9 200 BECC 11-07-2000 FORM PTO-1595



U.S. Department of Commerce

Docket Number: TI- 28221	Patent and Trademark Office
To the Ass't Commissioner for Patents. Please record	101506797
Name of conveying party(ies): Yaqi Cheng Adam M. Chellali	2. Name and Address of receiving party(ies): Name: Texas Instruments Inc. Address: P.O. Box 655474 M/S 3999 City: Dallas, Texas 75265
Additional names(s) attached?Yesx No	Country: United States of America Additional name(s) & address(es) attached? Yes _X_ No
Nature of Conveyance:	/ (daile/lai hai he(e) a daileas(es) dilasha : 100 _/c_ 10
X Assignment Merger Security Agreement Change of Name Other Execution Date August 16, 2000 and September 7, 2000	09/67/324
Application number(s) or patent number(s).	
X_ This document is being filed together with a new application Execution date of the application: September 26, 2000	
Title: Multi-Line ADSL Modem A. Patent Application No.(s) S.N	B. Patent No.(s) Additional numbers attached? YesX No
Additional number attached?YesXNo 5. Name and address of party to whom correspondence concerning document should be mailed:	
Dennis Moore Texas Instruments Incorporated P.O. Box 655474, M/S 3999 Dallas, TX 75265 972-917-4259	
	7. Amount of fee enclosed or authorized to be charged: \$40
	8. Deposit Account No: 20-0668
DO NOT U	JSE THIS SPACE
9. Statement and signature. To the best of my knowledge and belief, the foregoing information document. September 26, 2000 Date	Robert C. Klinger, Reg. No. 34,365
Total Number of Pages Including Co	over Sheet, Attachments and Document: <u>3</u>

2529598.1

DOCKET NO.

TI-28221

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 and 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 my 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	MULTI-LINE ADSL MODEM		
SIGNATURE OF INVENTOR(S)	(1) Jag Ol Sagi Cheng	(2) Adam M. Chellali	(3)
RESIDENCE (City, County, State)	Atlanta, Georgia	Richardson, Texas	

After recording return Assignment to:

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

DOCKET NO.

TI-28221

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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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 and 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.

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IN WITNESS WHEREOF, I hereunto set hand and seal this day and year;

TITLE OF INVENTION	MULTI-LINE ADSL MODEM	
SIGNATURE OF INVENTOR(S)	(1) Yaqi Cheng	(2) Adam M. Chellali (3)
DATE		9/7/00
RESIDENCE (City, County,	Atlanta, Georgia	Richardson, Texas

After recording return Assignment to:

RECORDED: 09/26/2000

Ron Neerings

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

Dallas, TX 75265

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PATENT REEL: 011200 FRAME: 0135