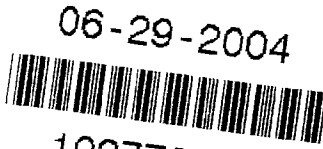


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To the Honorable Commissioner of Patents and Trademarks. Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):
Brian Doyle, Scott A. Hareland, Mark Doczy, and Robert S. Chau
 Additional name(s) of conveying party(ies) attached?
 No Yes

2. Name and address of receiving party(ies):
 Name: Intel Corporation
 Internal Address: 2200 Mission College Boulevard
 Street Address: 2200 Mission College Boulevard
 City: Santa Clara State/Province: CA Zip: 95052
 Country: USA
 Additional name(s) & address(es) attached? Yes No

3. Nature of Conveyance
 Assignment Merger
 Security Agreement Change of Name
 Other:
 Execution Date(s): 4/16, 4/17, 4/17 and 4/17/2004

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: _____
 A. Patent Application No.(s)
10/816,232
 Additional numbers attached? Yes No

B. Patent No.(s)

5. Name and address of party to whom correspondence concerning document should be mailed:
Michael A. Bernadicou
 Name: Blakely, Sokoloff, Taylor & Zafman LLP
 Internal Address: _____
 Street Address: 12400 Wilshire Boulevard, 7th Floor
 City: Los Angeles State: California Zip: 90025

6. Total number of applications and patents involved: 1
 7. Total Fee (37 CFR 3.41).....\$40.00
 Enclosed
 Authorized to be charged to deposit account
 8. Deposit Account Number:
02-2666
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To the best of my knowledge and believe, the foregoing is true and correct and any attached copy is a true copy of the original document
Michael A. Bernadicou, Reg No. 35,934 Michael A. Bernadicou 6/21/04
 Name of Person Signing Signature Date

Total number of pages including cover sheet, attachments, and document: 5

Mail documents to be recorded with required cover sheet information to:
 Commissioner of Patents, Mail Stop: Assignments
 P.O. Box 1450, Alexandria, VA 22313-1450

Attorney Docket No.: 42P17292

06/28/2004 ECDOPER 00000079 10816232
 01 FC:0021 40.00 0P

Attorney's Docket

ASSIGNMENT

PATENT

No.: 42P17292 (For Execution After Filing Patent Application)

In consideration of good and valuable consideration, the receipt of which is hereby acknowledged, We

the undersigned, Brian Doyle, Scott A. Hareland, Mark Doczy 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, CA 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 was filed **March 31, 2004** and assigned Application No. **10/816,232** and is entitled

SEMICONDUCTOR DEVICE HAVING A LATERALLY MODULATED GATE

WORKFUNCTION AND METHOD OF FABRICATION

and in and to said application and all divisional applications, continuation applications, continued prosecution applications, continuation-in-part applications, substitute applications, renewal applications, reissue applications, reexaminations, extensions, 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 patents, reissued patents, reexamination certificates, and extensions 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 applications, continuation applications, continued prosecution applications, continuation-in-part applications, substitute applications, renewal applications, reissue applications, reexaminations, extensions, 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 assist said Assignee, its successors, assigns, or representatives 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.

Date: _____, 2004

Name: Brian Doyle

Date: 16 APR 2004, 2004

Scott A Harel
Name: Scott A. Hareland

Date: _____, 2004

Name: Mark Doczy

Date: _____, 2004

Name: Robert S. Chau

State of: _____ }

County of: _____ }

Assignment Document Return Address:

SS. BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP
12400 Wilshire Blvd., Seventh Floor
Los Angeles, California 90025-1026
(408) 720-8300

On this _____ day of _____ 20 __, before me, _____,
the undersigned Notary Public, personally appeared _____

personally known to me proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) subscribed to the within instrument, and acknowledged that executed it.

WITNESS my hand and official seal.

Notary's Signature

No.: 42P17292 (For Execution After Filing Patent Application)

In consideration of good and valuable consideration, the receipt of which is hereby acknowledged, We

the undersigned, Brian Doyle, Scott A. Hareland, Mark Doczy 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, CA 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 was filed **March 31, 2004** and assigned Application No. **10/816,232** and is entitled

SEMICONDUCTOR DEVICE HAVING A LATERALLY MODULATED GATE

WORKFUNCTION AND METHOD OF FABRICATION

and in and to said application and all divisional applications, continuation applications, continued prosecution applications, continuation-in-part applications, substitute applications, renewal applications, reissue applications, reexaminations, extensions, 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 patents, reissued patents, reexamination certificates, and extensions 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 applications, continuation applications, continued prosecution applications, continuation-in-part applications, substitute applications, renewal applications, reissue applications, reexaminations, extensions, 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 assist said Assignee, its successors, assigns, or representatives 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.

Date: 17th May, 2004

[Signature]
Name: Brian Doyle

Date: _____, 2004

Name: Scott A. Hareland

Date: 17th May, 2004

[Signature]
Name: Mark Doczy

Date: 17th May, 2004

[Signature]
Name: Robert S. Chau

State of: _____ }
County of: _____ }

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Los Angeles, California 90025-1026
(408) 720-8300

On this _____ day of _____ 20 __, before me, _____,
the undersigned Notary Public, personally appeared _____

personally known to me proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) subscribed to the within instrument, and acknowledged that executed it.

WITNESS my hand and official seal.

Notary's Signature