Form **PTO-1595**

U.S. DEPARTMENT OF COMMERCE
U.S. Patent and Trademark Office

(Rev. 10/02) OMB No. 0651-0027 (exp. 6/30/2005) 1 025733	14			
Tab settings	y y y y			
To the Honorable Commissioner of Patents and Trademarks:	Please record the attached original documents or copy thereof.			
Name of conveying party(ies):	Name and address of receiving party(ies)			
Xiaohu LI Q. 30. 03	Name: Texas Instruments Incorporated			
(, 30 , 0 3	Internal Address: MS 3999			
	Internal Address:			
Additional name(s) of conveying party(ies) attached? Yes VNo				
3. Nature of conveyance:				
Assignment Merger	Street Address: P.O. Box 655474			
Security Agreement Change of Name	Street Address.			
Other				
	City: Dallas State: TX Zip: 75265			
09/29/03 Execution Date:	A USS A CONTRACTOR AND			
	Additional name(s) & address(es) attached? Yes V No			
4. Application number(s) or patent number(s):	09/29/03			
	cation, the execution date of the application is:			
A. Patent Application No.(s)	B. Patent No.(s)			
Additional numbers attached? Yes V No				
5. Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved:			
Name:	7. Total fee (37 CFR 3.41)\$_\$			
Texas Instruments, Incorporated	Enclosed			
Internal Address:				
	Authorized to be charged to deposit account			
	8. Deposit account number:			
Street Address: P.O. Box 655474, MS 3999	20-0668			
	20-0000			
Delles TV 75265				
City: Dallas State: TX Zip: 75265				
DO NOT USE THIS SPACE				
Signature. To the best of my knowledge and belief, the foregoing information is document.	true and correct and any attached copy is a true copy of the original			
	M. Hz (September 30, 2003			
Jonathan M. Harris, Reg. No. 44,144				
Name of Person Signing				
Total number of pages including cover sheet, attachments, and documents: 1074177 200668 1007477 200668 1007477 200668 1007477 200668 1007477 200668 1007477 200668 1007477 200668 1007477 200668 1007477 200668 1007477 200668 1007477 200668 1007477 200668 1007477 200668 100747 200668 100747 200668 100747 200668 1007477 200668 100747 20068 100747 200668 100747 20068 100747 200668				

40.00 M

Commissioner of Patents & Trademarks, Box Assignments Washington, D.C. 20231

PATENT REEL: 014575 FRAME: 0035

ATTORNEY DOCKET NO.

TI-36347 (1962-08600)

PAGE 1 OF 1

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 P.O. Box 655474, MS 3999, Dallas, Texas 75265, 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 Ass't Commissioner for Patents 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 my hand and seal this day and year;

TITLE OF INVENTION	Two-Stage Symbol Alignment Method For ADSL Transmission In The Presence Of TCM-ISDN Interferers		
SIGNATURE OF INVENTOR AND NAME	Xiaohui LI	(2)	(3)
DATE	09/29/2003		
RESIDENCE (City, County, State)	9704 Forest Lane Dallas, Dallas Texas 75253		
DATE APPLICATION EXECUTED	09/29/2003		

After recordation, please return Assignment to:

Jim Brady Texas Instruments Incorporated

109661/1962.08600

RECORDED: 09/30/2003

PATENT REEL: 014575 FRAME: 0036