# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4902231

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
ARTHUR JOHN REDFERN	02/23/2018
DONALD EDWARD STEISS	02/25/2018
TIMOTHY DAVID ANDERSON	02/27/2018
KAI CHIRCA	02/27/2018

### **RECEIVING PARTY DATA**

Name:	TEXAS INSTRUMENTS 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:	15905250

## **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.

Email: uspto@ti.com
Correspondent Name: KENNY LIU

Address Line 1: P.O. BOX 655474

Address Line 2: M/S 3999

Address Line 4: DALLAS, TEXAS 75265

ATTORNEY DOCKET NUMBER:	TI-78197
NAME OF SUBMITTER:	JAMES ANDREW REED
SIGNATURE:	/James Andrew Reed/
DATE SIGNED:	04/05/2018

**Total Attachments: 3** 

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## **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 Nos. 62/463,426 filed February 24, 2017, 62/464,964 filed February 28, 2017, 62/464,954 filed February 28, 2017, and 62/465,620 filed March 1, 2017;

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 non-provisional application number and filing date hereinbelow.

IN WITNESS WHEREOF, I hereunto set hand and seal this day and year,

TITLE	RECONFIGURABLE MATRIX M		METHOD
NONPROVISIONAL APPLICATION NO.	15/905, 250	FILING DATE	February 26, 2018
·			
SIGNATURE OF INVENTOR			
PRINTED NAME OF INVENTOR	Arthur John Redfern		
DATE	Feb 23 2018		
RESIDENCE (CITY AND STATE)	Plano, Texas		

Application No. 15/905,250

Attomey Docket No. Ti-78197

SIGNATURE OF INVENTOR	1/4 2620
PRINTED NAME OF INVENTOR	Donald Edward Steiss
DATE	2/25/2018
RESIDENCE (CITY AND STATE)	Richardson, Texas
SIGNATURE OF INVENTOR	
PRINTED NAME OF INVENTOR	Timothy David Anderson
DATE	
RESIDENCE (CITY AND STATE)	University Park, Texas
<u> </u>	
SIGNATURE OF INVENTOR	
PRINTED NAME OF INVENTOR	Kai Chirca
DATE	
RESIDENCE (CITY AND STATE)	Oallas, Texas

After recording, return Assignment to:

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

Application No. 15/905,250

Attorney Docket No. TI-78197

SIGNATURE OF INVENTOR	
PRINTED NAME OF INVENTOR	Donald Edward Steiss
DATE	
RESIDENCE (CITY AND STATE)	Richardson, Texas
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SIGNATURE OF INVENTOR	Timils Durch andr
PRINTED NAME OF INVENTOR	Timothy David Anderson
DATE	
RESIDENCE (CITY AND STATE)	University Park, Texas
<i>p</i>	
SIGNATURE OF INVENTOR	
PRINTED NAME OF INVENTOR	Kai Chirca
DATE	Feb. 27, 2018
RESIDENCE (CITY AND STATE)	Dallas, Texas

After recording, return Assignment to:

Texas instruments incorporated P.O. Box 655474, M/S 3999

Dallas, TX 75265

**PATENT** REEL: 045451 FRAME: 0849

**RECORDED: 04/05/2018**