504540349 09/11/2017

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4587056

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
YASUO YAMAGUCHI	08/01/2017
MIKA OKUMURA	08/02/2017

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:	15700203

CORRESPONDENCE DATA

Fax Number: (703)390-1277

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.

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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-ME0257
NAME OF SUBMITTER: TIM L. BRACKETT, JR.	
SIGNATURE:	/Tim L. Brackett, Jr./
DATE SIGNED:	09/11/2017
This document serves as an Oath/Declaration (37 CFR 1.63).	

Total Attachments: 3

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> **PATENT REEL: 043540 FRAME: 0713** 504540349



Attorney	Docket	No		
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COMBINED DECLARATION (37 CFR 1.63) AND ASSIGNMENT OF APPLICATION FOR UNITED STATES LETTERS PATENT

· · · · · · · · · · · · · · · · · · ·	
Title of Invention:	
SEMICONDUCTOR DEVICE AND SEMICOND	DUCTOR DEVICE MANUFACTURING METHOD
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、の日に出願された出願(該当する場合)	☐ 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: **X**********************************
	Date: <u>11/15/2012</u>

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	Attorney bocket No.
WHEREAS the undersigned, hereinafter reference improvement relating to the above identified application	erred to as the assignor, has invented a certain on.
The inventor declaration for said application is combi	ned herewith.
$[\times]$ said application to be filed in the United States F	Patent and Trademark Office;
[] said application having been filed in the United Sauthorization being hereby given to the practitioners of CUSTOMER NUMBER 78198, to insert here in pare application serial number of said application when kn	associated with <u>STUDEBAKER & BRACKETT PC's</u> Intheses (Application Serial No.) the
[] said application having been filed under the Pate as Serial No, the Unite	ent Cooperation Treaty on, ed States of America being designated.
100-8310, Japan, hereinafter referred to as the assig interest in and to said application, including any and a	ration of 7-3, Marunouchi 2-chome, Chlyoda-ku, Tokyo nee, is desirous of acquiring the entire right, title and all divisions and continuations thereof, and in and to said ed therefor, including any and all renewals, reissues and
paid by said assignee to said assignor, the receipt of assigns, sells and transfers to said assignee, and said exclusive right, title and interest in and to said applicathereof, and in and to said invention and any and all pall renewals, reissues and prolongations thereof; said to have, hold, exercise and enjoy the said application, and the said invention and any and all patents which reissues and prolongations thereof, with all the rights, from or appertaining thereto, for and during the term of including any and all renewals, reissues and prolongations.	ation, including any and all divisions and continuations latents which may be granted therefor, including any and assignee, and said assignee's successors and assigns, including any and all divisions and continuations thereof, may be granted therefor, including any and all renewals, powers, privileges and advantages in anywise arising or terms of any and all such patents when granted, ations thereof, for the use and benefit of said assignee, mple and beneficial a manner as the said assignor might
AND said assignor hereby agrees to perform, successors or assigns, any and all acts relating to the any and all renewals, reissues and prolongations ther	upon the request of said assignee, or said assignee's obtaining or to the asserting of said patents, including reof.
AND said assignor authorizes and requests the Letters Patent on said application, and on any and all casaid assignee's successors and assigns, in accordance	he Commissioner of Patents and Trademarks to issue divisions and continuations thereof, to said assignee, and ce herewith.
The undersigned hereby grants the law firm on the Assignment portion of this combined Declaration of the necessary or desirable in order to comply with the ecordation of this document.	of STUDEBAKER & BRACKETT PC the power to insert on and Assignment any further identification which may rules of the U.S. Patent and Trademark Office for
This combined Declaration and Assignment hopposite the undersigned name.	as been executed by the undersigned on the date
卷明者氏名/ Legal Name of Inventor Yasuo YAMAGUCHI	
送明者の署名/ Signature Yasuo Yamaquchi	目付/ Date A Ugust 1,2017
- TAISO - TAIMAGOOM	(10,05) /120//

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Attorney	/ Docket No.	
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SUPPLEMENTAL SHEET FOR DECLARATION AND ASSIGNMENT

宣言書ならびに譲渡証の補足シート

発明者氏名/ Legal Name of Inventor Mika OKUMURA	:
発明者の署名/ Signature Mika O Kumura	目付1 Date August 02,2017
発明者氏名/ Legal Name of Inventor	
発明者の署名/ Signature	日付/ Date
発明者氏名/ Legal Name of Inventor	
発明者の署名/ Signature	日付/ Date
発明者氏名/ Legal Name of Inventor	
発明者の署名/ Signature	日付/ Date
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発明者の署名/ Signature	日付/ Date
発明者氏名/ Legal Name of Inventor	
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RECORDED: 09/11/2017