpose of this assignment, the undersigned inventor will, for the United States and all foreign countries, execute all divisional, continuing, substitute, renewal, reissue and all other patent applications on any and all said improvements; execute all rightful oaths, assignments, powers of attorney and other papers; communicate to said Assignee, its successors, assigns and legal representatives, all facts known to the undersigned inventor relating to said improvements and the history thereof; testify in all legal proceedings; and generally do everything possible which said Assignee, its successors, assigns or legal representatives shall consider desirable for aiding in securing, maintaining and enforcing proper patent protection for said improvements and for vesting title to said improvements and all applications for patents and all patents on said improvements, in said Assignee, its successors, assigns and legal representatives; and

Covenant with said Assignee, its successors, assigns and legal representatives that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned inventor, and that full right to convey the same as herein expressed is possessed by the undersigned inventor.

I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

LEGAL NAME OF INVENTOR					
Inventor (Printed Name):	Giovanni FIGLIOZZI	Date (MM-DD-YYYY):	01 / 11 / 2022		
Signature:	Giovani Diglogil		***************************************		

SCULLY, SCOTT, MURPHY & PRESSER, PC

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