

FORM PTO 1595

1-31-97

RE

01-17-2002

U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office

To the Honorable Commissioner of Patents

## 1. Name and Address of Conveying Party(ies):

Theodore W. Houston  
1522 N. Cheyenne Drive  
Richardson, Texas 7580  
Dallas County

Individual Citizenship: USA

Additional name(s) of conveying party(ies) attached?

☒ Yes ☐ No

101949556

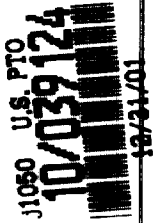
Name:

Mailing Address:

Street Address:

Original documents or copy thereof.

Receiving Party(ies):

TEXAS INSTRUMENTS  
INCORPORATED  
Legal Department  
P. O. Box 655474, M/S 3999  
Dallas, Texas 75251Legal Department  
7839 Churchill Way, M/S 3999  
Dallas, Texas 75265Additional name(s) &  
Address(es) attached?☐ Yes☒ No

## 3. Nature of conveyance:

☒

Assignment

☐

Merger

☐

Security Agreement

☐

Change of Name

☐

Other

Execution Date: 12/28/01

## 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: 12/28/01

A. Patent Application No.(s):

B. Patent No.(s):

Additional Numbers

☐ Yes☒ No

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

Name: Jacqueline J. Garner, Esq.  
Internal Address: Texas Instruments Incorporated  
Street Address: 7839 Churchill Way, M/S 3999  
City: Dallas  
State: Texas Zip 75251

## 6. Total number of application and patents involved: One

## 7. Total Fee (37C.F.R. 3.41): \$40.00

☐  
☒

Enclosed

Authorized to be charged to deposit account

## 8. Deposit Account Number:

No. 20-0668 of Texas Instruments Incorporated  
(Attach Duplicate Copy of this page if paying by deposit account)

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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.*Jay B. Johnson, Reg. No. 38,193  
Name of Person Signing

Signature

12/28/01

Date

Total number of pages including cover sheets

4

OMB No. 0651-0011 (exp. 4/94)

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FORM PTO-1595  
ATTACHMENT

1. **Name of Conveying Parties – Continued – ALL INDIVIDUALS**

Sudhir K. Madan  
610 Saint George  
Richardson, Texas 75081  
Dallas County

USA

**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

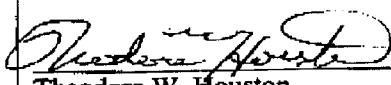
**WHEREAS**, TEXAS INSTRUMENTS INCORPORATED, a corporation organized and existing under the laws of the State of Delaware, having a place of business at 7839 Churchill Way, MS 3999, Dallas, Texas 75251, is desirous of acquiring my entire right, title and interest in and to the said invention, and to 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 to issue all patents for said invention, or patents 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	METHOD AND APPARATUS FOR REDUCING LEAKAGE CURRENT IN AN SRAM ARRAY		
Signature of Inventor and Name	 Theodore W. Houston	Sudhir K. Madan	
Date	12/28/01		
Residence (City, State & County)	1522 N. Chyenne Drive Richardson, Texas 75080 Dallas County	610 Saint George Richardson, Texas 75081 Dallas County	
Date Application Executed	12/28/01		

After recording, return Assignment to:  
Jacqueline J. Garner, Esq.  
Texas Instruments Incorporated  
P. O. Box 655474, M/S 3999  
Dallas, Texas 75265

DAL01:647861.1

\*\* TOTAL PAGE 003 \*\*

**PATENT**  
**REEL: 012464 FRAME: 0601**

**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, having a place of business at 7839 Churchill Way, MS 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 to issue all patents for said invention, or patents 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	METHOD AND APPARATUS FOR REDUCING LEAKAGE CURRENT IN AN SRAM ARRAY		
Signature of Inventor and Name	<u>Theodore W. Houston</u>	<u>Sudhir K. Madan</u> Sudhir K. Madan	
Date		12-28-01	
Residence (City, State & County)	1522 N. Cheyenne Drive Richardson, Texas 75080 Dallas County	610 Saint George Richardson, Texas 75081 Dallas County	
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Dallas, Texas 75265

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\*\* TOTAL PAGE 01 \*\*

RECORDED: 12/31/2001

PATENT  
REEL: 012464 FRAME: 0602