506118781 06/22/2020

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
SATOSHI KAWABATA	06/01/2020

RECEIVING PARTY DATA

Name:	MITSUBISHI ELECTRIC CORPORATION	
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City:	TOKYO	
State/Country:	JAPAN	
Postal Code:	100-8310	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16908378

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ATTORNEY DOCKET NUMBER:	004700-ME0459
NAME OF SUBMITTER:	TIM L. BRACKETT, JR.
SIGNATURE:	/Tim L. Brackett, Jr./
DATE SIGNED:	06/22/2020
	This document serves as an Oath/Declaration (37 CFR 1.63).

Total Attachments: 2

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> **PATENT REEL: 053005 FRAME: 0099** 506118781



Attornev	Docket No.		

COMBINED DECLARATION (37 CFR 1.63) AND ASSIGNMENT OF APPLICATION FOR UNITED STATES LETTERS PATENT

Title of Invention:			
SEMICONDUCTOR MODULE AND SEMICON	DUCTOR DEVICE		
私は、以下に配名された発明者として、ここに下 記の通り宣言する:	As a below named inventor, I hereby declare that:		
本宣言書は、以下の出願に対するものである:	This declaration is directed to:		
□ 添付された出願、あるいは、 □ 米国出願番号またはPCT国際出願番号は、 であり、且つ の日に出願された出願 (該当する場合)	☐ The attached application, or ☐ United States application or PCT international application number		
上記出願書(明細書及び図面)は、私が作成した ものか、あるいは私がその作成を許可したもの である。	The above-identified application was made or authorized to be made by me.		
私は、本米国出願の請求範囲で記載された発明 に対する原発明者であるか、或いは、原共同発 明者であると信じている。	I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.		
私は、ここでの宣誓または陳述において故意に 偽りを述べた場合、合衆国法典第18巻第1001条 に基づき、罰金あるいは5年以下の懲役、また は、両方の懲罰を受けることを認める。	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.		
	STATEMENT OF ACCURATE TRANSLATION IN ACCORDANCE WITH 37 CFR 1.69(b):		
	The Declaration and Assignment for Patent and Design Applications is an accurate translation of the corresponding English language Declaration and Assignment for Patent and Design Applications		
	Signature:		
	Date: <u>11/15/2012</u>		

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Attorney Docket No.



being designated.

WHEREAS improvement relating	the undersigned, hereinafter reg	ferred to as the assignor, ation.	has invented a certain
The inventor declara	ition for said application is com	bined herewith.	4
[×] said application	to be filed in the United States	Patent and Trademark Of	ffice;
authorization being h CUSTOMER NUMBI	having been filed in the United hereby given to the practitioner ER 78198, to insert here in pa mber of said application when i	s associated with <u>STUDEB</u> rentheses (Application Sei	AKER & BRACKETT PC's
[] said application	having been filed under the Pa	atent Cooperation Treaty	the United States of America

AND WHEREAS Mitsubishi Electric Corporation of 7-3, Marunouchi 2-chome, Chiyoda-ku. Tokyo 100-8310. Japan, hereinafter referred to as the assignee, is desirous of acquiring the entire right, title and interest in and to said application, including any and all divisions and continuations thereof, and in and to said invention and any and all patents which may be granted therefor, including any and all renewals, reissues and prolongations thereof;

NOW, that for and in consideration of One Dollar (\$1.00), and other good and valuable consideration paid by said assignee to said assignor, the receipt of which is hereby acknowledged, said assignor hereby assigns, sells and transfers to said assignee, and said assignee's successors and assigns, the full and exclusive right, title and interest in and to said application, including any and all divisions and continuations thereof, and in and to said invention and any and all patents which may be granted therefor, including any and all renewals, reissues and prolongations thereof; said assignee, and said assignee's successors and assigns, to have, hold, exercise and enjoy the said application, including any and all divisions and continuations thereof, and the said invention and any and all patents which may be granted therefor, including any and all renewals, reissues and prolongations thereof, with all the rights, powers, privileges and advantages in anywise arising from or appertaining thereto, for and during the term or terms of any and all such patents when granted, including any and all renewals, reissues and prolongations thereof, for the use and benefit of said assignee, and said assignee's successors and assigns, in as ample and beneficial a manner as the said assignor might or could have held and enjoyed the same, if this assignment had not been made.

AND said assignor hereby agrees to perform, upon the request of said assignee, or said assignee's successors or assigns, any and all acts relating to the obtaining or to the asserting of said patents, including any and all renewals, reissues and prolongations thereof.

AND said assignor authorizes and requests the Commissioner of Patents and Trademarks to issue Letters Patent on said application, and on any and all divisions and continuations thereof, to said assignee, and said assignee's successors and assigns, in accordance herewith.

The undersigned hereby grants the law firm of STUDEBAKER & BRACKETT PC the power to insert on the Assignment portion of this combined Declaration and Assignment any further identification which may be necessary or desirable in order to comply with the rules of the U.S. Patent and Trademark Office for recordation of this document.

This combined Declaration and Assignment has been executed by the undersigned on the date opposite the undersigned name.

発明者氏名/ Legal Name of Inventor Satoshi KAWABATA		
発明者の署名/ Signature ルド知 見心	目付/Date June 0/1,2020	

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REEL: 053005 FRAME: 0101