



05-21-2001

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FORM PTO-1595

## RECORDATION FORM COVER SHEET

U.S. Department of Commerce

Docket Number: TI-29893

Patents Only

Patent and Trademark Office

To the Ass't Commissioner for Patents. Please record the attached original documents or copy thereof.

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

Liran Brecher  
Yigal Bitran  
Melamed Oded  
Naftali Sommer

5-14-01

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

Name: Texas Instruments Incorporated  
Address: P. O. Box 655474 M/S 3999  
City: Dallas, TX 75265  
Country: United States of AmericaAdditional name(s) & address(es) attached? ☐ Yes ☒ No

## 3. Nature of Conveyance:

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

Execution Date: Liran Brecher and Naftali Sommer - 12/19/00; Yigal Bitran and Melamed Oded - 12/24/00

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

☐ This document is being filed together with a new application.

Execution date of the application:

Title: EFFICIENT EQUALIZATION FOR DETECTION OF SYMBOLS IN DIGITAL BURST  
TRANSMISSIONS

## A. Patent Application No.(s)

S.N 09/711,025

Additional number attached? ☐ Yes ☒ No

## B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

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

J. Dennis Moore  
Texas Instruments Incorporated  
P. O. Box 655474, M/S 3999  
Dallas, TX 75265  
Tel: (972) 917-56466. Number of applications and patents involved:   (1)  

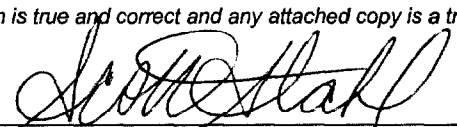
7. Amount of fee enclosed or authorized to be charged: \$40.

8. Deposit Account No: 20-0668

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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.*Date 05/11/2001  
Scott B. Stahl, Reg. No. 33,795Total Number of Pages Including Cover Sheet, Attachments and Document:   3

# 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 filed on November 9, 2000 and assigned U.S. Serial Number 09/711,025; 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	EFFICIENT EQUALIZATION FOR DETECTION OF SYMBOLS IN DIGITAL BURST TRANSMISSIONS		
SIGNATURE OF INVENTOR(S)	(1)Liran Brecher <i>X Liran Brecher</i>	(2) Yigal Bitran <i>X [Signature]</i>	(3) Melamed Oded <i>X Oded Melamed</i>
DATE	<i>X December 19 2000</i>	<i>X Dec-26-2000</i>	<i>X Dec-29-2000</i>
RESIDENCE (City, County, State)	18 Dov Mimzeritz Street Yafo, Israel 68045	26 Alterman Street Tel Aviv, Israel 62998	59 Tarshish Street Shoam, Israel 42463

After recording return Assignment to:

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

# 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 filed on November 9, 2000 and assigned U. S. Serial Number 09/711,025; and

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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	EFFICIENT EQUALIZATION FOR DETECTION OF SYMBOLS IN DIGITAL BURST TRANSMISSIONS		
SIGNATURE OF INVENTOR(S)	(4)Naftali Sommer <i>X Naftali Sommer</i>		
DATE	<i>X December 19<sup>th</sup>, 2000</i>		
RESIDENCE (City, County, State)	3 Chletz Street Rishon Lezion, Israel 75222		

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J. Dennis Moore  
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