

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT6027498

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
MAKOTO SHIBUYA	03/04/2020
KENGO AOYA	03/04/2020
WOOCHAN KIM	03/03/2020
VIVEK KISHORECHAND ARORA	03/03/2020
RECEIVING PARTY DATA	
Name:	TEXAS INSTRUMENTS INCORPORATED
Street Address:	12500 TI BOULEVARD
Internal Address:	M/S 3999
City:	DALLAS
State/Country:	TEXAS
Postal Code:	75243
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	16827455
CORRESPONDENCE DATA	
Fax Number:	(214)567-2228
<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:	214-479-1230
Email:	uspto@ti.com
Correspondent Name:	TEXAS INSTRUMENTS INCORPORATED
Address Line 1:	P O BOX 655474, MS 3999
Address Line 4:	DALLAS, TEXAS 75265
ATTORNEY DOCKET NUMBER:	TI-91395
NAME OF SUBMITTER:	CHRISTOPHER P. HARRIS
SIGNATURE:	/Christopher P Harris/
DATE SIGNED:	03/23/2020
Total Attachments: 3	
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ASSIGNMENT

WHEREAS, I, the undersigned inventor (or one of the undersigned joint inventors), of residence as listed, having invented certain new and useful improvements as below entitled, for which application for United States Letters Patent is made.

WHEREAS, TEXAS INSTRUMENTS INCORPORATED, a corporation organized and existing under the laws of the State of Delaware, with a place of business at 12500 TI Boulevard, M/S 3999, Dallas, Texas 75243, is desirous of acquiring my entire right, title and interest in and to the said invention, and to the said application and any Letters Patent that may issue thereon, as well as to U.S. Provisional Application No(s) 62/946066 filed 10 December 2019.

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, I hereby sell and assign unto the said TEXAS INSTRUMENTS INCORPORATED, its successors and assigns, my entire right, title and interest in and to the said invention and in and to the said application(s) and all patents which may be granted therefor, and all divisions, reissues, substitutions, continuations, and extensions thereof; and I hereby authorize and request the Patent and Trademark Office to issue all patents for said invention, or patents resulting therefrom, to the said TEXAS INSTRUMENTS INCORPORATED, as assignee of my entire right, title and interest.

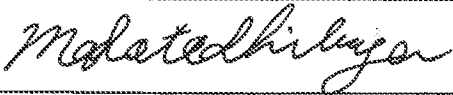
I also hereby sell and assign to TEXAS INSTRUMENTS INCORPORATED, its successors and assigns, my corresponding rights to the invention disclosed in said application in all other countries of the world, including the right to claim priority, file applications and obtain patents under the terms of the Paris Convention for the Protection of Industrial Property, and further agree to execute any and all patent applications, assignments, affidavits, and any other papers in connection therewith necessary to perfect such rights.

I hereby further agree that I will communicate to said TEXAS INSTRUMENTS INCORPORATED, or to its successors, assigns, and legal representatives, any facts known to me respecting said invention, and at the expense of said assignee company, testify in any legal proceedings, sign all lawful papers, execute all divisional, continuation, reissue and substitute applications, make all lawful oaths, and generally do everything possible to aid said TEXAS INSTRUMENTS INCORPORATED, its successors, assigns and nominees to obtain and enforce proper patent protection for said invention in all countries.

I authorize the later insertion of the nonprovisional application number and filing date hereinbelow.

IN WITNESS WHEREOF, I hereunto set hand and seal this day and year;

TITLE	IC PACKAGE WITH HALF-BRIDGE POWER MODULE		
NONPROVISIONAL APPLICATION NO.	16/827455	FILING DATE	23 March 2020

SIGNATURE OF INVENTOR	
PRINTED NAME OF INVENTOR	MAKOTO SHIBUYA
DATE	3/4 '20
RESIDENCE (CITY AND STATE)	Beppu City, Oita-Pref, JAPAN

Application No. 16/827455

Attorney Docket No. TI-91395

SIGNATURE OF INVENTOR	<i>Kengo Aoya</i>
PRINTED NAME OF INVENTOR	KENGO AOYA
DATE	3/4 '20
RESIDENCE (CITY AND STATE)	Beppu City, Oita-Pref, JAPAN

SIGNATURE OF INVENTOR	
PRINTED NAME OF INVENTOR	WOOCHAN KIM
DATE	
RESIDENCE (CITY AND STATE)	San Jose, CALIFORNIA

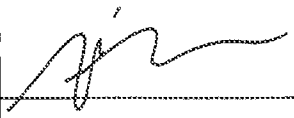
SIGNATURE OF INVENTOR	
PRINTED NAME OF INVENTOR	VIVEK KISHORECHAND ARORA
DATE	
RESIDENCE (CITY AND STATE)	San Jose, CALIFORNIA

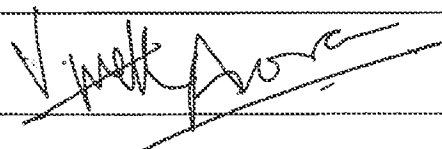
After recording, return Assignment to: Texas Instruments Incorporated
P.O. Box 655474, (M/S 3999)
Dallas, Texas 75265

Application No. 16/827455

Attorney Docket No. TI-91395

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PRINTED NAME OF INVENTOR	KENGO AOYA
DATE	
RESIDENCE (CITY AND STATE)	Beppu City, Oita-Pref, JAPAN

SIGNATURE OF INVENTOR	
PRINTED NAME OF INVENTOR	WOOCHAN KIM
DATE	03/03/2020
RESIDENCE (CITY AND STATE)	San Jose, CALIFORNIA

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