

08-26-2003

FORM PTO-1595

U.S. Department of Commerce  
Patent and Trademark Office

102534319

To the Honorable Commissioner of Patents and Trademarks. Please record the attached original documents or copy thereof.

## 1. Name of conveying party(ies):

Xiaolin Lu  
Srinath Hosur  
Manish Goel  
Michael O. Polley

8-18-03

Additional name(s) attached? \_\_\_ Yes \_\_\_X\_\_\_ No

## 2. Name and Address of receiving party(ies):

Name: Texas Instruments Incorporated  
Internal Address: P. O. Box 655474, M/S 3999  
Street Address: 7839 Churchill Way

City: Dallas

State: Texas

Zip: 75265

Additional name(s) &amp; address(es) attached? \_\_\_ Yes \_\_\_X\_\_\_ No

## 3. Nature of Conveyance:

☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Other \_\_\_\_\_Execution Date: **August 5, 6 & 7, 2003**

## 4. Application number(s) or patent number(s).

If this document is being filed together with a new application, the execution date of the application is: **08/05 & 06 & 07/2003**

## A. Patent Application No.(s)

10643119

Additional numbers attached? \_\_\_ Yes \_\_\_X\_\_\_ No

## B. Patent No.(s)

Additional numbers attached? \_\_\_ Yes \_\_\_X\_\_\_ No

## 5. Name and address of party to whom correspondence concerning document should be mailed:

Name: April M. Mosby  
Internal Address: P. O. Box 655474, M/S 3999  
Street Address: 7839 Churchill Way

City: Dallas

State: Texas

Zip: 75265

6. Number of applications and patents involved: 17. Amount of fee enclosed or authorized to be charged: **\$40.00**8. Deposit account number (Attach two copies of this form if paying by deposit account): **20-0668****DO NOT USE THIS SPACE**

## 9. Statement and signature.

*To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.*  
SignatureName of Person Signing: April M. Mosby, Reg. No. 44,955Date: 8/18/03

Total number of pages including cover sheet, attachments, and document: 5

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03941 U.S. PTO  
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08/18/03**PATENT**  
**REEL: 014413 FRAME: 0809**

## 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

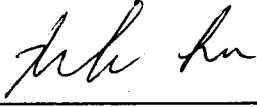
WHEREAS, TEXAS INSTRUMENTS INCORPORATED, a corporation organized and existing under the laws of the State of Delaware, with a place of business at 7839 Churchill Way, M/S 3999, Dallas, Texas 75251, is desirous of acquiring my entire right, title and interest in and to the said invention, and to the said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

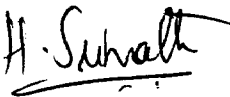
NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, I hereby sell and assign to the said TEXAS INSTRUMENTS INCORPORATED, its successors and assigns, my entire right, title and interest in and to the said invention and in to the said application and all patents 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.

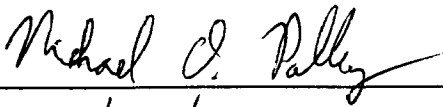
I hereby further agree that I will communicate to said TEXAS INSTRUMENTS INCORPORATED, or to its successors, assigns, and legal representatives, any facts known to me respecting said invention, and at the expense of said assignee company, testify in any legal proceedings, sign all lawful papers, execute 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	<b>WIRELESS ACCESS MODEM HAVING DOWNSTREAM CHANNEL RESYNCHRONIZATION METHOD</b>
SIGNATURE OF INVENTOR AND NAME	Xiaolin Lu 
DATE	08/06/2003
RESIDENCE (CITY AND STATE)	4408 Cedar Valley Dr. Plano, TX 75024
DATE APPLICATION EXECUTED	08/06/2003

TITLE OF INVENTION	<b>WIRELESS ACCESS MODEM HAVING DOWNSTREAM CHANNEL RESYNCHRONIZATION METHOD</b>
SIGNATURE OF INVENTOR AND NAME	Srinath Hosur 
DATE	5 <sup>th</sup> August, 2003
RESIDENCE (CITY AND STATE)	8800 Canyonlands Dr. Plano, TX 75025
DATE APPLICATION EXECUTED	5 <sup>th</sup> August, 2003

TITLE OF INVENTION	WIRELESS ACCESS MODEM HAVING DOWNSTREAM CHANNEL RESYNCHRONIZATION METHOD
SIGNATURE OF INVENTOR AND NAME	Manish Goel
DATE	<i>Manish L</i> 8/7/03
RESIDENCE (CITY AND STATE)	<del>14332 Montfort Dr. 4202</del> 4417 Helston Drive <del>Dallas, TX 75254</del> Plano, TX 75024
DATE APPLICATION EXECUTED	

TITLE OF INVENTION	<b>WIRELESS ACCESS MODEM HAVING DOWNSTREAM CHANNEL RESYNCHRONIZATION METHOD</b>
SIGNATURE OF INVENTOR AND NAME	Michael O. Polley 
DATE	8/5/03
RESIDENCE (CITY AND STATE)	7617 Windmill Lane Garland, TX 75044
DATE APPLICATION EXECUTED	

After recording, return Assignment to:

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