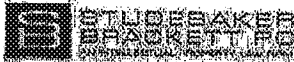


PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT6061442

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
	Name	Execution Date
	DAISUKE MURATA	03/10/2020
RECEIVING PARTY DATA		
Name:	MITSUBISHI ELECTRIC CORPORATION	
Street Address:	7-3, MARUNOUCHI 2-CHOME, CHIYODA-KU	
City:	TOKYO	
State/Country:	JAPAN	
Postal Code:	100-8310	
PROPERTY NUMBERS Total: 1		
Property Type	Number	
Application Number:	16848770	
CORRESPONDENCE DATA		
Fax Number:	(703)390-1277	
<i>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.</i>		
Phone:	703 390 9051	
Email:	info@sbpatentlaw.com	
Correspondent Name:	STUDEBAKER & BRACKETT PC	
Address Line 1:	8255 GREENSBORO DRIVE	
Address Line 2:	SUITE 300	
Address Line 4:	TYSONS, VIRGINIA 22102	
ATTORNEY DOCKET NUMBER:	004700-ME0445	
NAME OF SUBMITTER:	TIM L. BRACKETT, JR.	
SIGNATURE:	/Tim L. Brackett, Jr./	
DATE SIGNED:	04/14/2020	
	This document serves as an Oath/Declaration (37 CFR 1.63).	
Total Attachments: 2		
source=dec-asn#page1.tif		
source=dec-asn#page2.tif		



187 電 669011US01
T7647US

Attorney Docket No. _____

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

Title of Invention:

**SEMICONDUCTOR DEVICE AND METHOD FOR MANUFACTURING SEMICONDUCTOR
DEVICE**

私は、以下に記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
_____の日に提出された出願
(該当する場合)

- ☒ The attached application, or
☐ United States application or PCT international
application number _____
filed on _____

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に記載された発明
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。

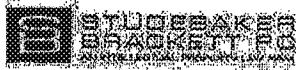
I hereby acknowledge that any willful false statement made
in this declaration is punishable under 18 U.S.C. 1001 by
fine or imprisonment of not more than five (5) years, or
both.

**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: 11/15/2012



669011US01
T7647US

Attorney Docket No. _____

WHEREAS the undersigned, hereinafter referred to as the assignor, has invented a certain improvement relating to the above identified application.

The inventor declaration for said application is combined herewith.

☒ said application to be filed in the United States Patent and Trademark Office;

☐ said application having been filed in the United States Patent and Trademark Office on, _____ authorization being hereby given to the practitioners associated with STUDEBAKER & BRACKETT PC's CUSTOMER NUMBER 78198, to insert here in parentheses (Application Serial No. _____) the application serial number of said application when known;

☐ said application having been filed under the Patent Cooperation Treaty on _____, as Serial No. _____, the United States of America being designated.

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 Daisuke MURATA	
発明者の署名/ Signature 村田 大輔	日付/ Date March 10, 2020