# 503643964 01/11/2016

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3690599

		NEW ASSIGNMENT	
NATURE OF CONVEYAN	ICE:	ASSIGNMENT	
CONVEYING PARTY DA	ATA		
		Name	Execution Date
ROOZBEH PARSA			01/06/2016
NATHAN BROCKIE			01/08/2016
TERRY DYER			01/08/2016
WILLIAM FRENCH			12/23/2015
IOURI N MIRGORODSK			12/23/2015
RECEIVING PARTY DA	ГА		
Name:	TEXAS I	NSTRUMENTS INCORPORATED	
Street Address:	12500 TI	BOULEVARD	
Internal Address:	M/S 3999	)	
City:	DALLAS		
State/Country:	TEXAS		
Postal Code:	75243		
PROPERTY NUMBERS Property Type	Total: 1	Number	]
Application Number:	14	4993073	
CORRESPONDENCE D	 4та		
		214)567-2228	
Fax Number: Correspondence will be	2) e <b>sent to t</b> i	214)567-2228 The e-mail address first; if that is uns if that is unsuccessful, it will be sen	
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Fax Number: <i>Correspondence will be using a fax number, if µ</i> Phone:	2) e sent to tr provided; 1 21 us	t <b>he e-mail address first; if that is uns</b> <b>if that is unsuccessful, it will be sen</b> 14-479-3373 spto@ti.com,swalsh@ti.com	nt via US Mail.
Fax Number: <i>Correspondence will be using a fax number, if p</i> Phone: Email: Correspondent Name:	(2 e sent to ti provided; i 21 us TE	the e-mail address first; if that is uns if that is unsuccessful, it will be sen 14-479-3373 spto@ti.com,swalsh@ti.com EXAS INSTRUMENTS INCORPORAT	nt via US Mail.
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Fax Number: <i>Correspondence will be</i> <i>using a fax number, if p</i> Phone: Email: Correspondent Name: Address Line 1: Address Line 2: Address Line 4: ATTORNEY DOCKET NU	(2 e sent to tr provided; r 21 us TE 12 M Dr	the e-mail address first; if that is uns if that is unsuccessful, it will be sen 14-479-3373 spto@ti.com,swalsh@ti.com EXAS INSTRUMENTS INCORPORAT 2500 TI BOULEVARD I/S 3999 ALLAS, TEXAS 75243 TI-76230	nt via US Mail.

## **Total Attachments: 5**

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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.

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	SENSOR FLUID RESERVOIRS	FOR MICROFABRICATED	SENSOR CELLS
NONPROVISIONAL APPLICATION NO.		FILING DATE	

SIGNATURE OF INVENTOR	$\mathcal{A}$
PRINTED NAME OF INVENTOR	Roozbeh Parsa
DATE	1/6/2016
RESIDENCE (CITY AND STATE)	Portola Valley, CA

#### Application No.

#### Attorney Docket No. TI-76230

#### 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.

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TITLE	SENSOR FLUID RESERVOIRS FOR MICROFABRICATED SENSOR CELLS		
NONPROVISIONAL APPLICATION NO.		FILING DATE	

SIGNATURE OF INVENTOR	N Bookly
PRINTED NAME OF INVENTOR	Nathan Brockie
DATE	8th January 2016
RESIDENCE (CITY AND STATE)	Edinburgh, , UK

#### Application No.

#### Attorney Docket No. TI-76230

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I hareby burber agree that I will communicate to raid TEXAS INSTRUMENTS INCORPORATED, or to its excessors, sasigns, and legal representatives, any facts known to me respecting said invention, and at the expanse of said assignes company, testify in any legal proceedings, sign all lewist papers, execute all divisional, continuation, manuae and substitute applications, make all lewist oaths, and generally do everything possible to aid said TEXAS INSTRUMENTS INCORPORATED. Its successors, assigns and nominees to obtain and enforce proper patient protection for said invention in all countries.

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TITLE	SENSOR FLUID RESERVOIRS FOR MICROFABRICATED SENSOR CELLS
NONPROVISIONAL APPLICATION NO.	FILING OATE

****	SIGNATURE OF INVENTOR	Tens Dyer
	PRINTED NAME OF INVENTOR	Teriy Dyer
	CATE	8H Jon, 2016
	RESIDENCE (CITY AND STATE)	Largs, , UK

## 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 Delewere, 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.

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NONPROVISIONAL APPLICATION NO.		FILING DATE	

SIGNATURE OF INVENTOR	ville Fact
PRINTED NAME OF INVENTOR	William French
DATE	12/23/2015
RESIDENCE (CITY AND STATE)	San Jose, CA

## ASSIGNMENT

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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 \_\_\_\_\_\_;

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NONPROVISIONAL APPLICATION NO.		FILING DATE	

SIGNATURE OF INVENTOR	Ja au un
PRINTED NAME OF INVENTOR	louri N Mirgorodski
DATE	12/23/2015
RESIDENCE (CITY AND STATE)	Sunnyvale, CA

## PATENT REEL: 037457 FRAME: 0186

**RECORDED: 01/11/2016**