

## PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT5300957

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
SUNGLYONG KIM	11/26/2018
SEETHARAMAN SRIDHAR	11/26/2018
HONG YANG	11/26/2018
YA PING CHEN	11/28/2018
YUNLONG LIU	11/28/2018
FEI MA	11/28/2018
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	TEXAS INSTRUMENTS INCORPORATED
<b>Street Address:</b>	12500 TI BOULEVARD
<b>Internal Address:</b>	M/S 3999
<b>City:</b>	DALLAS
<b>State/Country:</b>	TEXAS
<b>Postal Code:</b>	75243
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	16233643
<b>CORRESPONDENCE DATA</b>	
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<b>ATTORNEY DOCKET NUMBER:</b>	TI-79354
<b>NAME OF SUBMITTER:</b>	ARLENE J. SIMON
<b>SIGNATURE:</b>	/Arlene J. Simon/
<b>DATE SIGNED:</b>	12/27/2018

PATENT

**Total Attachments: 3**

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Serial No.

Attorney Docket No.  
TI-79354

## 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.


NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, I hereby sell and assign to the said TEXAS INSTRUMENTS INCORPORATED, its successors and assigns, my entire right, title and interest in and to the said invention and in to the said application and all patents which may be granted therefore, and all divisions, reissues, substitutions, continuations, and extensions thereof; and I hereby authorize and request the Commissioner of Patents and Trademarks to issue all patents for said invention, or patent resulting therefrom, insofar as my interest is concerned, to the said TEXAS INSTRUMENTS INCORPORATED, as assignee of my entire right, title and interest.

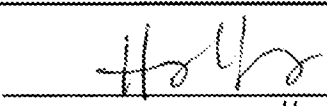
I also hereby sell and assign to TEXAS INSTRUMENTS INCORPORATED, its successors and assigns, my foreign rights to the invention disclosed in said application, in all countries of the world, including the right to file applications and obtain patents under the terms of the Paris Convention for the Protection 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 patent rights.

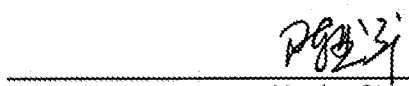
I hereby further agree that I will communicate to said TEXAS INSTRUMENTS INCORPORATED, or to its successors, assigns, and legal representatives, any facts known to me respecting said invention, and at the expense of said assignee company, testify in any legal proceedings, sign all lawful papers, execute 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.

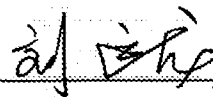
IN WITNESS WHEREOF, I hereunto set hand and seal this day and year;


TITLE OF INVENTION	VERTICAL TRENCH GATE MOSFET WITH DEEP WELL REGION FOR JUNCTION TERMINATION
SIGNATURE OF INVENTOR AND NAME	 Sunglyong Kim
DATE	11 / 26 / 18
RESIDENCE (CITY AND STATE)	Allen, TX

TITLE OF INVENTION	VERTICAL TRENCH GATE MOSFET WITH DEEP WELL REGION FOR JUNCTION TERMINATION
SIGNATURE OF INVENTOR AND NAME	 Seetharaman Sridhar
DATE	11/26/18
RESIDENCE (CITY AND STATE)	Richardson, TX

TITLE OF INVENTION	VERTICAL TRENCH GATE MOSFET WITH DEEP WELL REGION FOR JUNCTION TERMINATION
SIGNATURE OF INVENTOR AND NAME	 Hong Yang
DATE	11/26/2018
RESIDENCE (CITY AND STATE)	Richardson, TX

TITLE OF INVENTION	VERTICAL TRENCH GATE MOSFET WITH DEEP WELL REGION FOR JUNCTION TERMINATION
SIGNATURE OF INVENTOR AND NAME	 Ya ping Chen
DATE	2018.11.28
RESIDENCE (CITY AND COUNTRY)	Chengdu, China

TITLE OF INVENTION	VERTICAL TRENCH GATE MOSFET WITH DEEP WELL REGION FOR JUNCTION TERMINATION
SIGNATURE OF INVENTOR AND NAME	 Yunlong Liu
DATE	2018.11.28
RESIDENCE (CITY AND COUNTRY)	Chengdu, China

TITLE OF INVENTION	VERTICAL TRENCH GATE MOSFET WITH DEEP WELL REGION FOR JUNCTION TERMINATION
SIGNATURE OF INVENTOR AND NAME	 Fei Ma
DATE	2018.11.28
RESIDENCE (CITY AND COUNTRY)	Chengdu, China

After recording, return Assignment to:

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Dallas, TX 75265