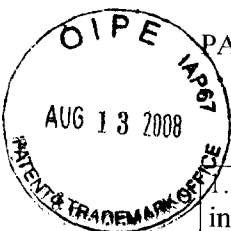


08-19-2008

PATENTS ONLY



103520403



8-13-08

1. Name of party or parties conveying an interest:

**RALPH G. OBERHUBER**  
**TIMOTHY V. KALTHOFF**

2. Name and address of party or parties receiving an interest:

Name: Texas Instruments Incorporated  
 a Delaware corporation  
 7839 Churchill Way, MS 3999  
 Dallas, Texas 75251

3. Description of the interest conveyed:

☒ Assignment  
☐ Merger  
☐ Change of Name  
☐ Security Agreement

Other:

Execution Date: August 6, 2008

4. Application number(s) or patent number(s).  
 Additional sheet attached?  
 YES \_\_\_ NO X

If the document is being filed together with a  
 new application, the execution date of the  
 application is:

A. Patent Application no.(s): 12/188, 014 filed  
 August 7, 2008

B. Patent no.(s):

5. Name and address of party to whom  
 correspondence concerning this cover sheet  
 should be mailed:

Name: Mark C. Zimmerman  
 Reg. No. 44,006  
 HANLEY, FLIGHT & ZIMMERMAN, LLC  
 150 S. Wacker Drive, Suite 2100  
 Chicago, Illinois 60606

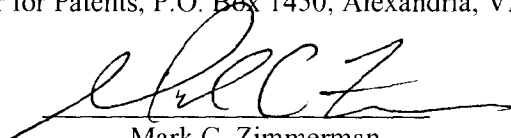
6. Number of applications and/or patents  
 identified on this cover sheet: 1

7. Amount of fee authorized to be charged to  
 deposit account 20-0668:  
 \$40.00

8. Any additional required fee may be charged,  
 or any overpayment credited to our deposit  
 account: 20-0668

9. To the best of my knowledge and belief, the information contained on this cover sheet is true and correct and any copy submitted is a true copy of the original document. I hereby certify that this paper is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on this date:

Date: August 8, 2008

  
 Mark C. Zimmerman  
 Registration No.: 44,006

Total number of pages including cover sheet, attachments, and document: 3

08/18/2008 DBYRNE 00000009 200668 12188014

01 FC:8021

40.00 DA

Application 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 Paris 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	CIRCUITS AND METHODS TO MINIMIZE NONLINEARITY ERRORS IN INTERPOLATING CIRCUITS
SIGNATURE OF INVENTOR AND NAME	<i>Ralph Oberhuber</i> Ralph G. Oberhuber
RESIDENCE (CITY AND STATE)	Plano, Texas
DATE SIGNED	Aug 6, 2008

TITLE OF INVENTION	CIRCUITS AND METHODS TO MINIMIZE NONLINEARITY ERRORS IN INTERPOLATING CIRCUITS
SIGNATURE OF INVENTOR AND NAME	 Timothy V. Kalthoff
RESIDENCE (CITY AND STATE)	Tucson, Arizona
DATE SIGNED	AUG 6, 2008

After recordation, please return Assignment to:

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