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| Mark L Doczy John P. Barnak Robert S. Chau Additional nameles) of conveying partyles) attached? Tyes ☑ No 3. Nature of conveyance: ☑ Assignment ☐ Other ☐ Other ☐ Other ☐ Other ☐ Additional number(s): If this document is being filed together with a new application, the execution date of the application is: ☐ Additional number stached? Tyes ☑ No 5. Name and address of party to whom correspondence concerning document should be mailed: ☐ Name: ☐ Mark V. Seeley Internal Address: ☐ P.O. Box 5326 ☐ Do Not Use This SPACE 9. Signature. Name: Mark V. Seeley Name of Person Signing ☐ Name Additional number: ☐ Name Address Seeley ☐ Authorized to be charged to deposit account ☐ Mark V. Seeley ☐ No Not Use This SPACE ☐ Mark V. Seeley ☐ Mark V. Seeley ☐ Mark V. Seeley ☐ Mark V. Seeley ☐ No Not Use This SPACE ☐ Mark V. Seeley ☐ Date | Name of conveying party(ies): | 2. Name and add | ress of receiving party(ies) | |
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| Additional name(s) of conveying party(es) attached? Yes \ No 3. Nature of conveyance: Assignment | John P. Barnak | | ss: | |
| Street Address: 2200 Mission College Blvd. Security Agreement | | ed? Yes V No | | |
| Street Address: 2200 Mission College Blvd. Street Address: 2200 Mission College Blvd. Street Address: 2200 Mission College Blvd. City: Santa Clara State: CA Zip: 95052 Additional name(s) & address(es) attached? Yes ✓ No Additional name(s) & address(es) attached? Yes ✓ No A. Patent Application No.(s) B. Patent No.(s) Additional numbers attached? Yes ✓ No 5. Name and address of party to whom correspondence concerning document should be mailed: Name: Mark V. Seeley Internal Address: SC4-202 Internal Address: P.O. Box 5326 Street Address: P.O. Box 5326 DO NOT USE THIS SPACE 9. Signature. Mark V. Seeley Name of Person Signing March 18, 2003 Signature March 18, 2003 Signature Date | 3. Nature of conveyance: | | | |
| City: Santa Clara State: CA Zip: 95052 Santa Clara State: CA Zip: 95052 Additional name(s) & address(es) attached? Yes No | | Street Address | | |
| Execution Date: 3/11/03 Execution Date: 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: March 3, 2003 A. Patent Application No.(s) B. Patent No.(s) Additional numbers attached? Yes Vo 5. Name and address of party to whom correspondence concerning document should be mailed: Name: Mark V. Seeley Internal Address: SC4-202 Internal Address: P.O. Box 5326 Street Address: P.O. Box 5326 DO NOT USE THIS SPACE 9. Signature. Notic ty: Santa Clara State: CA Zip: 95056-5326 DO NOT USE THIS SPACE 9. Signature. Name of Person Signing March 18, 2003 March 18, 2003 Date | | | | |
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| 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? Yes No 6. Total number of applications and patents involved: Name: Mark V. Seeley Internal Address: Sc4-202 Internal Address: Street Address: P.O. Box 5326 DO NOT USE THIS SPACE 9. Signature. Name of Person Signing March 3, 2003 B. Patent No.(s) 6. Total number of applications and patents involved: 7. Total fee (37 CFR 3.41) | Execution Date: | Additional name(s) | Additional name(s) & address(es) attached? Yes V No | |
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| 9. Signature. N11 00000120 500221 10391816 40.00 CH Mark V. Seeley Name of Person Signing March 18, 2003 Date | City: Santa Clara State: CA Zip: 95 | 5056-5326 | | |
| Mark V. Seeley Mark V. Seeley March 18, 2003 Name of Person Signing Signature Date | | DO NOT USE THIS SPACE | | |
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ASSIGNMENT

PATENT

No.: <u>P16015</u> (For Execution Prior to Filing Patent Application)

In consideration of good and valuable consideration, the receipt of which is hereby acknowledged, we the undersigned, Justin K. Brask, Mark L. Doczy, John P. Barnak, and Robert S. Chau, hereby sell, assign, and transfer to Intel Corporation a corporation of Delaware, having a principal place of business at 2200 Mission College Boulevard, Santa Clara, California 95052, ("Assignee"), and its successors, assigns, and legal representatives, the entire right, title, and interest for the United States and all foreign countries, in and to any and all improvements that are disclosed in the application for the United States patent that has been executed by the undersigned prior hereto or concurrently herewith on the dates indicated below and is entitled "A METHOD FOR MAKING A SEMICONDUCTOR DEVICE HAVING A HIGH-K GATE DIELECTRIC" and in and to said application and all divisional, continuing substitute, renewal, reissue, and all other patent applications that have been or shall be filed in the United States and all foreign countries on any of said improvements, and in and to all original and reissued patents that have been or shall be issued in the United States and all foreign countries on said improvements; and in and to all rights of priority resulting from the filing of said United States application; agree that said Assignee may apply for and receive a patent or patents for said improvements in its own name; and that, when requested, without charge to, but at the expense of, said Assignee, it successors, assigns, and legal representatives, to carry out in good faith the intent and purpose of this Assignment, the undersigned will execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all said improvements' execute all rightful oaths, assignments, powers of attorney, and other papers; communicate to said Assignee, its successors, assigns, and representatives all facts known to the undersigned relating to said improvements and the history thereof; and generally do everything possible that said Assignee, its successors, assigns, or representatives shall consider desirable for aiding in securing and maintaining proper patent protection for said improvements and for vesting title to said improvements, and all applications for patents and all patents on said improvements, in said Assignee, its successors, assigns, and legal representatives' and covenant with said Assignee, its successors, assigns, and legal representatives that no assignment, grant, mortgage, license, or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

> PATENT REEL: 013896 FRAME: 0784

Each Inventor: Please Sign and Date Below:

RECORDED: 03/18/2003

Each Inventor: Please also list the date that you signed the accompanying DECLARATION AND POWER OF ATTORNEY:

| 03/11 Date | , 2003 | Name: | 03/11 Date | , 2003 |
|----------------|---------|-----------------------|----------------|--------|
| C3 11 Date | , 2003 | Name: | 03/11 Date | , 2003 |
| 03/11/ Date | , 2003 | John P. Bank Name: | 3/// Date | , 2003 |
| 03/11 Date | _, 2003 | Name: | 0 3/11 Date | , 2003 |

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