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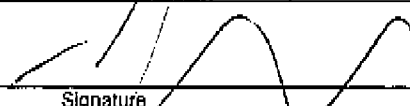
RECORDATION FORM COVER SHEET PATENTS ONLY

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

1. Name of conveying party(ies): Sameer Prakash Pendharkar; Binghua Hu Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	2. Name and address of receiving party(ies) Name: <u>Texas Instruments Incorporated</u> Internal Address: <u>7839 Churchill Way</u> Street Address: <u>M/S 3999</u> City: <u>Dallas</u> State: <u>TX</u> Country: <u>US</u> Zip: <u>75251</u> Additional name(s) & address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
3. Nature of conveyance/Execution Date(s): <u>10/31/2008</u> <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Change of Name <input type="checkbox"/> Security Agreement <input type="checkbox"/> Joint Research Agreement <input type="checkbox"/> Government Interest Assignment <input type="checkbox"/> Executive Order 9424, Confirmatory License <input type="checkbox"/> Other _____	

4. Application or patent number(s): A. Patent Application No.(s) <u>12/268,416</u> Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> This document is being filed together with a new application. B. Patent No.(s) <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
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5. Name and address to whom correspondence concerning document should be mailed: Name: <u>Wade J. Brady III</u> Internal Address: <u>Customer No. 23494</u> Street Address: <u>Texas Instruments Incorporated</u> <u>7839 Churchill Way, MS 3999</u> City: <u>Dallas</u> State: <u>TX</u> Zip: <u>75251</u> Phone Number: <u>972-917-4371</u> Fax Number: <u>(972) 917-4418</u> Email Address: <u>cnicholson@darbylaw.com</u>	6. Total number of applications and patents involved: 1 7. Total fee (37 CFR 1.21(h) & 3.41) \$ <u>40.00</u> <input type="checkbox"/> Authorized to be charged by credit card <input checked="" type="checkbox"/> Authorized to be charged to deposit account <input type="checkbox"/> Enclosed <input type="checkbox"/> None required (government interest not affecting title) 8. Payment Information a. Credit Card Last 4 Numbers _____ Expiration Date _____ b. Deposit Account Number <u>20-0668</u> Authorized User Name <u>Texas Instruments</u>
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9. Signature:  _____ Signature <u>Neil R. Jetter, Reg. No. 46,803</u> Name of Person Signing	<u>11/18/08</u> _____ Date Total number of pages including cover sheet, attachments, and documents: 3
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CH \$40.00 200668 12266416

Attorney Docket No.
TI-61280

Serial No. 12/268,416

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, M/S 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 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;

TI-61280

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TITLE OF INVENTION	METHODS OF MANUFACTURING TRENCH ISOLATION DRAIN EXTENDED MOS (DEMOS) TRANSISTORS AND INTEGRATED CIRCUITS THEREFROM
SIGNATURE OF INVENTOR AND NAME	 Sameer Prakash Pendharkar
RESIDENCE (CITY AND STATE)	2032 Burnside Drive, Allen, Texas 75013
DATE DECLARATION SIGNED	10/31/08
TITLE OF INVENTION	METHODS OF MANUFACTURING TRENCH ISOLATION DRAIN EXTENDED MOS (DEMOS) TRANSISTORS AND INTEGRATED CIRCUITS THEREFROM
SIGNATURE OF INVENTOR AND NAME	 Binghua NA, Hu
RESIDENCE (CITY AND STATE)	4313 Staten Island Drive, Plano, Texas 75024
DATE DECLARATION SIGNED	10/31/08

After recording, return Assignment to:

Texas Instruments Incorporated
 P0 Box 655474, M/S 3999
 Dallas, TX 75265

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RECORDED: 11/19/2008

PATENT
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