

06-20-2005



ET

6/13/05

103023066

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)
 Matthew V. Metz, Suman Datta, Mark L. Doczy, Justin K. Brask,
 Jack Kavalieros, Robert S. Chau

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

2. Name and address of receiving party(ies)
 Name: Intel Corporation
 Internal Address: _____
 Street Address: 2200 Mission College Blvd.
 City: Santa Clara
 State: California
 Country: USA Zip: 95052

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

3. Nature of conveyance/Execution Date(s):
 Execution Date(s) 06/01/2005 and 06/02/2005

Assignment Merger
 Security Agreement Change of Name
 Joint Research Agreement
 Government Interest Assignment
 Executive Order 9424, Confirmatory License
 Other _____

4. Application or patent number(s): This document is being filed together with a new application.

A. Patent Application No.(s) _____
 B. Patent No.(s) _____

Additional numbers attached? Yes No

5. Name and address to whom correspondence concerning document should be mailed:
 Name: Michael D. Plimier
 Internal Address: SC4-202
 Street Address: P.O. Box 5326
 City: Santa Clara
 State: California Zip: 95056
 Phone Number: 408-765-7857
 Fax Number: 408-765-7723
 Email Address: michael.d.plimier@intel.com

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00

Authorized to be charged by credit card
 Authorized to be charged to deposit account
 Enclosed
 None required (government interest not affecting title)

8. Payment Information

a. Credit Card Last 4 Numbers _____
 Expiration Date _____

b. Deposit Account Number 50-0221

Authorized User Name Michael D. Plimier

9. Signature: Michael D. Plimier Signature Date June 13, 2005

Michael D. Plimier
 Name of Person Signing

Total number of pages including cover sheet, attachments, and documents: 3

Documents to be recorded (including cover sheet) should be faxed to (703) 306-5995, or mailed to:
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

06/17/2005 ECOOPER 00000239 500221 11151528

01 FC:0021

40.00 DA

112968 U.S. P.T.O.
11/15/2005
061305

Attorney's Docket

ASSIGNMENT

PATENT

No.: P21779 (For Execution Prior to Filing Patent Application)

In consideration of good and valuable consideration, the receipt of which is hereby acknowledged, we the undersigned Matthew V. Metz, Suman Datta, Mark L. Doczy, Justin K. Brask, Jack Kavalieros, 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 SEMICONDUCTOR DEVICE WITH A HIGH-K GATE DIELECTRIC AND A METAL GATE ELECTRODE" 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, its 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.

Each Inventor: Please Sign and Date Below:

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

06/02, 2005
Date

Robert Chan
Name:

06/02, 2005
Date

06/01, 2005
Date

Suman Datta
Name:

06/01, 2005
Date

06/02, 2005
Date

[Signature]
Name:

06/02, 2005
Date

06/02, 2005
Date

[Signature]
Name:

06/02, 2005
Date

6/2, 2005
Date

[Signature]
Name:

6/2, 2005
Date

6/2, 2005
Date

Jacob Hernandez
Name:

6/2, 2005
Date