

02-27-2006

2/16/06



ET

Atty Docket No. TI-60876

103185603

To the Director of the U.S. F. Office. Please record the attached documents or the new address(es) below.

113277 U.S. PTO  
11/355815



021606

**1. Name of conveying party(ies)/Execution Date(s):**  
**Bing Ouyang**  
**John Michael Hayden**  
**Troy Lane Ethridge**  
**Anuradha Sundararajan**  
**Larry D. Dickinson**

**2. Name and address of receiving party(ies)**  
 Name: **Texas Instruments Incorporated**  
 Internal Address: \_\_\_\_\_  
 Street Address: **P.O. Box 655474, M/S 3999**

Execution Date(s) **February 16, 2006**  
 Additional name(s) of conveying party(ies) attached?  Yes  No

City: **Dallas**

**3. Nature of conveyance:**  
 Assignment  Merger  
 Security Agreement  Change of Name  
 Government Interest Assignment  
 Executive Order 9424, Confirmatory License  
 Other \_\_\_\_\_

State: **Texas**  
 Country: **US** Zip: **75265**

Additional name(s) & address(es) attached?  Yes  No

**4. Application or patent number(s):**  
 A. Patent Application No.(s)

This document is being filed together with a new application.  
 B. Patent No.(s)

Additional numbers attached?  Yes  No

**5. Name and address to whom correspondence concerning document should be mailed:**  
 Name: **Charlie Brill**

**6. Total number of applications and patents involved:**

Internal Address: \_\_\_\_\_  
 Street Address: **Customer No. 23494**  
 City: \_\_\_\_\_  
 State: \_\_\_\_\_ Zip: \_\_\_\_\_  
 Phone Number: **972-917-5440**  
 Fax Number: **972-917-4418**  
 Email Address: \_\_\_\_\_

**7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00**  
 Authorized to be charged by credit card  
 Authorized to be charged to deposit account  
 Enclosed  
 None required (government interest not affecting title)

02/24/2006 01 FC:8021  
 40.00 DA

**8. Payment Information**  
 a. Credit Card Last 4 Numbers \_\_\_\_\_ Expiration Date \_\_\_\_\_  
 b. Deposit Account Number **20-0668**  
 Authorized User Name **Ira S. Matsil**

**9. Signature:** \_\_\_\_\_  
 Signature  
**Ira S. Matsil, Reg. No. 35,272**  
 Name of Person Signing

February 16, 2006  
 Date  
 Total number of pages including cover sheet, attachments, and documents:

Attorney Docket No.  
TI-60876

**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

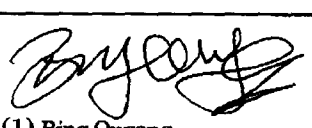
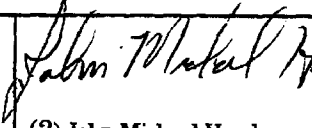
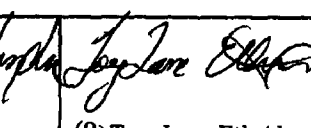
WHEREAS, TEXAS INSTRUMENTS INCORPORATED, a corporation organized and existing under the laws of the State of Delaware, with its principal office at 7839 Churchill Way, M.S. 3999, Dallas, Texas 75251, is desirous of acquiring my entire right, title and interest in and to the said invention, and to the 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	<b>Method and Apparatus for Analog Graphics Sample Clock Frequency Offset Detection and Verification</b>		
SIGNATURE OF INVENTOR AND NAME	 (1) Bing Ouyang	 (2) John Michael Hayden	 (3) Troy Lane Ethridge
DATE	2/16/2006	2/16/2006	2-16-06
RESIDENCE (CITY AND STATE)	Plano, Texas	Allen, Texas	Bedford, Texas
DATE APPLICATION EXECUTED	2/16/2006	2/16/2006	2-16-06

After recording, return Assignment to:

Charlie Brill  
Texas Instruments Incorporated  
P.O. Box 655474, M/S 3999  
Dallas, TX 75

Attorney Docket No.  
TI-60876

**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

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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.

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TITLE OF INVENTION	<b>Method and Apparatus for Analog Graphics Sample Clock Frequency Offset Detection and Verification</b>		
SIGNATURE OF INVENTOR AND NAME	<i>Anu</i> (4) Anuradha Sundararajan	(5) Larry D. Dickinson	
DATE	2-16-06		
RESIDENCE (CITY AND STATE)	Plano, Texas	Richardson, Texas	
DATE APPLICATION EXECUTED	2-16-06		

After recording, return Assignment to:

Charlie Brill

Attorney Docket No.  
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IN WITNESS WHEREOF, I hereunto set hand and seal this day and year:

TITLE OF INVENTION	<b>Method and Apparatus for Analog Graphics Sample Clock Frequency Offset Detection and Verification</b>		
SIGNATURE OF INVENTOR AND NAME	(4) Anuradha Sundararajan	<i>Larry D. Dickinson</i>	(5) Larry D. Dickinson
DATE		16 FEB 2006	
RESIDENCE (CITY AND STATE)	Plano, Texas	Richardson, Texas	
DATE APPLICATION EXECUTED		16 FEB 2006	

After recording, return Assignment to:

Charlie Brill

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

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