## 503479638 09/15/2015

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3526263

SUBMISSION TYPE:		NEW ASSIGNMENT	NEW ASSIGNMENT		
NATURE OF CONVEYANCE:		ASSIGNMENT	ASSIGNMENT		
CONVEYING PARTY D	ΑΤΑ	<b>I</b>			
		Name	Execution Date		
ZHONGYAN SHENG			09/08/2015		
RECEIVING PARTY DA	ТА				
Name:		INSTRUMENTS INCORPORATED			
Street Address:	12500 T	12500 TI BOULEVARD			
Internal Address:	M/S 399	9			
City:	DALLAS	DALLAS			
State/Country:	TEXAS	TEXAS			
Postal Code:	75243				
Property Type		Number			
			_		
	1	<b>Number</b> 4854260			
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Application Number:	ΑΤΑ	4854260			
Application Number: CORRESPONDENCE D Fax Number:	)ATA (2	4854260 214)567-2228			
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Form **PTO-1595** (Rev. 03-11) OMB No. 0651-0027 (exp. 04/30/2015) U.S. DEPARTMENT OF COMMERCE United States Patent and Trademark Office

RECORDATION FORM COVER SHEET PATENTS ONLY				
To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.				
1. Name of conveying party(ies)	2. Name and address of receiving party(ies)			
	Name:Texas Instruments Incorporated			
Zhongyan Sheng	Internal Address:M/S 3999			
Additional name(s) of conveying party(ies) attached? Yes X No				
3. Nature of conveyance/Execution Date(s):	Street Address: 12500 TI Boulevard			
Execution Date(s)September 8, 2015				
Assignment Merger	City: Dallas			
Security Agreement Change of Name	оку. <u></u>			
Joint Research Agreement	State:TX			
Government Interest Assignment	Country: US Zip:75243			
Executive Order 9424, Confirmatory License				
Other	Additional name(s) & address(es) attached? 🗌 Yes 🔀 No			
	document is being filed together with a new application.			
A. Patent Application No.(s)	B. Patent No.(s)			
14/854,260				
Additional numbers att	ached? Yes XNo			
5. Name and address to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved: <u>1</u>			
Name: Jacki Garner	7. Total fee (37 CFR 1.21(h) & 3.41) \$			
Internal Address:M/S 3999	······································			
	Authorized to be charged to deposit account			
Street Address: 12500 TI Boulevard	Enclosed			
	None required (government interest not affecting title)			
	8. Payment Information			
City: Dallas	<b>,</b>			
State:TX Zip75243				
Phone Number:214-479-1287	Deposit Account Number			
Docket Number: <u>TI-75000</u>				
Email Address: <u>uspto@ti.com</u>	Authorized User Name			
9. Signature: Stily Formby	September 15, 2015			
/ Signature				
, Oignaturo	Date			
Betty Formby	Total number of pages including cover			
Betty Formby Name of Person Signing	Total number of pages including cover 2   sheet, attachments, and documents: 2			
Betty Formby	Total number of pages including cover 2 sheet, attachments, and documents: 2 ) should be faxed to (571) 273-0140, or mailed to:			

REEL: 036566 FRAME: 0196

		IAGEI
Application No.		Attorney Docket No. TI-75000
	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). 62/050,954, filed September 16, 2014.

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	LASER ILLUMINATION ON PHOSPHOR FOR PROJECTION DISPLAY		
NONPROVISIONAL APPLICATION NO.	14/854,260	FILING DATE	September 15, 2015

SIGNATURE OF INVENTOR	225
PRINTED NAME OF INVENTOR	Zhongyan Sheng
DATE	09/08/2015
RESIDENCE (CITY AND STATE)	Allen, Texas

After recording, return Assignment to:

Texas Instruments Incorporated PO Box 655474, M/S 3999 Dallas, TX 75265 DACE 1

**RECORDED: 09/15/2015**