

Form PTO-1595 (Rev. 03-11)
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U.S. DEPARTMENT OF COMMERCE
United States Patent and Trademark Office

RECORDATION FORM COVER SHEET
PATENTS ONLY TI-68368

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)
Byron Neville Burgess May 21, 2012
William Robert Krenik May 22, 2012
Stuart M. Jacobsen May 24, 2012
Additional name(s) of conveying party(ies) attached? Yes No

2. Name and address of receiving party(ies)
Name: TEXAS INSTRUMENTS INCORPORATED
Internal Address: _____
Street Address: P. O. Box 655474
City: Dallas
State: Texas
Country: US Zip: 75265
Additional name(s) & address(es) attached? Yes No

3. Nature of conveyance/Execution Date(s):
See dates to the right of conveying parties
Execution Date(s) _____
 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 document is being filed together with a new application.
A. Patent Application No.(s)
13/484,931
B. Patent No.(s)
Additional numbers attached? Yes No

5. Name and address to whom correspondence concerning document should be mailed:
Name: TEXAS INSTRUMENTS INCORPORATED
Internal Address: _____
Street Address: 12500 TI Boulevard - M/S 3999
City: Dallas
State: Texas Zip: 75243
Phone Number: _____
Fax Number: (214) 479-1223
Email Address: j-garner2@ti.com

6. Total number of applications and patents involved: One
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 20-0668
Authorized User Name Jacki Garner

9. Signature: /Jonathan M. Harris/ May 31, 2012
Signature Date
Jonathan M. Harris
Name of Person Signing
Total number of pages including cover sheet, attachments, and documents: 3

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

CH \$40.00 200668 13484931

Attorney Docket No.
TI-68368

Serial No.

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

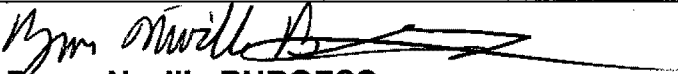
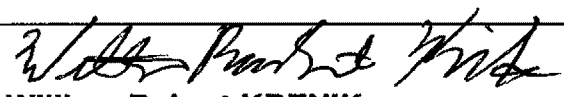
WHEREAS, TEXAS INSTRUMENTS INCORPORATED, a corporation organized and existing under the laws of the State of Delaware, with a place of business at 7839 Churchill Way, M/S 3999, Dallas, Texas 75251, is desirous of acquiring my entire right, title and interest in and to the said invention, and to the said 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.

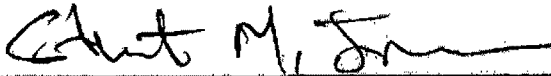
I hereby further agree that I will communicate to said TEXAS INSTRUMENTS INCORPORATED, or to its successors, assigns, and legal representatives, any facts known to me respecting said invention, and at the expense of said assignee company, testify in any legal proceedings, sign all lawful papers, execute 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	AN INTEGRATED RESONATOR WITH A MASS BIAS
SIGNATURE OF INVENTOR AND NAME	 Byron Neville BURGESS
RESIDENCE (CITY AND STATE)	1913 San Carlos Avenue, Allen, Texas 75002
DATE DECLARATION SIGNED	5/21/12
TITLE OF INVENTION	AN INTEGRATED RESONATOR WITH A MASS BIAS
SIGNATURE OF INVENTOR AND NAME	 William Robert KRENIK
RESIDENCE (CITY AND STATE)	5909 Indian Hills Drive, Garland, Texas 75044
DATE DECLARATION SIGNED	5/22/12

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TITLE OF INVENTION	AN INTEGRATED RESONATOR WITH A MASS BIAS 
SIGNATURE OF INVENTOR AND NAME	Stuart M. JACOBSEN
RESIDENCE (CITY AND STATE)	3205 Crossbow Drive, Frisco, Texas 75034
DATE DECLARATION SIGNED	5/24/12

After recording, return Assignment to:

Texas Instruments Incorporated
12500 TI Boulevard - M/S 3999
Dallas, Texas 75243