

06-12-2002



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FORM PTO-1595

TI-32269

VER SHEET  
YU.S. Department of Commerce  
Patent and Trademark Office

To the Assistant Commissioner for Patents. Please record the attached original documents or copy thereof.

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

Misheng Wang (05/29/2001)  
Richard K. Hester (05/30/2001)

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

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

Name: Texas Instruments Incorporated  
Address: PO Box 655474, M/S 3999  
City: Dallas  
State: Texas  
Zip: 75265

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

 J1050 U.S. PTO  
 10/15/9524  
 05/30/02

## 3. Nature of Conveyance:

☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Other \_\_\_\_\_

Execution Date: May 29, 2001; May 30, 2001

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

This document is being filed together with a new application.

Execution date of the application:

Title: UNIVERSAL IMPEDANCE MATCHING NETWORK FOR THE SUBSCRIBER LINE INTEGRATED CIRCUITS

Docket: TI-32269

Filing Date: May 30, 2002

10/159524

## A. Patent Application No.(s)

## B. Patent No.(s)

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

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

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

Name: April M. Mosby  
Texas Instruments Incorporated  
Address: PO Box 655474, M/S 3999  
City: Dallas  
State: Texas Zip: 752656. Number of applications and patents involved: 17. Amount of fee enclosed or authorized to be charged: **\$40**8. Deposit account number (Attach two copies of this form if paying by deposit account): **20-0668**

06/11/2002 DBYRNE 00000069 200668 10159524

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## 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.

5/30/02

Date

April M. Mosby, Registration No. 44,955

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## 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

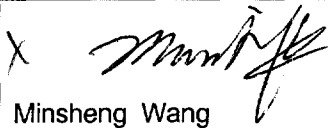
WHEREAS, TEXAS INSTRUMENTS INCORPORATED, a corporation organized and existing under the laws of the State of Delaware, with a place of business at 7839 Churchill Way, M/S 3999, Dallas, Texas 75251, is desirous of acquiring my entire right, title and interest in and to the said invention, and to the said 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>A Universal Impedance Matching Network for the Subscriber Line Integrated Circuits</b>
SIGNATURE OF INVENTOR AND NAME	X  Minsheng Wang
DATE	X May, 29, 2001
RESIDENCE (CITY AND STATE)	Plano, Texas
DATE APPLICATION EXECUTED	X May, 29, 2001

TITLE OF INVENTION	A Universal Impedance Matching Network for the Subscriber Line Integrated Circuits	
SIGNATURE OF INVENTOR AND NAME	X	<i>Rich Hester (By Minsheng Wang)</i>
DATE	X	<i>May, 30, 2001</i>
RESIDENCE (CITY AND STATE)	McKinney, Texas	
DATE APPLICATION EXECUTED	X	<i>May, 30, 2001</i>

After recording, return Assignment to:

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