

08-20-2001

TI - 31447

FORM PTO-1595

RI



U.S. Department of Commerce  
Patent and Trademark Office

101816193

To the Honorable Commissioner of Patents and Trademarks. Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

*Alexander Bronfer (July 4, 2001)*  
*Eldad Falik (July 4, 2001)*  
*Haviv Ilan (July 4, 2001)*

08/02/01

Additional name(s) & address(es)  
Attached? \_\_\_ Yes X No

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

Name: *Texas Instruments Incorporated*  
Address: *P. O. Box 655474, M.S. 3999*  
City: *Dallas*  
State: *Texas* Zip: *75265*

Additional name(s) & address(es)  
attached? \_\_\_ Yes X No

11002 U.S. PTO  
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3. Nature of Conveyance:

X Assignment \_\_\_\_\_ Merger  
\_\_\_\_ Security Agreement \_\_\_\_\_ Change of Name  
\_\_\_\_ Other \_\_\_\_\_

Execution Date: July 4, 2001

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

If this document is being filed together with a new application, the execution date of the application is: July 4, 2001

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: *Ronald O. Neerings*  
Address: *Texas Instruments Incorporated*  
*P. O. Box 655474, M.S. 3999*  
City: *Dallas*  
State: *Texas* Zip: *75265*

6. Number of applications and patents involved: 1

7. Amount of fee enclosed or authorized to be charged: \$40.00

8. Texas Instruments Incorporated, Account Number: 20-0668

08/17/2001 DBYRME 00000154 200668 09921123

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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.*

*Ronald O. Neerings*  
Signature

Ronald O. Neerings Reg. #34,227  
Name and Registration Number

8/02/01  
Date

Total number of pages including cover sheet, attachments and document: 3

## ASSIGNMENT

WHEREAS, WE,

<u>Inventor Name</u>	<u>Address</u>	<u>Nationality</u>
Alexander Bronfer	128B Abba Hillel St., Ramat Gan , Israel	Israel
Eldad Falik	7208 Duffield Dr., Dallas TX 75248, USA	Israel
Haviv Ilan	38 Hakeshet St., Rosh Haayin , Israel	Israel

hereinafter called 'Assignors', have made certain inventions in

### APPARATUS FOR AND METHOD OF CLOCK RECOVERY FROM A SERIAL DATA STREAM

described in an application for Letters Patent filed herewith by us, and

WHEREAS,

Texas Instruments Incorporated  
7839 Churchill Way, MS 3999  
PO Box 655474  
Dallas TX 75265  
USA

a Delaware corporation, hereinafter called 'Assignee', is desirous of securing an undivided One Hundred Percent (100%) of the entire right, title and interest in and to the said inventions, applications and Letters Patent, when granted, and in and to any divisions, continuations, continuations-in-part, improvements, reissues or extensions that may be granted on any of them;

NOW, THEREFORE, BE IT KNOWN that for and in consideration of the sum of One Dollar (\$1.00) to us in hand paid by the said Assignee, and other good and valuable consideration, the receipt of which is hereby acknowledged, we, the Assignors, have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over unto the said Assignee, its successors and assigns, an undivided One Hundred Percent (100%) of the entire right, title and interest throughout the world in and to the said inventions, applications, Letters Patent, when granted, and in and to any divisions, continuations, continuations-in-part, improvements, reissues or extensions that may be made or granted on any of them;


TO HAVE AND TO HOLD the same to the full end of the term or terms for which said Letters Patent may be granted, as fully and completely as the same might be held by us had this sale and assignment not been made.

For the consideration aforesaid, we hereby covenant and agree to and with the said Assignee, its successors and assigns what whenever its counsel or representative, or the counsel or representative of its successors or assigns, shall advise of, or any other proceeding or action in connection with said application or inventions, including interference proceedings, is lawful and desirable, or that a reissue or continuation, continuation-in-part or extension of said Letters Patent is lawful and desirable, we will sign all lawful papers and drawings, execute all divisional, continuation, reissue and substitute applications, take all rightful oaths and affidavits, testify in any legal proceedings, and do all acts necessary or required to be done for the reissue of continuation, continuation-in-part or extension of same, and will do all

acts necessary or required to secure to the said Assignee, its successors and assigns, the title to and full benefit of all rights hereby assigned, without charge to said Assignee or its successors or assigns, but at its or their expense.

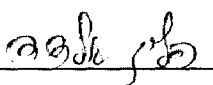
AND the Commissioner of Patents and Trademarks is requested to issue the said Letters Patent, when granted, in accordance with this sale and assignment.

For the consideration aforesaid, we have sold, assigned, transferred and set over and by these presents do sell, assign, transfer and set over unto the said Assignee, its successors and assigns, or the nominees of any of them, an undivided One Hundred Percent (100%) of the entire right, title and interest in and to any and all Letters Patent for said inventions which may be granted in countries foreign to the United States, and in and to any applications for Letters Patent which may be filed for said inventions in countries foreign to the United States, and in and to the inventions described in said applications; and we hereby authorize and empower said Assignee and its successors, assigns or nominees, to apply for Letters Patent or other form of protection on said inventions in its own name or in the name of its successors, assigns or nominees, in any or all countries where it may desire to file such applications, and where said applications may be filed by other than the inventor; and we hereby covenant and agree to sign all papers and drawings, take all rightful oaths, execute all rightful affidavits, and do all acts necessary or required to be done for the procurement and maintenance of Letters Patent or other form of protection for said inventions in countries foreign to the United States, and for further investing or confirming the right and title thereto in the Assignee, its successor, assigns or nominees, but at its or their expense.

  
\_\_\_\_\_  
Alexander Bronfer

Witnessed By: x Oren Eliezer Date: x July 4, 2001

Witnessed By: x Yaron Kaufman Date: x July 4, 2001

x ELDAD FALIK   
\_\_\_\_\_  
Eldad Falik

Witnessed By: x Oren Eliezer Date: x July 4, 2001

Witnessed By: x Yaron Kaufman Date: x July 4, 2001

x Haviv Ilan   
\_\_\_\_\_  
Haviv Ilan

Witnessed By: x Oren Eliezer Date: x July 24, 2001

Witnessed By: x Dan Michael Date: x July 24, 2001

PATENT