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

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Name of conveying party(ies)	2. Name and address of receiving party(ies)	
1. Name of conveying partyles/	Name: Texas Instruments Incorporated	
Steven Craig Bartling, Sudhanshu Khanna	Internal Address:	
Additional name(s) of conveying party(ies) attached? Yes 10 No. 3. Nature of conveyance/Execution Date(s):	Street Address: 12500 TI Boulevard	
Execution Date(s) February 18, 2013	M/S 3999	
Assignment Merger		
Security Agreement Change of Name	City: Dallas	
Joint Research Agreement	State: TX	
Government Interest Assignment	Country: US Zip: 75243	
Executive Order 9424, Confirmatory License	Country	
Other	Additional name(s) & address(es) attached? Yes 🔳 No	
	document serves as an Oath/Declaration (37 CFR 1.63). B. Patent No.(s)	
A. Patent Application No.(s)	b. Falent No.(5)	
13/770,448		
8 4 19 1		
Additional numbers attached? Yes No 5. Name and address to whom correspondence 6. Total number of applications and patents		
concerning document should be mailed:	involved: 1	
Name: Texas Instruments Incorporated	7. Total fee (37 CFR 1.21(h) & 3.41) \$40.00	
Internal Address:		
	Authorized to be charged to deposit account	
Street Address: P.O. Box 655474	Enclosed	
M/S 3999	None required (government interest not affecting title)	
City: Dallas	8. Payment Information	
State: TX Zip: 75265-5474		
Phone Number: 214-479-1241	Deposit Account Number 200668	
Docket Number: TI-72930	1	
Email Address: USPTO@ti.com	Authorized User Name Toxas Instruments Incorporated	
9. Signature: /Nicholas T. Peters/	2013-04-05	
Signature	Date	
Nicholas T. Peters Name of Person Signing	Total number of pages including cover sheet, attachments, and documents:	
Documents to be recorded (including cover shot	t) should be faxed to (571) 273-0140, or mailed to:	
Mail Stop Assignment Recordation Servicos, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450		

Attorney Docket No. TI-72930

Serial No. 13/770,448

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, the said application having been executed on the date set forth below; and

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;

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, I hereby sell and assign to the said TEXAS INSTRUMENTS INCORPORATED, its successors and assigns, my entire right, title and interest in and to the said invention and in to the said application and all patents which may be granted therefor, and all divisions, reissues, substitutions, continuations, and extensions thereof; and I hereby authorize and request the Commissioner of Patents and Trademarks to Issue all patents for said invention, or patent resulting therefrom, insofar as my interest is concerned, 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 foreign rights to the invention disclosed in said application, in all countries of the world, including the right to file applications and obtain patents under the terms of the International Convention for the Protection of Industrial Property, and of the European Patent Convention, and further agree to execute any and all patent applications, assignments, affidavits, and any other papers in connection therewith necessary to perfect such patent 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.

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

TITLE OF INVENTION	CUSTOMIZABLE BACKUP AND RESTORE FROM NONVOLATILE LOGIC ARRAY
SIGNATURE OF INVENTOR AND NAME	Steven Craig Bartling
RESIDENCE (CITY AND STATE)	Plano, Texas
DATE DECLARATION SIGNED	February 18, 2013

PATENT REEL: 030165 FRAME: 0154 TI-72930

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TITLE OF INVENTION	CUSTOMIZABLE BACKUP AND RESTORE FROM NONVOLATILE LOGIC ARRAY
SIGNATURE OF INVENTOR AND NAME	Sudhanshu Khanna
RESIDENCE (CITY AND STATE)	Richardson, Texas
DATE DECLARATION SIGNED	February 18, 2013

PATENT REEL: 030165 FRAME: 0155