503938182 07/29/2016

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3984836

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
RICHARD MARK POLEY	07/29/2016

RECEIVING PARTY DATA

Name:	TEXAS INTRUMENTS 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:	15223537

CORRESPONDENCE DATA

Fax Number: (214)567-2228

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: 214-479-1241
Email: uspto@ti.com
Correspondent Name: JOHN PESSETTO
Address Line 1: 12500 TI BOULEVARD

Address Line 2: M/S 3999

Address Line 4: DALLAS, TEXAS 75243

ATTORNEY DOCKET NUMBER:	TI-76857
NAME OF SUBMITTER:	BETTY FORMBY
SIGNATURE:	/Betty Formby/
DATE SIGNED:	07/29/2016

Total Attachments: 2

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PATENT REEL: 039291 FRAME: 0967

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RECORDATION FORM COVER SHEET		
PATENTS ONLY		
To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.		
1. Name of conveying party(ies)	2. Name and address of receiving party(ies)	
	Name: Texas Instruments Incorporated	
Richard Mark Poley	Internal Address:M/S 3999	
Additional name(s) of conveying party(ies) attached? Yes No 3. Nature of conveyance/Execution Date(s): Execution Date(s)7/29/2016 Assignment	Street Address: 12500 TI Boulevard City: Dallas State: TX Country: US Additional name(s) & address(es) attached? Yes No document is being filed together with a new application. B. Patent No.(s)	
Additional numbers att	ached? Yes No	
5. Name and address to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved:	
Name: John Pessetto	7. Total fee (37 CFR 1.21(h) & 3.41) \$	
Internal Address: M/S 3999		
	Authorized to be charged to deposit account	
Street Address: 12500 TI Boulevard	Enclosed	
	None required (government interest not affecting title)	
City: Dallas	8. Payment Information	
State: TX Zip: 75243		
Phone Number: 214-479-1241		
Docket Number: TI-76857	Deposit Account Number	
Email Address: uspto@ti.com	Authorized User Name	
9. Signature: Sty Formly		
	July 29, 2016	
Signature	Date	
Betty Formby Name of Person Signing		

PATENT

REEL: 039291 FRAME: 0968

Application No. 15/223,537

Attorney Docket No. TI-76857

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). 62/364.475 ____, filed _July 20, 2016 ___;

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 caths, 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	METHOD OF DETERMINING A DIRECTION OF ROTATION AND VALID TRANSITION QUADRATURE PULSES		
NONPROVISIONAL APPLICATION NO.	15/223,537	FILING DATE	July 29, 2016

SIGNATURE OF INVENTOR	2-coley)
PRINTED NAME OF INVENTOR	Richard Mark Poley
DATE	7/29/16
RESIDENCE (CITY AND STATE)	SUGAR LAND, TEXAS.

PATENT REEL: 039291 FRAME: 0969

RECORDED: 07/29/2016