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FORM PTO-1595

(Rev. 6-93)

OMB No. 0651-0011 (exp. 4/94)

Docket No. STFD.037PA (S01-249CIP)

U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office

102491210

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

## 1. Name of conveying party(ies):

Chi On CHUI  
Krishna C. SARASWAT  
Baylor B. TRIPLETT  
Paul McINTYRE

7.3.03

## 2. Name and address of receiving party(ies):

The Board of Trustees of the Leland Stanford Junior University  
1705 El Camino Real  
Palo Alto, California 94306-1106Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ NoAdditional name(s) & address(es) attached? ☐ Yes ☒ No

## 3. Nature of conveyance:

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

Execution Dates: May 22, 2003; May 22, 2003; May 22, 2003;  
May 22, 2003;

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

## A. Patent Application No.(s)

10/404,876 filed on March 31, 2003

## B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

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

Name: Robert J. Crawford  
Address: CRAWFORD MAUNU PLLC  
1270 Northland Drive  
Suite 390  
St. Paul, MN 55120

## 6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41): \$40

☒ Please charge our Deposit Account Number 50-0996 (STFD.037PA) the recordation fee of \$40.00 as identified above.

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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.

Robert J. Crawford

Name of Person Signing

Signature

6/30/03

Date

Total number of pages including cover sheet, attachments, and document: 4

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PATENT  
REEL: 014231 FRAME: 0754

## ASSIGNMENT

WHEREAS, I/We, Chi On Chui, residing at 214C 37<sup>th</sup> Avenue, San Mateo, California 94403; Krishna C. Saraswat, residing at 12356 Parker Ranch Road, Saratoga, California 95070; Baylor B. Triplett, residing at Route 2, Box 200, La Honda, California, 94020; and Paul McIntyre, residing at 620 Carlisle Way, Sunnyvale, California 94087 made certain new and useful inventions and improvements for which we herewith file an application for Letters Patent of the United States; which is entitled: **High-k Dielectric for Thermodynamically-Stable Substrate-Type Materials** (STFD.037PA).

AND WHEREAS, The Board of Trustees of the Leland Stanford Junior University, a corporation organized and existing under and by virtue of the laws of the State of California, and having an office and place of business at 1705 El Camino Real, Palo Alto, California 94306-1106 (hereinafter "Assignee") is desirous of acquiring the entire right, title and interest in and to said inventions, improvements and application and in and to the Letters Patent to be obtained therefor;


NOW THEREFORE, to all whom it may concern, be it known that for and in consideration of the sum of One Dollar and other good and valuable considerations, the receipt and sufficiency whereof is hereby acknowledged, we have sold, assigned, and transferred, and by these presents do sell, assign and transfer unto said Assignee, its successors or assigns, the entire right, title and interest for all countries in and to all inventions and improvements disclosed in the aforesaid application, and in and to the application, all divisions, continuations, or renewals thereof, all Letters Patent which may be granted therefrom, and all reissues or extensions of such patents, and in and to any and all applications which have been or shall be filed in any foreign countries for Letters Patent on the inventions and improvements, including an assignment of all rights under the provisions of the International Convention, and all Letters Patent of foreign countries which may be granted therefrom; and we do hereby authorize and request the Commissioner of Patents and Trademarks to issue any and all United States Letters Patent for the aforesaid inventions and improvements to the Assignee as the assignee of the entire right, title and interest in and to the same, for the use of the Assignee, its successors and assigns.

AND, for the consideration aforesaid, we do hereby agree that we and our executors and legal representatives will make, execute and deliver any and all other instruments in writing including any and all further application papers, affidavits, assignments and other documents, and will communicate to said Assignee, its successors and representatives all facts known to us relating to said improvements and the history thereof and will testify in all legal proceedings and generally do all things which may be necessary or desirable more effectually to secure to and vest in said Assignee, its


applications, Letters Patent, rights, titles, benefits, privileges and advantages hereby sold, assigned and conveyed, or intended so to be.

AND, furthermore we covenant and agree with said Assignee, its successors and assigns, that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by us and that full right to convey the same as herein expressed is possessed by us.

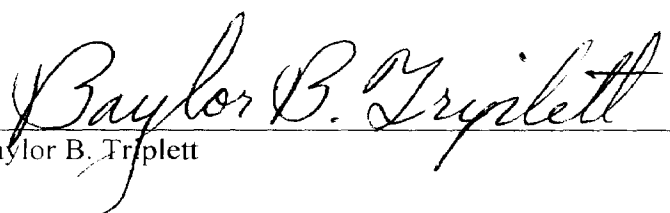
IN TESTIMONY WHEREOF, I have hereunto set my hand this 22<sup>nd</sup> day of May, 2003.

  
\_\_\_\_\_  
Chi On Chui

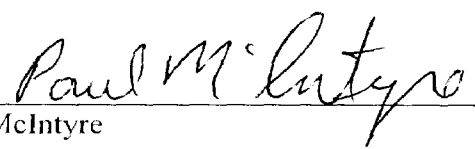
IN TESTIMONY WHEREOF, I have hereunto set my hand this 22<sup>nd</sup> day of May, 2003.

  
\_\_\_\_\_  
Krishna C. Saraswat

IN TESTIMONY WHEREOF, I have hereunto set my hand this 22<sup>nd</sup> day of May, 2003.

  
\_\_\_\_\_  
Baylor B. Triplett

IN TESTIMONY WHEREOF, I have hereunto set my hand this 22<sup>nd</sup> day of May, 2003.

  
\_\_\_\_\_  
Paul McIntyre