

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT4116230

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
	Name	Execution Date
	QUNYING LI	10/19/2016
	JOAO CARLOS FELICIO BRITO	10/19/2016
	WENXIAO TAN	10/19/2016
RECEIVING PARTY DATA		
Name:	TEXAS INSTRUMENTS INCORPORATED	
Street Address:	12500 TI BOULEVARD - M/S 3999	
City:	DALLAS	
State/Country:	TEXAS	
Postal Code:	75243	
PROPERTY NUMBERS Total: 1		
	Property Type	Number
	Application Number:	15331213
CORRESPONDENCE DATA		
Fax Number:	(214)479-1273	
<i>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.</i>		
Phone:	(214) 479-1246	
Email:	bkowalski@hfzlaw.com, uspto@ti.com	
Correspondent Name:	TEXAS INSTRUMENTS INCORPORATED	
Address Line 1:	12500 TI BOULEVARD - M/S 3999	
Address Line 4:	DALLAS, TEXAS 75243	
ATTORNEY DOCKET NUMBER:	TI-77061	
NAME OF SUBMITTER:	MARK C. ZIMMERMAN	
SIGNATURE:	/Mark C. Zimmerman/	
DATE SIGNED:	10/27/2016	
Total Attachments: 2		
source=assignment_TI_77061-x#page1.tif		
source=assignment_TI_77061-x#page2.tif		

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) _____, filed _____;

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.

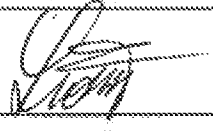
I also hereby sell and assign to TEXAS INSTRUMENTS INCORPORATED, its successors and assigns, my corresponding rights to the invention disclosed in said application in all other countries of the world, including the right to claim priority, file applications and obtain patents under the terms of the Paris 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;

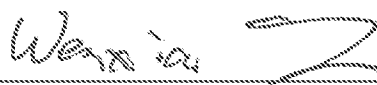
TITLE	VOICE COIL MOTOR PULSE WIDTH MODULATION-TO-LINEAR SMOOTH TRANSITION CONTROL		
NONPROVISIONAL APPLICATION NO.	15/331,213	FILING DATE	October 21, 2016

SIGNATURE OF INVENTOR	
PRINTED NAME OF INVENTOR	Qunying Li
DATE	10/19/2016
RESIDENCE (CITY AND STATE)	Allen, TX

Application No. 15/331,213

Attorney Docket No. TI-77061

SIGNATURE OF INVENTOR	
PRINTED NAME OF INVENTOR	Joao Carlos Felicio Brito
DATE	10/19/2016.
RESIDENCE (CITY AND STATE)	Murphy, TX

SIGNATURE OF INVENTOR	
PRINTED NAME OF INVENTOR	Wenxiao Tan
DATE	10/19/2016
RESIDENCE (CITY AND STATE)	Plano, TX

Assignee agrees and accepts the assignment

TEXAS INSTRUMENTS INCORPORATED

By: _____

After recording, return Assignment to:

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