PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4894677

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	NUNC PRO TUNC ASSIGNMENT	
EFFECTIVE DATE:	10/26/2011	

CONVEYING PARTY DATA

Name	Execution Date
TEXAS INSTRUMENTS DEUTSCHLAND GMBH	06/19/2017

RECEIVING PARTY DATA

Name:	TEXAS INSTRUMENTS INCORPORATED	
Street Address:	12500 TI BOULEVARD, MS 3999	
City:	DALLAS	
State/Country:	TEXAS	
Postal Code:	75243	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14930269

CORRESPONDENCE DATA

Fax Number: (214)567-2888

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.

Phone: 214-479-1215 **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-70930A	
NAME OF SUBMITTER:	TINA MATHEWSON	
SIGNATURE:	/Tina Mathewson/	
DATE SIGNED:	04/02/2018	

Total Attachments: 2

source=70930_TID_Confirmatory_Assignment_Executed#page1.tif source=70930_TID_Confirmatory_Assignment_Executed#page2.tif

PATENT 504847940 REEL: 045408 FRAME: 0824

ASSIGNMENT AGREEMENT

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, nunc pro tunc effective 10/26/2011, to Texas Instruments Incorporated, a corporation organized and existing under the laws of Delaware and having an office located at 12500 TI Boulevard, 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 the inventions identified by Exhibit A (attached hereto) of this agreement; 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(les), 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(ies); 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(les) 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 agreement shall be governed by and construed in accordance with the laws of the State of Texas, United States of America.

Texas Instruments Deutschland GmbH

Name: Andreas Schwaiger

Title: Géneral Manager, Texas Instruments Deutschland GmbH

1.19.06.10TL

Assignee agrees and accepts the assignment:

Texas Instruments Incorporated

Ву:

Name: Frank D. Cimino

Title: Vice President and Assistant General Counsel, Texas Instruments Incorporated

Date:

Exhibit A

All inventions described in the following Texas Instruments invention disclosures:

Invention Disclosure Number

Date Received

TI-70930

2011 June 01

All inventions described and/or claimed in the following patent applications:

TI Docket Number

Patent Application Number

Date Filed

TI-70930

US 13/282,076

2011 October 26

2

PATENT REEL: 045408 FRAME: 0826