

04-20-2001



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FORM PTO-1595

RECORDATION FORM COVER SHEET
PATENTS ONLY

U.S. Department of Commerce
Patent and Trademark Office

TI-29470

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

1. Name of conveying party(ies): **MRD 4.2.01**

**Nir Sasson – March 7, 2001, Yigal Bitran – March 7, 2001,
Oded Melamed – March 8, 2001, Adam Lapid – March 8, 2001,
Raanan Yechezkel – March 12, 2001, Uri Garbi – March 7, 2001**

2. Name and Address of receiving party(ies)

Texas Instruments Incorporated
7839 Churchill Way, MS 3999
Dallas, Texas 75251

APR - 2 2001

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

Additional name(s) attached? Yes No

3. Nature of Conveyance:

- New Assignment Merger
- Security Agreement Change of Name
- Other _____

Execution Date: **March 7, & 8 & 12, 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:

A. Patent Application No.(s)

B. Patent No.(s)

S.N. 09/711,931 filed November 13, 2000

Additional numbers attached? Yes No

Additional numbers attached? Yes No

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

Warren L. Franz
P. O. Box 655474, M/S 3999
Dallas, Texas 75265

6. Number of applications and patents involved: 1

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

8. Deposit account number: **20-0668**

DO NOT USE THIS SPACE

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.

Signature

Name of Person Signing: Warren L. Franz, Reg. No. 28,716

Date: 3/26/01

Total number of pages including cover sheet, attachments, and document: 5

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 a place of business at 7839 Churchill Way, 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;

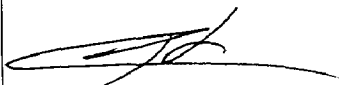

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, I hereby sell and assign to the said TEXAS INSTRUMENTS INCORPORATED, its successors and assigns, my entire right, title and interest in and to the said invention and in and to the said application and all 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 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	SINGLE CHIP INTEGRATED CATV TUNER FOR DIGITAL AND ANALOG APPLICATIONS		
SIGNATURE OF INVENTOR AND NAME	Nir Sasson	Yigal Bitran	Oded Melamed
DATE	March 7th 01	March 7th 01	March 8th 01
RESIDENCE (City, County, State)	Moshav- Eyn Sarid Eyn Sarid, Israel	Tel-Aviv Israel	Petach Tikva Israel
DATE APPLICATION EXECUTED	MR. Sasson		Oded Melamed

<p>TITLE OF INVENTION</p>	<p>SINGLE CHIP INTEGRATED CATV TUNER FOR DIGITAL AND ANALOG APPLICATIONS</p>		
<p>SIGNATURE OF INVENTOR AND NAME</p>	 <p><i>Adam Lapid</i></p>	<p><i>Raanan Yechezkel</i></p>	 <p><i>Uri Garbi</i></p>
<p>DATE</p>	<p><i>March 8th 01</i></p>		<p><i>March 7th 01</i></p>
<p>RESIDENCE (City, County, State)</p>	<p><i>Shoham Israel</i></p>	<p><i>Holon Israel</i></p>	<p><i>Tel-Mond Israel</i></p>
<p>DATE APPLICATION EXECUTED</p>			

After recording return Assignment to:

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

ASSIGNMENT

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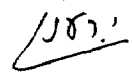
NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, I hereby sell and assign to the said TEXAS INSTRUMENTS INCORPORATED, its successors and assigns, my entire right, title and interest in and to the said invention and in and to the said application and all 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.

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;

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SIGNATURE OF INVENTOR AND NAME	Nir Sasson	Yigal Bitran	Oded Melamed
DATE			
RESIDENCE (City, County, State)	Moshav- Eyn Sarid Eyn Sarid, Israel	Tel-Aviv Israel	Petach Tikva Israel
DATE APPLICATION EXECUTED			

TITLE OF INVENTION	SINGLE CHIP INTEGRATED CATV TUNER FOR DIGITAL AND ANALOG APPLICATIONS		
SIGNATURE OF INVENTOR AND NAME	Adam Lapid	 Raanan Yechezkel	Uri Garbi
DATE		12 / March / 2001	
RESIDENCE (City, County, State)	Shoham Israel	Holon Israel	Tel-Mond Israel
DATE APPLICATION EXECUTED			

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