505811079 12/09/2019

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
IVAN SHUMKOV	12/06/2019
CHRISTIAN HARDER	12/06/2019
ERICH-JOHANN BAYER	12/06/2019
JOERG KIRCHNER	12/09/2019
GAETANO PETRINA	12/09/2019

RECEIVING PARTY DATA

Name:	TEXAS INSTRUMENTS INCORPORATED	
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State/Country:	TEXAS	
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PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16708066

CORRESPONDENCE DATA

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TEXAS INSTRUMENTS INCORPORATED **Correspondent Name:**

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ATTORNEY DOCKET NUMBER:	TI-90304
NAME OF SUBMITTER:	COLLEEN F. BROWN
SIGNATURE:	/Colleen F. Brown/
DATE SIGNED:	12/09/2019

PATENT REEL: 051221 FRAME: 0747 505811079

Total Attachments: 3

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PATENT REEL: 051221 FRAME: 0748

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.

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	CURRENT SENSE CIRCUIT TOPOLOGY		
NONPROVISIONAL APPLICATION NO.	16/708,066	FILING DATE	December 9, 2019
SIGNATURE OF INVENTOR	MARKE	.e. v	
PRINTED NAME OF INVENTOR	Ivan SHUMKOV		
DATE	12/06/201	9	
RESIDENCE CITY AND COUNTRY)	Freising, Germany		

SIGNATURE OF INVENTOR	Arichan Vall
PRINTED NAME OF INVENTOR	Christian HARDER
DATE	12/6/2019
RESIDENCE (CITY AND COUNTRY)	Freising, Germany

SIGNATURE OF INVENTOR	46 By
PRINTED NAME OF INVENTOR	Erich-Johann BAYER
DATE	12/06/2019
RESIDENCE (CITY AND COUNTRY)	Thonhausen, Germany

SIGNATURE OF INVENTOR	2//2-
PRINTED NAME OF INVENTOR	Joerg KIRCHNER
DATE	12/09/2019
RESIDENCE (CITY AND COUNTRY)	Mauem, Germany

SIGNATURE OF INVENTOR	Goetso Dhina	
PRINTED NAME OF INVENTOR	Gaetano PETRINA	
DATE	12/09/2019	
RESIDENCE (CITY AND COUNTRY)	Kirchdorf, Germany	,

After recording, return Assignment to:

Texas Instruments Incorporated PO Box 655474, M/S 3999 Dallas, Texas 75265

RECORDED: 12/09/2019