504261324 03/08/2017

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT4308004

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
VENKATESWAR REDDY KOWKUTLA	02/21/2017
ERKAN BILHAN	02/21/2017
VENKATESWARA REDDY POTHIREDDY	02/21/2017

RECEIVING PARTY DATA

Name:	TEXAS INSTRUMENTS INCORPORATED
Street Address:	P.O. BOX 655474, MS 3999
City:	DALLAS
State/Country:	TEXAS
Postal Code:	75265

PROPERTY NUMBERS Total: 1

Property Type	Number	
Application Number:	15437593	

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: 2144791258 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-77270
NAME OF SUBMITTER:	SHANNON THOMASON
SIGNATURE:	/Shannon Thomason/
DATE SIGNED:	03/08/2017

Total Attachments: 4

source=TI-77270_Assignment#page1.tif source=TI-77270_Assignment#page2.tif source=TI-77270_Assignment#page3.tif source=TI-77270 Assignment#page4.tif

ASSIGNMENT

	WHEREAS, I, the undersigned inventor (or one of the undersig	ned joint inventors), c	of residence as listed,	having invented certain
new and	useful improvements as below entitled, for which application for	United States Letters	s Patent is made;	~

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	DUAL FUNCTION ANALOG	OR DIGITAL INPUT/OUTPO	JT BUFFER
NONPROVISIONAL APPLICATION NO.	15/437,593	FILING DATE	02/21/2017
	The state of		
SIGNATURE OF INVENTOR	1 C15,000 14.		
PRINTED NAME OF INVENTOR	Venkateswar Reddy Kowku	utla 	
DATE	Effective February 21, 2017	7	
RESIDENCE (CITY AND STATE)	Allen, TX		

Application No. 15/437,593

Attorney Docket No. TI-77270

SIGNATURE OF INVENTOR	
PRINTED NAME OF INVENTOR	Erkan Bilhan
DATE	Effective February 21, 2017
RESIDENCE (CITY AND STATE)	Dallas, TX
SIGNATURE OF INVENTOR	Zoileldy
PRINTED NAME OF INVENTOR	Venkateswara Reddy Pothireddy
DATE	Effective February 21, 2017
RESIDENCE	Plans TY

After recording, return Assignment to:

(CITY AND STATE)

Plano, TX

Texas Instruments Incorporated P.O. Box 655474, M/S 3999 Dallas, Texas 75265

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;

WHE	REAS, 1	TEXAS .	INSTRU	JMENTS	INCOR	PORATE	ED, a	corpor	ation o	irgenized	สถกร์	existing	: inder	the i	ansa n	f this	State	oriš
uelaware, with	e place	of busin	iess at 1	12500 TI	Soulevs	rd, M/S 3	3989.	Dallas.	Texas	75243, k	s desi	rous of	accoulrir	ia mu	antina	rimbit	titio ar	rei
mmerest in and	n no me	said iti	rention,	and to	the said	applicat	ion a	ind any	Letter	s Patent	that	may is:	sue the	reon.	88 W	98 AS	to U.	S
Provisional App	plication	No(s)	~~~~		, fi	ed		~							***	****	***	G47.5

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(e) 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 Peris 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, release and substitute applications, make all lawful paths, 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	DUAL FUNCTION ANALOG OF	DIGITAL INPUT/OUTPUT	
NONPROVISIONAL APPLICATION NO.	15/437,593	FILING DATE	02/21/2017

SI OF	GNATURE INVENTOR	
PRII OF	NTED NAME INVENTOR	Venkateswar Reddy Kowkutta
	DATE	Effective February 21, 2017
FII (CITY	ESIDENCE 'AND STATE)	Allen, TX

Application No. 15/437,593

Attorney Docket No. TI-77270

>*************************************	
SIGNATURE OF INVENTOR	<i>576</i> 312
PRINTED NAME OF INVENTOR	Erken Bilhan
DATE	Effective February 21, 2017
RESIDENCE (CITY AND STATE)	Dallas, TX
§	,
SIGNATURE OF INVENTOR	
PRINTED NAME OF INVENTOR	Venketeswara Reddy Pothireddy
DATE	Effective February 21, 2017
RESIDENCE (CITY AND STATE)	Plano, TX

After recording, return Assignment to:

Texas Instruments Incorporated P.O. Box 655474, M/S 3999 Dallas, Texas 75265

PATENT REEL: 041498 FRAME: 0021

RECORDED: 03/08/2017