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1. Name of conveying party(ies): Keith L. Quiring Alan Gatherer Ray A. King	2. Name and Address of receiving party(ies): Name: Texas Instruments Incorporated Address: P.O. Box 655474 M/S 3999 City: Dallas			
Additional name(s) attached?YesX_No	State: TX Zip: 75265 Additional name(s) attached?YesX_No			
3. Nature of Conveyance:				
_x_AssignmentMerger	Control September 1990 (1990)			
Execution Date: June 29, 1998				
x This document is being filed together with Execution date of the application: June 29, 1998 Title METHODS AND LINECARD DEVICE OVER DIGITAL BACKPLANE Docket No.: 71-26645	a new application. E FOR ALLOCATING MULTIPLE TIMESLOTS			
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:	6. Number of applications and patents involved:1			
Name: Warren Franz Address: Texas Instruments Incorporated P.O. Box 655474, M/S 3999	7. Amount of fee enclosed or authorized to be charged: \$40			
City: Dallas State: TX Zip: 75265	8. Deposit account number (Attach two popies of this form if paying by deposit account): 20-02-8			
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9. Statement and signature. To he best of my knowledge and belief, the foregod true copy of the original document. Arthur I. Navarro	ping information is true and correct and any appropried copy is a June 29, 1998 Bate 1861/6 PATENT			
(REEL: 9286 FRAME: (\$)(\$)8			

ATTORNEY DOCKET NO.
TI-26645

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 13500 North Central Expressway, 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 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	METHODS AND LINECARD DEVICE FOR ALLOCATING MULTIPLE TIMESLOTS OVER DIGITAL BACKPLANE		
SIGNATURE OF INVENTOR AND NAME	Keith J. Lu Keith L. Quiring	Alan Gatherer	Ray A. King
DATE	6-29-48	294 JUNE 98	6-29-78
RESIDENCE (City, County, State)	Dallas, Dallas Texas	Richardson, Collin Texas	Plano, Collin Texas
DATE APPLICATION EXECUTED			

After recording return Assignment to:

RECORDED: 06/29/1998

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

PATENT REEL: 9286 FRAME: 0039