Form PTO-1595 (Rev. 06-12) OMB No. 0651-0027 (exp. 04/30/2015)

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1. Name of conveying party(ies)	Name and address of receiving party(ies)     Name: Texas Instruments Incorporated	
Steven Craig Bartling, Sudhanshu Khanna	Internal Address:	
Additional name(s) of conveying party(ies) attached? Yes No  3. Nature of conveyance/Execution Date(s):  Execution Date(s) June 18, 2014  Assignment Merger  Security Agreement Change of Name  Joint Research Agreement  Government Interest Assignment  Executive Order 9424, Confirmatory License  Other  4. Application or patent number(s): This  A. Patent Application No.(s)	Street Address: 12500 TI Boulevard  M/S 3999  City: Dallas  State: TX  Country: US  Zip: 75243  Additional name(s) & address(es) attached? Yes No document serves as an Oath/Declaration (37 CFR 1.63).  B. Patent No.(s)	
Additional numbers at	tached? Yes No	
5. Name and address to whom correspondence concerning document should be mailed:  Name: Texas Instruments Incorporated  Internal Address:	6. Total number of applications and patents involved:   7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00  Authorized to be charged to deposit account	
Street Address: P.O. Box 655474 M/S 3999	<ul><li>Enclosed</li><li>None required (government interest not affecting title)</li></ul>	
City: Dallas	8. Payment Information	
State: TXZip: 75265-5474  Phone Number: 214-479-1241  Docket Number: TI-74349  Email Address: USPTO@ti.com	Deposit Account Number 200668  Authorized User Name Texas Instruments Incorporated	
9. Signature: /Nicholas T. Peters/	2014-06-20	
Nicholas T. Peters  Name of Person Signing	Date  Total number of pages including cover sheet, attachments, and documents:  3	
Decumpate to be recorded (including cover shee	et) should be faxed to (571) 273-0140, or malled to: of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450	

**PATENT** 

**REEL: 033292 FRAME: 0255** 

Application No. 14/309,362

Docket No. TI-74349

## 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 piece 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) 61/881,687 filed September 24, 2013, and 61/886,901 filed October 4, 2013.

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 logal 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	NON-VOLATILE LOGIC BASED PROCESSING DEVICE		
NONPROVISIONAL APPLICATION NO.	14/309,362	FILING DATE	2014-06-19

SIGNATURE OF INVENTOR	At 1.12-4
PRINTED NAME OF INVENTOR	Steven Craig Bartling
DATE	2014-06-18
RESIDENCE (CITY AND STATE)	Plano, Texas 75093

PATENT REEL: 033292 FRAME: 0256

Page 2

Application No. 14/309,362

SIGNATURE OF INVENTOR	Sichen
PRINTED NAME OF INVENTOR	Sudhanshu Khanna
DATE	2014-06-18
RESIDENCE (CITY AND STATE)	Richardson, Texas 75081

After recording, return Assignment to:

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

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Date: June 20, 2014

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FROM: Nicholas Peters

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Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

Re Applicant: Steven Craig Bartling et al.

Appln No.:

14/309,362

Filed:

June 19, 2014

For:

Non-Volatile Logic Based Processing Device

Conf. No.

1051

Customer No.:

23494

Attachments:

Recordation Cover and Assignment

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> **PATENT REEL: 033292 FRAME: 0258**

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