

11-07-2002

FORM PTO 1595  
1-31-92U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office

102275354

Attached original documents or copy thereof.

To the Honorable Commissioner c

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

Clive D. Bittlestone  
120 Danbury Ct.  
Allen, Collin County, Texas 75002

Individual Citizenship: British

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

☒ Yes ☐ No

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

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

## 3. Nature of conveyance:

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

Execution Date: 09/05/2002

## 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 : 09/05/2002

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: Robert D. Marshall, Jr.  
**Customer Number 23494**  
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)

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.*

Charles S. Fish

Name of Person Signing

Signature

October 30, 2002  
Date

Total number of pages including cover sheet

5

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

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Mail documents to be recorded with required cover sheet information:

11/06/2002 DBYRNE 00000044 200668 10284534  
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Box Assignments  
Washington, D.C. 20231

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DAL01:692567.1

DAL01:692567.1

PATENT  
REEL: 013454 FRAME: 0585

FORM PTO-1595  
ATTACHMENT

1. **Name and Address of Conveying Party(ies) - Continued – ALL INDIVIDUALS**

TEXAS INSTRUMENTS INDIA LIMITED  
Golf View Home  
Wind Tunnel Road  
Post Box No. 1708  
Murgeshpalya, Bangalore 560017 INDIA  
Date Assignment executed: October 25, 2002

Vipul K. Singhal  
N L Reddy Building, #36  
Chalaghatta, Yemlue Post  
Bangalore Karnataka 560037 INDIA  
Individual Citizenship: India  
Date Assignment executed: October 25, 2002

**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	SYSTEM AND METHOD FOR REDUCING A LEAKAGE CURRENT ASSOCIATED WITH AN INTEGRATED CIRCUIT		
Signature & Name of Inventor	 Clive D. Bittlestone		
Date	9/5/02		
Residence (City, County & State)	120 Danbury Ct. Allen, Collin County, Texas 75002		
Date Application Executed	9/5/02		

After recording, return Assignment to:  
Robert D. Marshall, Jr., Esq.  
Texas Instruments Incorporated  
P. O. Box 655474, M/S 3999  
Dallas, Texas 75265

DAL01:692542.1

**ASSIGNMENT**

WHEREAS, the below named inventor(s) (hereinafter INVENTOR) is the inventor or an inventor of an invention for which a U.S. patent application is being filed as set forth below, and made the said invention in the course of employment by TEXAS INSTRUMENTS INDIA LIMITED, a company organized of according to the laws of India, having an office at Golf View Home, Wind Tunnel Road, Post Box No. 1708, Murgeshpalya, Bangalore 560 017, India, hereinafter (TIIN);

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, Mail Station 3999, Dallas, Texas 75251, USA, is desirous of acquiring our entire right, title interest in and to the said invention outside of India, and in 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, by this Assignment, TIIN and INVENTOR sell and assign to the said TEXAS INSTRUMENTS INCORPORATED, its successors and assigns, the entire right, title and interest in and to the said invention in the U.S.A. and in all other countries outside India; in and to the U.S. patent application as identified below and all patents which may be granted therefor, and all divisions, reissues, substitutions, continuations, and extensions thereof; and to file applications and obtain patents in its own name in any said other country or group of countries, and to claim priority under the terms of the International Convention for the Protection of Industrial Property or any other relevant convention;

TIIN and INVENTOR hereby authorize and request the Commissioner of Patents to issue all U.S. patents for said invention, or patents resulting therefrom, insofar as our interest is concerned to the said TEXAS INSTRUMENTS INCORPORATED, as assignee of the entire right, title and interest.

TIIN and INVENTOR further agree to communicate to TEXAS INSTRUMENTS INCORPORATED or to its successors, assigns and legal representatives, any facts known to them respecting the said invention, and at the expense of TEXAS INSTRUMENTS INCORPORATED, sign any and all patent applications, assignments, affidavits and other lawful papers, execute all applications, make all lawful oaths, testify in any legal or quasi-legal proceedings and generally everything possible to said TEXAS INSTRUMENTS INCORPORATED, its successors, assigns and nominees to obtain and enforce proper patent protection for said invention in all countries outside India.

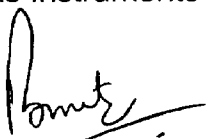
Title of Invention: SYSTEM AND METHOD FOR REDUCING A LEAKAGE  
CURRENT ASSOCIATED WITH AN INTEGRATED CIRCUIT

Inventor(s): Vipul K. Singhal

IN WITNESS WHEREOF, this Agreement has been executed as set forth below:

Signed at: Bangalore, India on Oct 25, 2002

By: Texas Instruments India Limited



Name: Dr. Biswadip Mitra

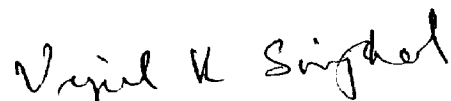
Title: Managing Director, Texas Instruments India Limited

and by the INVENTOR(S):

Name: Vipul K. Singhal

Signature:

Address:



N L Reddy Building, #36  
Chalaghatta, Yemlue Post  
Bangalore Karnataka 560037 INDIA

Date:

October 25 2002