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1. Name of conveying party(ies)	2. Name and address of receiving party(ies)
Biranchinath Sahu Christopher Sanzo	Name: Texas Instruments Incorporated
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Additional name(s) of conveying party(ies) attached? Yes V	
3. Nature of conveyance/Execution Date(s):	Street Address: 7839 Churchill Way, M/S 3999
Execution Date(s) 08/08/2008 (both)	
Assignment Merger	
Security Agreement Change of Name	City: Dallas
Joint Research Agreement	State: Texas
Government Interest Assignment	Country: U\$A Zip:75251
Executive Order 9424, Confirmatory License	Zip.13201
Other	Additional name(s) & address(es) attached? Yes Vo
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)
U.S. Serial No.: 12/188,752 Filed: 8 August 2008	
Additional numbers attached? ☐ Yes ✔ No	
5. Name and address to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved: 1
Name Warren L. Franz	7. Total fee (37 CFR 1.21(h) & 3.41) \$_40.00
Internal Address: Texas Instruments Incorporated	Authorized to be charged by credit card
	Authorized to be charged to deposit account
Street Address: 7839 Churchill Way, M/S 3999	Enclosed
	None required (government interest not affecting title)
City: Dallas	8. Payment Information
State: Texas Zip:75251	a. Credit Card Last 4 Numbers
Phone Number:972.917.5271	Expiration Date
Fax Number: 972.917.4418	b. Deposit Account Number 20-0668
Email Address: w-franz@ti.com	Authorized User Name Christopher P. Harris
9. Signature:	I
Signature Bate	
Christopher P. Harris	Total number of pages including cover 3
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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: 021372 FRAME: 0541

Attorney Docket No. TI-63951

Serial No.

12/188,752

## **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 fight, title and interest.

I also hereby sell and assign to TEXAS SISTRUMENTS 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 Parts 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.

Incorporate that I will communicate to said TEXAS INSTRUMENTS INCORPORATED, or to its successors, assigns, and legal representatives, any facts known to me respecting sald 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 tawful 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 WHE	REOF, I hereunto set hand and seal this day and year;
TITLE OF INVENTION	Self-Testing Digital-to-Analog Converter
SIGNATURE OF INVENTOR AND NAME	Biranchinath Sahu
DATE	08/08/2008
RESIDENCE (CITY AND STATE)	305, Gitanjali Paradise 14, Nagavarapalaya C.V. Raman Nagar Bangalore – 560093 india
DATE DECLARATION SIGNED	28/68/ 2004.

PATENT

REEL: 021372 FRAME: 0542

Page 2

TITLE Salf-Testing Digital-to-Analog Converter OF INVENTION SIGNATURE QF INVENTOR Christophe AND NAME 8/2008 DATE 68 Lorraine Avenue RÉSIDENCE Providence, RI 02906 (CITY AND STATE) DATE DECLARATION SIGNED

After recording, return Assignment to:

TI-63951

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

**PATENT** 

REEL: 021372 FRAME; 0543 PR