

11-06-1998



FORM PTO-1595

U.S. Department of Commerce  
Patent and Trademark Office

TI-24739

100873067

JC136 U.S. PTO  
09/18/97  
10/29/98

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

1. Name of conveying party(ies):

1) Sudhanshu Misa

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

Name: TEXAS INSTRUMENTS INCORPORATED

Address: P.O. Box 655474, MS 3999

City: Dallas

State: TX Zip: 75265

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

3. Nature of Conveyance:

Assignment  Merger

Security Agreement  Change of Name

Other \_\_\_\_\_

Execution Date: **November 11, 1997**

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

This document is being filed together with a new application.

Execution date of the application: **November 11, 1997**

Title: Use of a Si-Rich Oxide Film as a Chemical Potential Barrier for Controlled Oxidation

Docket No: TI-24739

A. Patent Application No.(s)

XX/XXX,XXX

B. Patent No.(s)

X,XXX,XXX

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: Jacqueline J. Garner

Texas Instruments Incorporated

Address: P.O. Box 655474, MS 3999

City: Dallas

State: TX Zip: 75265

6. Number of applications and patents involved: \_\_\_(1)\_\_\_

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

1 x \$40 = \$40

8. Deposit Account No: 20-0668

11/06/1998 DNGUYEN 00000099 200668 09182371

01 FC:581 40.00 CH

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.*

October 29, 1998

Date

  
Jacqueline J. Garner, Reg. No. 36,144

PATENT  
REEL: 9557 FRAME: 0770

**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

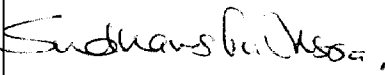
WHEREAS, TEXAS INSTRUMENTS INCORPORATED, a corporation organized and existing under the laws of the State of Delaware, with its principal office at P.O. Box 655474, MS 219, Dallas, Texas 75265, is desirous of acquiring my entire right, title and interest in and to the said invention, and to the said 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 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	<b>Use of a Si-Rich Oxide Film as a Chemical Potential Barrier for Controlled Oxidation</b>		
SIGNATURE OF INVENTOR AND NAME	 Sudhanshu Misra		
DATE	11-11-97		
RESIDENCE (City, County, State)	The Woodlands, Montgomery County, Texas		
DATE APPLICATION EXECUTED			

After recording return Assignment to: Texas Instruments Incorporated  
P.O. Box 655474, MS 219  
Dallas, Texas 75265