503877301 06/17/2016

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3923950

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
SHRENIK DELIWALA	06/06/2016
JAMES FIORENZA	06/02/2016
DONGHYUN JIN	05/27/2016

RECEIVING PARTY DATA

Name:	ANALOG DEVICES, INC.
Street Address:	ONE TECHNOLOGY WAY
City:	NORWOOD
State/Country:	MASSACHUSETTS
Postal Code:	02062-9106

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15165122

CORRESPONDENCE DATA

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using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

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ATTORNEY DOCKET NUMBER:	2550/F59	
NAME OF SUBMITTER:	JOHN J. STICKEVERS	
SIGNATURE:	/John J. Stickevers, #39,387/	
DATE SIGNED:	06/17/2016	

Total Attachments: 3

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> **PATENT** REEL: 038944 FRAME: 0854 503877301

<u>ASSIGNMENT</u>

ASSIGNOR(S):

Shrenik Deliwala

James Fiorenza

Donghyun Jin

ASSIGNEE:

Analog Devices, Inc.

One Technology Way

Norwood, MA 02062-9106

STATE OF

INCORPORATION OF

ASSIGNEE:

Massachusetts

TITLE:

Gallium Nitride Apparatus with a Trap Rich Region

ATTORNEY DOCKET:

2550/F59

APPLICATION NO.:

15/165,122

FILING DATE:

May 26, 2016

Assignor is a joint inventor of the above invention (the "Invention") described in a United States patent application (the "Application") bearing the above attorney docket number and having as a title the above name for the Invention. The Application has a Patent and Trademark Office filing date and application number as indicated above, or if no filing date and application number are shown, has a Declaration executed by Assignor contemporaneously with this Assignment.

For valuable consideration, receipt of which is acknowledged, each Assignor hereby assigns to Assignee (which term shall include Assignee's successors and assigns), all of Assignor's right, title and interest in the Invention, all improvements therein, the Application and all priority rights arising therefrom, and any patents, and any reissues and extensions thereof, which issue in any country upon any patent applications which correspond with any of the following: the Application, any divisional, continuation-in-whole, or substitute United States application which is based on the Application; or any continuation-in-part United States application (including divisions, continuations-in-whole or -in-part, and substitutions thereof or therefor) based in-part on any of the above described applications.

Each Assignor further agrees that such Assignor and Assignor's heirs and legal representatives will, without further consideration, cooperate with Assignee in the prosecution of all of the above applications, execute, verify, acknowledge and deliver all such further papers, including applications for patents and for reissues and extensions therefor, and instruments of assignment and transfer thereof, and will communicate any facts known to Assignor relating to the Invention, to obtain or maintain or enforce patents for the Invention and improvements therein in any and all countries and to vest title thereto in Assignee. Each Assignor further agrees that such Assignor will, without further compensation to Assignor during the term of such Assignor's employment by Assignee and thereafter for reasonable compensation as determined by Assignee,

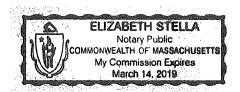
perform such other acts as may be reasonably required when requested by Assignee, including attending depositions, preparing and executing declarations and affidavits and testifying as a witness, to obtain or maintain or enforce patents for the Invention and improvements therein in any and all countries and to vest title thereto in Assignee.

I hereby authorize and request Sunstein Kann Murphy & Timbers LLP to supply any missing patent/application identification information or correct any errors in the patent/application identification information provided above, whether discovered prior to or after recordation.

IN WITNESS WHEREOF, each Assignor hereby obelow.	executes this instrument on the date set forth	West Hilling
Date: June 6th 2016	nik Deliwala, Assignor	
Commonwealth of Massachusetts		Transport
County of M. Ellese x, ss.		6
On this day of d	satisfactory evidence of identification, which e person whose name is signed on the	
Seal ELIZABETH STELLA Notary Public COMMONWEALTH OF MASSACHUSETTS My Commission Expires March 14, 2019	Notary Public My commission expires: Aarch	14,2019
Date: 6 2 16		_
	es Fiorenza, Assignor	
Commonwealth of Massachusetts		
County of <u>middlesex</u> , ss.	<u>6</u> , 201	6
On this day of Jose, 2016, before me, the appeared James Fiorenza, proved to me through sa consisted of drivers like the preceding or attached document, and acknowledge stated purpose.	atisfactory evidence of identification, which e person whose name is signed on the	:S

Page 2 of 3





Seal

My commission expires: mach 14, 2019

Date: 05/21/2016

Donghyun Jin, Assignor

Commonwealth of Massachusetts

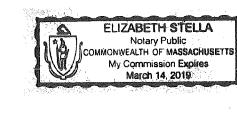
County of Middle sex, ss.

05/27 ,2016

On this 27 day of May, 2016, before me, the undersigned notary public, personally appeared Donghyun Jin, proved to me through satisfactory evidence of identification, which consisted of driver's license, to be the person whose name is signed on the preceding or attached document, and acknowledged to me that he/she signed it voluntarily for its stated purpose.

Sea1

My commission expires: March 14, 2019



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RECORDED: 06/17/2016

PATENT REEL: 038944 FRAME: 0857