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

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	RM COVER SHEET		
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Name of conveying party(ies)	Name and address of receiving party(ies)     Name: Texas Instruments Deutschland GmbH		
Joerg Schreiner	Internal Address:		
Additional name(s) of conveying party(les) attached? Yes No.  3. Nature of conveyance/Execution Date(s):  Execution Date(s) October 25, 2015	Street Address: Haggertystrasse 1		
Assignment Merger  Security Agreement Change of Name	City: Freising		
Joint Research Agreement Government Interest Assignment Executive Order 9424, Confirmatory License	State:Zip: 85356		
	Additional name(s) & address(es) attached?  Yes No		
A. Patent Application No.(s) 14/918,133	document serves as an Oath/Declaration (37 CFR 1.63).  B. Patent No.(s)  tached? Yes No		
5. Name and address to whom correspondence	6. Total number of applications and patents involved:		
concerning document should be mailed:  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 M/S 3999	Enclosed  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: T1-75890	Authorized User Name Texas Instruments Incorporated		
Email Address: USPTO@ti.com	Authorized Oper Name		
9. Signature: /Nicholas T. Peters/	2015-10-26		
Signature	Date Tatal sumber of pages including cover o		
Nicholas T. Peters  Name of Person Signing	Total number of pages including cover sheet, attachments, and documents:		
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**PATENT** 

REEL: 036984 FRAME: 0395

## 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 DEUTSCHLAND GMBH, a corporation organized and existing under the laws of Germany, with a place of business at Haggertystrasse 1. Freising, Germany 85356, 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), 62/120,830 filed February 25, 2015.

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, I hereby sell and assign unto the said TEXAS INSTRUMENTS DEUTSCHLAND GMBH, 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 DEUTSCHLAND GMBH, as assignee of my entire right, title and interest.

I also hereby self and essign to TEXAS INSTRUMENTS DEUTSCHLAND GMBH, 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 DEUTSCHLAND GMBH, 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 DEUTSCHLAND GMBH, 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:  Compute Through Power Loss Approach For Processing Device Having			
TITLE	Nonvolatile Logic Memory		
NONPROVISIONAL APPLICATION NO.	14/918,133	FILING DATE	2015-10-20

SIGNATURE OF INVENTOR	Hoy Shi
PRINTED NAME OF INVENTOR	Joerg Schreiner
DATE	10/25/2015
RESIDENCE (CITY AND STATE)	Fürstenfeldbruck, Germany

Dallas, Texas 75243

After recording, return Assignment to:

Page 1

Texas instruments Incorporated 12500 TI Boulevard (M/S 3999)

## FITCHEVEN



Fitch, Even, Tabin & Flannery LP 120 South LaSalle Street Suite 1600 Chicago, Illinois 60603-3406 312.577.7000 312 577.7007 fax info@fitcheven.com www.fitcheven.com

## FACSIMILE

Date: October 26, 2015

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FROM: Nicholas Peters

OUR FILE NO. TI-75890

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Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Re Applicant: Andreas Dannenberg et al.

Appln No.:

14/918,133

Filed:

October 20, 2015

For:

Compute Through Power Loss Approach For Processing Device

Having Nonvolatile Logic Memory

Conf. No.

6998

Customer No.:

23494

Attachments:

Recordation Cover and Assignment

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PATENT REEL: 036984 FRAME: 0397

**RECORDED:** 10/26/2015