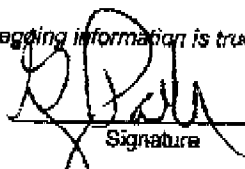


Form PTO-1595 (Rev. 10/02) OMB No. 0651-0027 (exp. 6/30/2005) TI 34901		RECORDATION FORM COVER SHEET PATENTS ONLY		U.S. DEPARTMENT OF COMMERCE U.S. Patent and Trademark Office	
To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.					
1. Name of conveying party(ies): 1 Brian Kirkpatrick 2 Mercer Brugler 3 Eddie Breashears 4 Jon Holt Additional name(s) of conveying party(ies) attached? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		2. Name and address of receiving party(ies) Name: <u>Texas Instruments Incorporated</u> Street Address: <u>P.O. Box 655474, MS 3999</u> City: <u>Dallas</u> State: <u>Texas</u> Zip: <u>75265</u> Name: _____ State Address: _____ City: _____ State: _____ Zip: _____ Additional name(s) & address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
3. Nature of conveyance: <input type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name Corrected Assignment to correct <input checked="" type="checkbox"/> Other Execution Date		Execution Date(s): 1 <u>08/08/2003</u> 2 <u>08/08/2003</u> 3 <u>08/08/2003</u> 4 <u>08/08/2003</u>			
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: <u>08/08/2003</u> A. Patent Application No.(s) <u>10/637,288</u> B. Patent No.(s) _____ Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No					
5. Name and address of party to whom correspondence concerning document should be mailed: Name: <u>Jacki Garner, Reg. No. 36,144</u> Company: <u>Texas Instruments Incorporated</u> Address: <u>P.O. Box 655474; MS 3999</u> City: <u>Dallas</u> State: <u>Texas</u> Zip Code: <u>75265</u>		6. Total number of applications and patents involved: <u>1</u> 7. Total fee (37 CFR 3.41).....\$ <u>40.00</u> <input type="checkbox"/> Enclosed <input checked="" type="checkbox"/> Authorized to be charged to deposit account 8. Deposit account number: <u>08-2395</u> (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. <u>Greg H. Parker</u> Name of Person Signing  Signature <u>5-6-04</u> Date Total number of pages including cover sheet, attachments, and documents: <u>6</u>					

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1. Name of conveying party(ies): 5 Corbet Zabierak 6 Rajesh Khamankar 7 8 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: _____ Street Address: _____ City: _____ State: _____ Zip: _____ Name: _____ State Address: _____ City: _____ State: _____ Zip: _____ Additional name(s) & address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
3. Execution Date(s): 5 08/09/2003 6 08/09/2003 7 8					
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: _____ A. Patent Application No.(s) _____ B. Patent No.(s) _____ Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No					
5. Name and address of party to whom correspondence concerning document should be mailed: Name: _____ Internal Address: _____ _____ _____ Street Address: _____ _____ City: _____ State: _____ Zip: _____			6. Total number of applications and patents involved: <input type="checkbox"/> 7. Total fee (37 CFR 3.41) \$ _____ <input type="checkbox"/> Enclosed <input type="checkbox"/> Authorized to be charged to deposit account 8. Deposit account number: _____ (Attach duplicate copy of this page if paying by deposit account)		

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102651847

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U.S. Patent and Trademark Office

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1. Name of conveying party(ies): **8.8.03**
1 Brian Kirkpatrick
2 Mercer Brugler
3 Eddie Breashears
4 Jon Holt

Additional name(s) of conveying party(ies) attached? ☒ Yes ☐ No

3. Nature of conveyance:

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

Execution Date(s): 1 08/09/2003 2 08/09/2003
3 08/09/2003 4 08/09/2003

2. Name and address of receiving party(ies)

Name: Texas Instruments Incorporated

Street Address: P.O. Box 655474, MS 3999

City: Dallas State: Texas Zip: 75265

Name: _____

State Address: _____

City: _____ State: _____ Zip: _____

Additional name(s) & address(es) attached? ☐ Yes ☒ No

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: 08/09/2003

A. Patent Application No.(s) N/A

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

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

Name: Jacki Garner, Reg. No. 36,144

Company: Texas Instruments Incorporated

Address: P.O. Box 655474, MS 3999

City: Dallas

State: Texas

Zip Code: 75265

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41).....\$ 40.00

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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.

Greg H. Parker

Name of Person Signing

[Signature]
Signature

08/08/2003

Date

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ATTORNEY DOCKET NO.

TI-34901

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, P.O. Box 655474, MS 3999, 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.

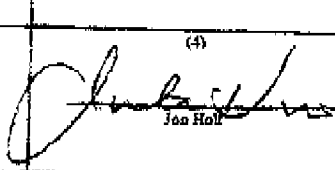
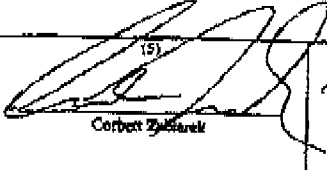
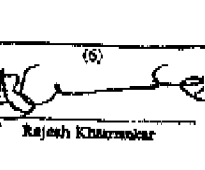
I hereby further agree that I will communicate to said TEXAS INSTRUMENTS INCORPORATED, or to its successors, assigns, and legal representatives, any facts known to me respecting said invention, and at the expense of said assignee company, testify in any legal proceedings, sign all lawful papers, execute 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 my hand and seal this day and year;

TITLE OF INVENTION	A METHOD FOR IMPROVING A PHYSICAL PROPERTY DEFECT VALUE OF A GATE DIELECTRIC		
SIGNATURE OF INVENTOR AND NAME	(1) <i>Brian K. Kirkpatrick</i> Brian K. Kirkpatrick	(2) <i>Mercur Brögler</i> Mercur Brögler	(3) <i>Eddie H. Breashear</i> Eddie Breashears
DATE	AUGUST 8, 2003	AUGUST 8, 2003	AUGUST 8, 2003
RESIDENCE (City, State)	1007 Biscayne Ct Allen, Texas 75013	1708 Lockspur Court Flower Mound, Texas 75022	1350 Rockridge Rd. Lucas, Texas 75002
DATE APPLICATION EXECUTED	AUGUST 8, 2003	AUGUST 8, 2003	AUGUST 8, 2003

After recordation, please return Assignment to:

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

TITLE OF INVENTION	A METHOD FOR IMPROVING A PHYSICAL PROPERTY DEFECT VALUE OF A GATE DIELECTRIC		
SIGNATURE OF INVENTOR AND NAME	(4)  Jon Hall	(5)  Corbett Zylarek	(6)  Rajesh Khanna
DATE	8/8/03	8/8/03	August 8, 2003
RESIDENCE (City, State)	3200 Uxbridge Lane Plano, Texas 75025	9000 Vantage Point, #911 Dallas, Texas 75243	715 Beal Lane Coppell, Texas 75019
DATE APPLICATION EXECUTED	8/8/03	8/8/03	August 8, 2003

TOTAL P.06