

12-31-1998



FORM PTO-1595

TI-23709

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SHEET

U.S. Department of Commerce
Patent and Trademark Office

12/18/98

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

1 Name of conveying party(ies):

- 1) Amitava Chatterjee
- 2) Richard A. Chapman
- 3) Syed Suhail Murtaza

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 ___

J5540 U.S. PTO
09/216216

12/18/98

3 Nature of Conveyance:

- X Assignment ___ Merger
- Security Agreement ___ Change of Name
- Other _____

Execution Date: January 16, 1998 and January 13, 1998

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

X This document is being filed together with a new application.

Execution date of the application: January 16, 1998 and January 13, 1998

Title: Disposable Gate/Replacement Gate Mosfets for Sub-0.1 Micron Gate Length and Ultra-Shallow Junctions

Docket No: TI-23709

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

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.

December 18, 1998

Date

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

PATENT
REEL: 9664 FRAME: 0953

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


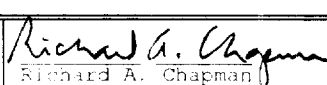
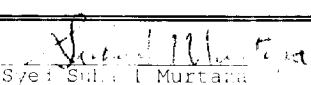
WHEREAS, **TEXAS INSTRUMENTS INCORPORATED**, a corporation organized and existing under the laws of the state of Delaware, with its principal office at 13500 North Central Expressway, Dallas, Texas 75265, is desirous of acquiring my entire right, title and interest in and to the said invention, and to 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 my hand and seal this day and year:

TITLE OF INVENTION	DISPOSABLE GATE/REPLACEMENT GATE MOSFETS FOR SUB-0.1 MICRON GATE LENGTH AND ULTRA-SHALLOW JUNCTIONS		
SIGNATURE OF INVENTOR and NAME	 Amitava Chatterjee	 Richard A. Chapman	 Syed Sultana Murtaza
DATE	1/16/98	1/13/98	1/13/98
RESIDENCE (City, County, State)	3545 Santana Lane Plano, Collin County, Texas 75023	7240 Briarcliff Dr. Dallas, Dallas County, Texas 75240	9941 Walnut St., #218 Dallas, Dallas County, Texas 75243
DATE APPLICATION EXECUTED			

After recording, return Assignment to:

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