#### 503257883 04/09/2015

# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 EPAS ID: PAT3304501 Stylesheet Version v1.2

**SUBMISSION TYPE: NEW ASSIGNMENT NATURE OF CONVEYANCE: ASSIGNMENT** 

#### **CONVEYING PARTY DATA**

Name	Execution Date
BYRON LOVELL WILLIAMS	01/07/2015
ASAD MAHMOOD HAIDER	01/20/2015
LICHENG M. HAN	03/31/2015

### **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:	14576708

### 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: 214-479-1287 Email: uspto@ti.com

TEXAS INSTRUMENTS INCORPORATED **Correspondent Name:** 

Address Line 1: P O BOX 655474, M/S 3999 Address Line 4: DALLAS, TEXAS 75265

ATTORNEY DOCKET NUMBER:	TI-70175
NAME OF SUBMITTER:	DONNA F. WILLIAMS
SIGNATURE:	/Donna F. Williams/
DATE SIGNED:	04/09/2015

## **Total Attachments: 6**

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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 No(s). 61/922.528, filed December 31, 2013;

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	INTEGRATED CIRCUIT WIT	TH MICRO INDUCTOR AND	MICRO TRANSFORMER WITH
NONPROVISIONAL APPLICATION NO.	14/576,708	FILING DATE	12/19/2014
SIGNATURE OF INVENTOR	1 July 1		
PRINTED NAME OF INVENTOR	Byron Lovel WILLIAMS		
DATE	1/7/15		
RESIDENCE (CITY AND STATE)	Plano, TX		

SIGNATURE . OF INVENTOR	
PRINTED NAME OF INVENTOR	Asad Mahmood HAIDER
DATE	
RESIDENCE (CITY AND STATE)	Plano, TX
SIGNATURE OF INVENTOR	
PRINTED NAME OF INVENTOR	Licheng M. HAN
DATE	
RESIDENCE (CITY AND STATE)	Frisco, TX
***************************************	<del>,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,</del>

After recording, return Assignment to:

Donna Williams Texas instruments incorporated 12500 Ti Boulevard, M/S 3999 Dallas, TX 75243

#### 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). 61/922.528, filed December 31, 2013;

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	INTEGRATED CIRCUIT WITH MICRO INDUCTOR AND MICRO TRANSFORMER WITH MAGNETIC CORE		
NONPROVISIONAL APPLICATION NO.	14/576,708	FILING DATE	12/19/2014
<u></u>			
SIGNATURE OF INVENTOR		:	
PRINTED NAME OF INVENTOR	Byron Lovell WILLIAMS		
DATE			
RESIDENCE (CITY AND STATE)	Plano, TX		

SIGNATURE OF INVENTOR	Cand a Janet
PRINTED NAME OF INVENTOR	Asad Mahmood HAIDER
DATE	Jan 20, 2015
RESIDENCE (CITY AND STATE)	Plano, TX
SIGNATURE OF INVENTOR	
PRINTED NAME OF INVENTOR	Licheng M. HAN
DATE	
RESIDENCE (CITY AND STATE)	Frisco, TX

After recording, return Assignment to:

Donna Williams Texas Instruments Incorporated 12500 TI Boulevard, M/S 3999 Dallas, TX 75243

# **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). <u>61/922.528</u>, filed <u>December 31, 2013</u>:

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 Trademerk 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.

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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	INTEGRATED CIRCUIT WITH I MAGNETIC CORE	VICRO INDUCTOR AND M	ICRO TRANSFORMER WITH
NONPROVISIONAL APPLICATION NO.	14/576,708	FILING DATE	12/19/2014

SIGNATURE OF INVENTOR	
PRINTED NAME OF INVENTOR	Byron Lovell WILLIAMS
DATE	
RESIDENCE (CITY AND STATE)	Plano, TX

Asad Mahmood HAIDER
Plano, TX
Han Lines
Licheng M. HAN
3/3//2015
Frisco, TX

After recording, return Assignment to:

Donna Williams
Texas Instruments Incorporated
12500 TI Boulevard, M/S 3999
Dallas, TX 75243

PATENT REEL: 035372 FRAME: 0494

**RECORDED: 04/09/2015**