09-17-2004

FORM PTO-1595 (Rev. 3/01) OMD NO. 0651-0011 exp. 5/31/2002)	I.S. DEPARTMENT OF COMMERCE Patent and Trademark Office		
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To the Honorable Commissioner of Patents and Please record the attached original documents or copy thereof.			
Name of conveying party(ies):	2. Name and address of receiving party(ies):		
Mark L. Doczy, Justin K. Brask, Jack Kavalieros,	Name: Intel Corporation ω		
Uday Shah, Matthew V. Metz, Suman Datta, Ramune	Internal Address: 2200 Mission College Boulevard		
Nagisetty, and Robert S. Chau	50		
Additional name(s) of conveying party(ies) attached?	Internal Address: 2200 Mission College Boulevard 40		
■ No □Yes			
3. Nature of Conveyance	Street Address: 2200 Mission College Boulevard		
Assignment Merger			
☐ Security Agreement ☐ Change of Name	City: Santa Clara State/Province: CA Zip: 95052		
Other:	Country: USA		
Execution Date(s): 8/18, 8/17, 8/17, 8/17, 8/17, 8/17, 8/17, 8/17 and 8/31/2004	Additional name(s) & address(es) attached? ☐Yes ■No		
Application Number(s) or patent number(s): If this document is being filed together with a new applicate.	ion, the execution date of the application is: September 8, 2004		
A. Patent Application No.(s)	B. Patent No.(s)		
Additional numbers a			
Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved: 1		
Michael A. Bernadicou			
Name: Blakely, Sokoloff, Taylor & Zafman LLP	7. Total Fee (37 CFR 3.41)\$40.00		
Internal Address:	Enclosed		
Street Address: 12400 Wilshire Boulevard, 7th Floor	Authorized to be charged to deposit account		
City: Los Angeles State: California Zip: 90025	8. Deposit Account Number:		
	02-2666		
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9. Statement and signature. To the best of my knowledge and believe, the foregoing is true document	and correct and any attached copy is a true copy of the original		
Michael A. Bernadicou, Reg No. 35,934			
Total number of pages including cover sh	eet, attachments, and document: 3		

Mail documents to be recorded with required cover sheet information to:

Commissioner of Patents, Mail Stop: Assignments
P.O. Box 1450, Alexandra, VA 22313-1450

Attorney Docket No.: <u>P19938</u>
09/16/2004 DBYRNE 00000092 10937195
01 FC:8021 40.00 DP

Attorney's Docket

ASSIGNMENT

PATENT

No.: <u>P19938</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, Mark L. Doczy, Justin K. Brask, Jack Kavalieros, Uday Shah, Matthew V. Metz, Suman Datta, Ramune Nagisetty, 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 LAYER 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, 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: 015782 FRAME: 0280

Each Inventor: Please Sign and Date Below:

RECORDED: 09/08/2004

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

8/18/04, 2004 Date	Name:	8/18/04 Date	_, 2004
08/17/04, 2004 Date	Name:	08/17/04 Date	_, 2004
$\frac{8/17/04}{\text{Date}}$, 2004	Jack Haveliers Name:	8/17/04 Date	_, 2004
8 (7 , 2004 Date	Name:	8 17 Date	_, 2004
8//746 , 2004 Date	Name:	8/17/09 Date	_, 2004
8 17, 2004 Date	Suman Xatta. Name:	0/17/04 Date	_, 2004
	Name:	8/17/04 /Date	_, 2004
$\frac{8/31/64}{\text{Date}}, 2004$	Name:	8/31/0 ¢	_, 2004

PATENT REEL: 015782 FRAME: 0281