

**FORM PTO-1595** 

U.S. Department of Commerce Patent and Trademark Office

TI-36665	102789219							
To the Assistant Commissioner for	Patents. Please record the attached of	riginal documents or co	py thereof.	5	٠ ر	<u>3</u>	<u> </u>	1
Name of conveying party(ies):     Franco Maloberti (01/20/2004)     Martin K. Kinyua (12/16/2003)  Additional name(s) attached?	Yes _X_N6/RADEMARK	2. Name and Address  Name: Address: City: State: Zip:  Additional name(s) & a	Texas Instrum PO Box 6554 Dallas Texas 75265	nents Inco 74, M/S 39	99		<b>l</b> o	
Nature of Conveyance:				_				
X Assignment Security Agreem Other Execution Date: January 20, 20								
Application number(s) or patent	number(s).							
Execution date of the application	being filed together with a new applica : January 20, 2004 and December 11 TAL BACKGROUND CALIBRATION II	5, 2003	CHITECTURE					
•		R. Patent No.(c)						
A. Patent Application No.(s)  10/738,751  Additional numbers attached?	YesXNo	B. Patent No.(s)  Additional nu	ımbers attache	d?	Yes _	_x	No	
A. Patent Application No.(s) 10/738,751	hom correspondence concerning corporated 3999	. ,					No	
A. Patent Application No.(s)  10/738,751  Additional numbers attached?  5. Name and address of party to w document should be mailed:  Name: W. Daniel Swayze Jr.  Texas Instruments In:  Address: PO Box 655474, M/S  City: Dallas	hom correspondence concerning corporated 3999	Additional nu	ns and patents	involved:	1_			
A. Patent Application No.(s)  10/738,751  Additional numbers attached?  5. Name and address of party to w document should be mailed:  Name: W. Daniel Swayze Jr.  Texas Instruments In:  Address: PO Box 655474, M/S  City: Dallas	hom correspondence concerning corporated 3999	Additional nu	ns and patents sed or authorize	ed to be ch	1_	\$40	)	
A. Patent Application No.(s)  10/738,751  Additional numbers attached?  5. Name and address of party to w document should be mailed:  Name: W. Daniel Swayze Jr.  Texas Instruments In:  Address: PO Box 655474, M/S  City: Dallas	hom correspondence concerning corporated 3999	Additional nu 6. Number of applicatio 7. Amount of fee enclos 8. Deposit account nu by deposit account	ns and patents sed or authorize	ed to be ch	1_	\$40	)	
A. Patent Application No.(s)  10/738,751 Additional numbers attached?  5. Name and address of party to w document should be mailed:  Name: W. Daniel Swayze Jr. Texas Instruments In: Address: PO Box 655474, M/S City: Dallas State: Texas Zip: 75265	bornorated 3999  DO NOT USE 1	Additional nu 6. Number of applicatio 7. Amount of fee enclos 8. Deposit account nu by deposit account	sed or authorized umber (Attach the copy is a ched copy is a	ed to be ch	1_ narged: of this	<b>\$40</b>	<b>)</b>	ng

05/19/2

01 FC:8021

40.00 DA

**PATENT REEL: 015335 FRAME: 0668** 

## **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, having a place of business at 7839 Churchill Way, MS 3999, Dallas, Texas 75251, P.O. Box 655474, MS 3999, Dallas, Texas 75265, 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 my hand and seal this day and year;

TITLE OF INVENTION	Continuous Digital Background Calibration in Pipelined ADC Architecture			
SIGNATURE OF INVENTOR AND NAME	Franco Maloberti	Martin Kithinji Kinyua		
DATE	01/20/04			
RESIDENCE (City, State)	Plano, Texas	Dallas, Texas		
DATE APPLICATION EXECUTED	01/20/04			

After recordation, please return Assignment to:

W. James Brady Texas Instruments Incorporated P.O. Box 655474, M/S 3999 Dallas, TX 75265

> PATENT REEL: 015335 FRAME: 0669

ATTORNEY DOCKET NO.	
TI-36665	

## **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, having a place of business at 7839 Churchill Way, MS 3999, Dallas, Texas 75251, P.O. Box 655474, MS 3999, Dallas, Texas 75265, 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 my hand and seal this day and year;

TITLE OF INVENTION	Continuous Digital Background Calibration in Pipelined ADC Architectu			
SIGNATURE OF INVENTOR AND NAME	Franco Maloberti	Martin Kithinji Kinyua		
DATE		12-16-2003		
RESIDENCE (City, State)	Plano, Texas	Dallas, Texas		
DATE APPLICATION EXECUTED		12-16-2003		

After recordation, please return Assignment to:

RECORDED: 05/13/2004

W. James Brady Texas Instruments Incorporated P.O. Box 655474, M/S 3999 Dallas, TX 75265

> PATENT REEL: 015335 FRAME: 0670