

12/31/2014

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OMB No. 0651-0027 (exp. 04/30/2015)

U.S. DEPARTMENT OF COMMERCE
United States Patent and Trademark Office

103670234

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)

Christopher Boguslaw Kocon
Simon John Molloy
John Manning Savidge Neilson
Hideaki KawaharaAdditional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

3. Nature of conveyance/Execution Date(s):

Execution Date(s) 12/01/14; 12/01/14; 12/05/14; 12/01/14

☒ Assignment☐ Merger☐ Security Agreement☐ Change of Name☐ Joint Research Agreement☐ Government Interest Assignment☐ Executive Order 9424, Confirmatory License☐ Other

2. Name and address of receiving party(ies)

Name: Texas Instruments Incorporated

Internal Address: M/S 3999

Street Address: 12500 TI Boulevard

City: Dallas

State: Texas

Country: U.S.A.

Zip: 75243

Additional name(s) & address(es) attached? ☐ Yes ☒ No

4. Application or patent number(s):

☐ This document is being filed together with a new application.

A. Patent Application No.(s)

B. Patent No.(s)

14/563,706

Additional numbers attached? ☐ Yes ☒ No

5. Name and address to whom correspondence concerning document should be mailed:

Name: Texas Instruments Incorporated

Internal Address: M/S 3999

Street Address: 12500 TI Boulevard

City: Dallas

State: Texas

Zip: 75243

Phone Number: 214-479-1287

Docket Number: TI-74466

Email Address: uspto@ti.com

6. Total number of applications and patents involved: (1)

7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00

☒ Authorized to be charged to deposit account☐ Enclosed☐ None required (government interest not affecting title)

8. Payment Information

Deposit Account Number 200668

Authorized User Name Mark C. Pickering

01 EP-0021

40.00 DA

9. Signature:

/Mark C Pickering/

Signature

December 8, 2014

Date

Mark C. Pickering

Name of Person Signing

Total number of pages including cover sheet, attachments, and documents:

5

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O. Box 1450, Alexandria, V.A. 22313-1450

PATENT

REEL: 034727 FRAME: 0796

Application No.

Attorney Docket No. TI-74466

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. filed on for

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.

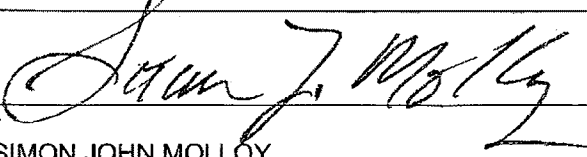
I authorize the later insertion of the nonprovisional application number and filing date hereinbelow.

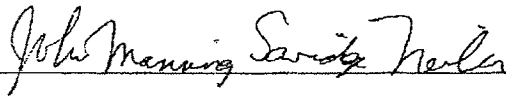
IN WITNESS WHEREOF, I hereunto set hand and seal this day and year;

TITLE	VERTICAL HIGH-VOLTAGE MOS TRANSISTOR AND METHOD OF FORMING THE MOS TRANSISTOR WITH IMPROVED ON-STATE RESISTANCE		
NONPROVISIONAL APPLICATION NO.	14/563,706	FILING DATE	December 8, 2014

SIGNATURE OF INVENTOR	
PRINTED NAME OF INVENTOR	CHRISTOPHER BOGUSLAW KOCON
DATE	12/1/2014
RESIDENCE (CITY AND STATE)	Mountain Top, Pennsylvania

Page 2

SIGNATURE OF INVENTOR	
PRINTED NAME OF INVENTOR	SIMON JOHN MOLLOY
DATE	12/1/14
RESIDENCE (CITY AND STATE)	Allentown, Pennsylvania

SIGNATURE OF INVENTOR	
PRINTED NAME OF INVENTOR	JOHN MANNING SAVIDGE NEILSON
DATE	12/5/14
RESIDENCE (CITY AND STATE)	Norristown, Pennsylvania

SIGNATURE OF INVENTOR	
PRINTED NAME OF INVENTOR	HIDEAKI KAWAHARA
DATE	
RESIDENCE (CITY AND STATE)	Plano, Texas

Application No.

Attorney Docket No. TI-74466

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. filed on for

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	VERTICAL HIGH-VOLTAGE MOS TRANSISTOR AND METHOD OF FORMING THE MOS TRANSISTOR WITH IMPROVED ON-STATE RESISTANCE		
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SIGNATURE OF INVENTOR	
PRINTED NAME OF INVENTOR	JOHN MANNING SAVIDGE NEILSON
DATE	
RESIDENCE (CITY AND STATE)	Norristown, Pennsylvania

SIGNATURE OF INVENTOR	<i>Hideaki Kawahara</i>
PRINTED NAME OF INVENTOR	HIDEAKI KAWAHARA
DATE	12 / 1 / 2014
RESIDENCE (CITY AND STATE)	Plano, Texas