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|  | Form PTO-1595 RI  | ECORDATION FORM                  | COVER SHEET                             | U.S. DEPARTMENT OF COMMERCE             |  |
|--|---|----------------------------------|---|---|--|
| 1. Name of conveying party( ies):  1. Prian Kirkpetrick 2. Wercer Brugler 3. Eddie Breashears 4. Jon Holt Additional same(s) of conveying party( ies) ethohod? The Vee No. 3. Nature of conveyance:  1. Assignment 1. Change of Name 1. Security Agreement 1. Change of Name 1. Security Agreement 1. Change of Name 1. Change of Name 1. State Address: 1. State  | OMB No. 0651-0027 (exp. 6/30/2005)  |                                  |   | U.S. Palent and Trademark Office        |  |
| 1. Name of conveying party( ies):  1. Prian Kirkpetrick 2. Wercer Brugler 3. Eddie Breashears 4. Jon Holt Additional same(s) of conveying party( ies) ethohod? The Vee No. 3. Nature of conveyance:  1. Assignment 1. Change of Name 1. Security Agreement 1. Change of Name 1. Security Agreement 1. Change of Name 1. Change of Name 1. State Address: 1. State  | To the Honorable Commissioner of P  | atente and Trademarks: Pl        | sees record the attached or             | iginal documents or copy thereof.       |  |
| Address: P.O. Box 555474, MS 3999  3. Rather preaches and signature.  City Dallas  State Address: P.O. Box 555474, MS 3999  City Dallas  State Address: P.O. Box 555474, MS 3999  City Dallas  State Address: P.O. Box 555474, MS 3999  City Dallas  State Address: P.O. Box 555474, MS 3999  City Dallas  State Address: P.O. Box 555474, MS 3999  City Dallas  State Address: P.O. Box 555474, MS 3999  State Address: P.O. Box 555474, MS 3999  City Dallas  State Address: P.O. Box 555474, MS 3999  City Dallas  State Address: P.O. Box 555474, MS 3999  City Dallas  State Address: P.O. Box 555474, MS 3999  City Dallas  State Address: P.O. Box 555474, MS 3999  City Dallas  State Address: P.O. Box 555474, MS 3999  City Dallas  State Address: P.O. Box 555474, MS 3999  City Dallas  State Address: P.O. Box 555474, MS 3999  City Dallas  State: Texas  City Dallas  State Texas  City Dallas  State: | <ol> <li>Name of conveying party( ies):</li> <li>Brian Kirkpatrick</li> </ol>           |                                  | 2. Name and address                     | s of receiving party( ies)              |  |
| 3. Nature of conveyance.  Assignment Converted Assignment to correct Other Execution Date(s): 2 (08/08/2003) 2 (08/08/2003) 3 (08/08/2003) 4 (08/08/2003) 4 (08/08/2003) 4 (08/08/2003) 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: 08/08/2003 A. Patent Application No.(s) 10/637,288 B. Patent No.(s)  Additional numbers stacked?  Additional numbers of applications and patents involved:  5. Name and address of party to when correspondence concerning document should be matted: Name: Jacki Gatmer, Reg. No. 36, 144 Company: Texas Instruments Incorporated Address: P.O. Box 655474; MS 3999  City: Dallas State: Texas Zip Code: 75265  Do Not use this space  State Address:  Name: State Address:  Name: State Address:  Tip:  Zip Code: 75265  Do Not use this space  Name: State Address:  Name: State Address:  Name: State Address:  Zip Code: 75265  Name and address of party to whom correspondence  Company: Texas Instruments Incorporated  Address: P.O. Box 655474; MS 3999  Authorized to be charged to deposit account  Authorized to be charged to deposit account  Do Not use this space  Do Not use this space  Do Not use this space  Fig. 9. Statement and signature.  To the best of my knowindige and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.  Greg H. Parker   | 3 Eddie Breashears<br>4 Jon Holt  |                                  |   |   |  |
| Assignment   |   | ochod? 🔼 Yes 🖳 No                | City Dalles                             | Stelle: Texas zip: 75265                |  |
| Corrected Assignment to correct OtherRecurtion Date  Execution Date(s): 2 08/08/2003 2 08/08/2003  3 08/08/2003 4 08/08/2003  4 08/08/2003 4 08/08/2003  4 08/08/2003 4 08/08/2003  4 08/08/2003 Additional name(s) & address( as) attached? If Yes If 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: 08/08/2003  A Patent Application No.(s) 10/637,288  B. Patent No.(s)  Additional numbers stacked? If Yes If No.  Additional numbers stacked? If Yes If No.  Additional numbers stacked? If Yes If No.  Additional numbers of applications and patents involved: If Name: Jack1 Garner, Reg. No. 36,144  Company: Texas Instruments Incorporated Address: P.O. Box 655474; MS 3999  City: Dallas  State: Texas  Zip Code: 75265  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.  Greg H. Patker  |   | Merger                           | Ata                                     |   |  |
| Additional number(s) or patent number(s):  If this document is being filed together with a new application, the execution date of the application is: 08/08/2003  A. Patent Application No.(s) 10/637,288  B. Patent No.(s)  Additional numbers stacked?  Additional numbers of application is: 08/08/2003  Additional number of applications and patents involved:  Total number of applications and patents involved:  Enclosed  Authorized to be charged to deposit account number:  Authorized to be charged to deposit account number:  8. Deposit account number:  8. Deposit account number:  Additional number of applications and patents involved:  Additional number of applications and patents involved: | Corrected Assignment  | Change of Name<br>and to correct |   |   |  |
| 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: 08/08/2003  A. Patent Application No.(s) 10/637,288  B. Patent No.(s)  Additional numbers stached? The application is: 08/08/2003  A. Patent Application No.(s) 10/637,288  B. Patent No.(s)  5. Name and address of party to whom correspondence concerning document should be mailed:  Name: Jacki Garner, Reg. Mo. 36, 144  Company: Texas Instruments Incorporated Address: P.O. Box 655474; MS 3999  City: Dallas  State: Texas  Zip Code: 75265  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.  Greg H. Parker  |   |                                  | City:                                   | Zip:                                    |  |
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| A. Palent Application No.(s) 10/637,288  Additional numbers attached? Wes Die  5. Name and address of party to whom correspondence correctning 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  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.  Greg H. Parker  Address: Page 10/637,288  B. Pattent No.(s)  5. Total number of applications and patents involved: I  Address: Qres (37 CFR 3,41)   | <ol><li>Application number(s) or patent num</li></ol>                                   | nber(s):                         | • |   |  |
| Actitional numbers attached?   | If this document is being filed togeth  | ier with a new applicati         | on, the execution date                  | of the application is: 08/08/2003       |  |
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| Company: Texas Instruments Incorporated  Address: P.O. Box 655474; MS 3999  City: Dallas  State: Texas  Zip Code: 75265  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.  Greg H. Parker  7. Total fee (37 CFR 3.41)\$40.00  Enclosed  Authorized to be charged to deposit account  8. Deposit account number:  (Attach duplicate copy of this page if paying by deposit account)  DO NOT USE THIS SPACE  9. Statement and signature.  Greg H. Parker  5-6-04   |   |                                  | hed? Wes Who                            |   |  |
| Company: Texas Instruments Incorporated  Address: P.O. Box 655474; MS 3999  City: Dallas  State: Texas  Zip Code: 75265  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.  Greg H. Parker  |   |                                  | 5. Total number of app                  | fications and patents involved:         |  |
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| State: Texas  Zip Code: 75265  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.  Greg H. Parker  8. Deposit eccount number:  08-2395  (Attach duplicate copy of this page if paying by deposit account)  5-6-04  | Address: P.O. Box 655474;   | MS 3999                          | Authorfzed to b                         | e charged to deposit account            |  |
| Zip Code: 75265  (Attach duplicate copy of this page if paying by deposit account)  DO NOT USE THIS SPACE  9. Statement and signature.  Yo 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  5-6-04   |   |                                  | 8. Deposit account nu                   | mber:                                   |  |
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| 6 Rajesh Khamankar<br>-  | Name:   |  |  |  |  |
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Washington, D.C. 20231

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Greg H. Parker Name of Person Signing

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ATTORNEY DOCKET NO. 77-3490)

## 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<br>OF<br>INVENTION                            | A METHOD FOR IMPROVING A PHYSICAL PROPERTY DEFECT VALUE OF A GATE DIELECTRIC |   |  |  |
|---|--|---|--|--|
| SIGNATURE<br>OF<br>INVENTOR<br>AND NAME             | Brian K. Kirkpatrick   | melle Melle 2 Blugh                           | Eddie H. Bre                             |  |
| DATE  | AUGUST 8, 2003   | AUGUST 8, 2003                                | August 8,200                             |  |
| RESIDENCE<br>(City, State)                          | 1007 Biscayne Ct.<br>Allen, Texas 75013                                      | 1708 Lockspur Court Flower Mound, Texas 75022 | 1350 Rockridge Rd.<br>Lucas, Texas 75002 |  |
| DATE APPLICATION EXECUTED cordation, please returns | AUGUST 8, 2003   | AUGUST 8, 2003                                | August 8, 2003                           |  |

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

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| TITLE<br>OF<br>INVENTION                | A METHOD FOR IMPROVING A PHYSICAL PROPERTY DEFECT VALUE OF A GATE DIBLECTRIC |   |                                       |  |
|---|--|---|---------------------------------------|--|
| SIGNATURE<br>OF<br>INVENTOR<br>AND NAME | Joa Holl   | Corben Zulfarek                                 | Rajesh Khaurunkar                     |  |
| DATE                                    | 8/8/03   | 8/8/03  | August 8, 2003                        |  |
| RESIDENCE<br>(City, State)              | 3200 Uxbridge Lane<br>Plano, Texas 75025                                     | 9000 Vantage Point, #911<br>Dallas, Texas 75243 | 715 Beni Lane<br>Coppell, Texas 75019 |  |
| DATE APPLICATION EXECUTED               | 8/8/03   | 8/8/03  | August 8,2003                         |  |

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