504356666 05/08/2017

# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4403357

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

### **CONVEYING PARTY DATA**

Name	Execution Date
MANU J. PRAKUZHY	03/29/2017
SIVA P. GURRUM	03/29/2017
DARYL R. HEUSSNER	04/04/2017
STEFAN W. WIKTOR	04/13/2017
KEN PHAM	03/24/2017

#### **RECEIVING PARTY DATA**

Name:	TEXAS INSTRUMENTS INCORPORATED
Street Address:	12500 TI BOULEVARD, MS 3999
City:	DALLAS
State/Country:	TEXAS
Postal Code:	75243

# **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	15487186

# **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 1238 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-76969
NAME OF SUBMITTER:	ROSE ALYSSA KEAGY
SIGNATURE:	/ROSE ALYSSA KEAGY/
DATE SIGNED:	05/08/2017

**Total Attachments: 12** 

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PATENT REEL: 042282 FRAME: 0001

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PATENT REEL: 042282 FRAME: 0002

# **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 Texas Instruments Incorporated, 12500 TI Boutevard, 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 Provisional Application Number 62/385,499, filed September 9, 2016, European Application Number \_\_\_\_\_\_, 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	Spot-Solderable Leads for Semiconductor Device Packages
NONPROVISIONAL APPLICATION NO.	FILING DATE
	4
SIGNATURE OF INVENTOR	WA MA
PRINTED NAME OF INVENTOR	Manu J. Prakuzhy
DATE	March, 29, 2017
RESIDENCE (CITY AND STATE)	Allen, TX

(CITY AND STATE)

SIGNATURE OF INVENTOR	Simples
PRINTED NAME OF INVENTOR	Siva P. Gurrum
DATE	Mach, 29, 2017
RESIDENCE (CITY AND STATE)	Allen, TX
SIGNATURE OF INVENTOR	
PRINTED NAME OF INVENTOR	Daryl R. Heussner
DATE	
RESIDENCE (CITY AND STATE)	Allen, TX
SIGNATURE OF INVENTOR	
PRINTED NAME OF INVENTOR	Stefan W. Wiktor
DATE	
RESIDENCE	Raleigh, NC

SIGNATURE OF INVENTOR	
PRINTED NAME OF INVENTOR	Ken Pham
DATE	
RESIDENCE (CITY AND STATE)	San Jose, CA

Texas Instruments Incorporated 12500 TI Boulevard, M/S 3999 Dallas, TX 75243 U.S.A.

\*\*\*\*

Application No.:		Attorney Docket No. TI-76969
	ASSIGNMENT	ſ
	signed inventor (or one of the undersigned joi below entitled, for which application for United	int inventors), of residence as listed, having invented certain I States Letters Patent is made.
Delaware, with a place of busines of acquiring my entire right, title a	is at Texas Instruments Incorporated, 12500 and interest in and to the said invention, and to	ion organized and existing under the laws of the State of TI Boulevard, MS 3999, Dallas, Texas 75243, is desirous the said application and any Letters Patent that may issue ember 9, 2016, European Application Number, filed
unto the said TEXAS INSTRUMS invention and in and to the said continuations, and extensions the	[NTS INCORPORATED, its successors and application(s) and all patents which may be ereof; and I hereby authorize and request the	t of which is hereby acknowledged, I hereby sell and assign assigns, my entire right, take and interest in and to the said granted therefor, and all divisions, reissues, substitutions, a Patent and Trademark Office to issue all patents for said INCORPORATED, as assignee of my entire right, title and
to the invention disclosed in said a patents under the terms of the P	application in all other countries of the world, is	ATED, its successors and assigns, my corresponding rights actuding the right to claim priority, file applications and obtain at Property, and further agree to execute any and all patent with necessary to perfect such rights.
legal representatives, any facts k proceedings, sign all lawful papa	nown to me respecting said invention, and at ers, execute all divisional, continuation, reiss o aid said TEXAS INSTRUMENTS INCORPO	MENTS INCORPORATED, or to its successors, assigns, and the expense of said assignee company, testify in any legal sue and substitute applications, make all lawful caths, and RATED, its successors, assigns and nominees to obtain and
I authorize the later inse	rtion of the nonprovisional application number	and filing date hereinbelow.
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TITLE	Spot-Solderable Leads for Semiconductor Device Packages
NONPROVISIONAL APPLICATION NO.	FILING DATE
SIGNATURE OF INVENTOR	
PRINTED NAME OF INVENTOR	Manu J. Prakuzhy
DATE	
RESIDENCE (CITY AND STATE)	Allen, TX

Application No.:	Attorney Docket No. <u>Ti-76969</u>
SIGNATURE OF INVENTOR	
PRINTED NAME OF INVENTOR	Siva P. Gurum
DATE	
RESIDENCE (CITY AND STATE)	Allen, TX
SIGNATURE OF INVENTOR	Jan 1/2
PRINTED NAME OF INVENTOR	Daryl R. Heussner
DATE	4/4/17
RESIDENCE (CITY AND STATE)	Allen, TX
SIGNATURE OF INVENTOR	
property construction as a construction	

beenman	RESIDENCE (CITY AND STATE)	Raleigh, NC
**************************************	DATE	
decent and the second	PRINTED NAME OF INVENTOR	Stefan W. Wiktor
	SIGNATURE OF INVENTOR	

SIGNATURE OF INVENTOR	
PRINTED NAME OF INVENTOR	Ken Pham
DATE	
RESIDENCE (CITY AND STATE)	San Jose, CA

Texas Instruments Incorporated 12500 TI Boulevard, M/S 3999 Dallas, TX 75243 U.S.A.

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WHEREAS, I, the undenew and useful improvements a				listed, having invented certain
WHEREAS, TEXAS If Delaware, with a place of busing of acquiring my entire right, title thereon, as well as to Provision	ess at Texas Instruments In and interest in and to the sa	scorporated, 12500 TI Boules aid invention, and to the said	/ard, M/S 3999, Dali application and any	Letters Patent that may issue
NOW, THEREFORE, funto the said TEXAS INSTRUM invention and in and to the said continuations, and extensions the invention, or patents resulting the interest.	IEÑTS INCORPORATED, i d application(s) and all pate nereol; and I hereby author	ts successors and assigns, re ents which may be granted to ize and request the Patent a	ny entire right, title a herefor, and all divis ind Trademark Offici	sions, reissues, substitutions, e to issue all patents for said
to the invention disclosed in secondary patents under the terms patent applications, assignment:  I hereby further agree and legal representatives, any for legal proceedings, sign all lawfur generally do everything possible and enforce proper patent protes.  I authorize the later ins	id application in all other or of the Paris Convention for s, affidavits, and any other p that I will communicate to s acts known to me respectin I papers, execute all division s to aid said TEXAS INSTF ction for said invention in all	ountries of the world, including the Protection of Industrial Flapers in connection therewith said TEXAS INSTRUMENTS and at the continuation, reissue and IUMENTS INCORPORATED countries.	ng the right to claim Property, and further Inecessary to perfect INCORPORATED, expense of said assi substitute application, its successors, ass	agree to execute any and all it such rights. or to its successors, assigns, ignee company, testify in any ins, make all lawful caths, and
TITLE	Spot-Solds	erable Leads for Sem	iconductor De	vice Packages
NONPROVISIONAL APPLICATION NO.		FILING	DATE	
SIGNATURE OF INVENTOR				
PRINTED NAME OF INVENTOR	Manu J. Prakuzhy			
DATE				

Application No.:

RESIDENCE

(CITY AND STATE)

Allen, TX

Attorney Docket No. TI-76969

Application No.:	
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Attorney Docket No. 11-76969

SIGNATURE OF INVENTOR	
PRINTED NAME OF INVENTOR	Siva P. Gurrum
DATE	
RESIDENCE (CITY AND STATE)	Allen, TX

SIGNATURE OF INVENTOR	
PRINTED NAME OF INVENTOR	Daryl R. Heussner
DATE	
RESIDENCE (CITY AND STATE)	Allen, TX

SIGNATURE OF INVENTOR	5het L Like
PRINTED NAME OF INVENTOR	Stefan W. Wiktor
DATE	4/13/17
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PRINTED NAME OF INVENTOR	Ken Pham
DATE	
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Application No.:

Texas Instruments Incorporated 12500 TI Boulevard, M/S 3999 Dallas, TX 75243 U.S.A.

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Attorney Docket No. TI-76969

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Attorney Docket No. TI-76969

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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;

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NONPROVISIONAL APPLICATION NO.		FILING DATE	
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SIGNATU OF INVEN		
PRINTED I OF INVEN		Manu J. Prakuzhy
DATE	<u> </u>	
RESIDEN (CITY AND S	STATE)	Allen, TX

PATENT REEL: 042282 FRAME: 0012

SIGNATURE OF INVENTOR	
PRINTED NAME OF INVENTOR	Siva P. Gurrum
DATE	
RESIDENCE (CITY AND STATE)	Allen, TX
SIGNATURE OF INVENTOR	
PRINTED NAME OF INVENTOR	Daryl R. Heussner
DATE	
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PRINTED NAME OF INVENTOR	Stefan W. Wiktor
DATE	
RESIDENCE (CITY AND STATE)	Raleigh, NC

SIGNATURE OF INVENTOR	12eghow_
PRINTED NAME OF INVENTOR	Ken Pham
DATE	3/24/20/9-
RESIDENCE (CITY AND STATE)	San Jose, CA

Texas Instruments Incorporated 12500 TI Boulevard, M/S 3999 Dallas, TX 75243 U.S.A.

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Page 3 of 2

PATENT REEL: 042282 FRAME: 0014