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PATENT ASSIGNMENT COVER SHEET

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CONVEYING PARTY	DATA				
		Name		Execution I	Date
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RECEIVING PARTY D	ΑΤΑ				
Name:	TEXAS	TEXAS INSTRUMENTS INCORPORATED			
Street Address:	12500	12500 TI BOULEVARD, MS 3999			
City:	DALLA	DALLAS			
State/Country:	TEXAS	TEXAS			
Postal Code:	75243	75243			
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ASSIGNMENT

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For good and valuable consideration, the receipt of which is hereby acknowledged, Texas Instruments Deutschland GmbH, a corporation organized and existing under the laws of Germany and having an office located at Haggertystrasse 1, 85356 Freising, DE (hereinafter referred to as "ASSIGNOR"), hereby sells, transfers and assigns, to Texas Instruments Incorporated, a corporation organized and existing under the laws of Delaware and having an office located at 12500 TI Boulevard, MS 3999, Dallas, Texas 75243, USA, and its successors and assigns (hereinafter referred to as "ASSIGNEE"), the entire right, title and interest of ASSIGNOR in and to all inventions described and/or claimed in US Patent Application No. 13/628,369, filed September 27, 2012 (now U.S. Patent No. 9,280,344); and in and to all applications for industrial property protection (including but not limited to all applications for patents, utility models, inventors' certificates and designs) that may be filed for said inventions in any country(ies), together with all rights to file such applications and to claim priority therefrom under applicable international agreements and domestic laws of any country(ies), including but not limited to the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, and the European Patent Convention; and in and to all forms of industrial property protection that may be granted for said inventions in any country(les): and in and to all divisions, substitutions, continuations, continuations-in-part, reexaminations, reissues, extensions and renewals thereof; and in and to any and all existing or hereafter accruing causes of action against third parties resulting from infringement thereof, including but not limited to all rights to sue for past infringement; and in and to all rights to recover damages (including but not limited to increased damages and attorneys' fees) from third parties for any such infringement.

ASSIGNOR hereby authorizes and requests the Patent and Trademark Office and any official of any country(ies) to issue all patents, utility models, inventors' certificates and designs for said inventions to TEXAS INSTRUMENTS INCORPORATED, its successors and assigns, as ASSIGNEE of ASSIGNOR'S entire right, title and interest.

ASSIGNOR further agrees to execute any and all patent applications, assignments, affidavits and other papers in connection therewith to perfect such rights.

This assignment shall be governed by and construed in accordance with the laws of the State of Texas, United States of America.

Texas	Instruments Deutschland GmbH
By:	Un alut
0	Andreas Schwalger
Title:	General Manager. Texas Instruments Deutschland GmbH
Date:	June 12, 2018

PATENT REEL: 046104 FRAME: 0932

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