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COVER SHEET  
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Atty Docket: 42339-212876

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

1. Name of conveying party(ies):

Daniel J. CHU  
Raymond W. ZENG

Additional name 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 Boulevard

City: Santa Clara State/Country: CA

Zip: 95052

Additional Name(s) & address(es) attached? ☐ Yes ☒ No

113009 U.S. PTO  
11/07/6970

031105

3. Nature of conveyance:

- ☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Other \_\_\_\_\_

Execution Date: March 9, 2005

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 by the first named inventor is: March 9, 2005

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

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

26694

PATENT TRADEMARK OFFICE

Name: VENABLE

Address: P.O. Box 34385

03/22/2005 6TOM11 00000054 220261 11076970

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40.00

City: Washington State: D.C. Zip: 20043-9998

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:

22-0261

(Attach duplicate copy of this page if paying by deposit account)

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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.

Jeffrey W. Gluck, Ph.D., Reg. No. 44,457

Name of Person Signing

Signature

March 11, 2005

Date

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

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

Commissioner of Patents & Trademarks, Box Assignments  
Alexandria, VA 22313-1450

VENABLE  
ATTORNEYS AT LAW

PC Docs No. 630880v1

PATENT  
REEL: 016378 FRAME: 0407

## WORLDWIDE ASSIGNMENT

WHEREAS Daniel J. CHU and Raymond W. ZENG, hereinafter (collectively) referred to as the assignor, has invented a certain improvement relating to **BIAS SELECTION**, which said assignor has caused an application for United States Letters Patent to be prepared,

[X] the inventor's declaration for said application being executed concurrently with the execution of this instrument; said application to be filed in the United States Patent and Trademark Office.

[ ] said application having been filed in the United States Patent and Trademark Office on \_\_\_\_\_, Serial Number \_\_\_\_\_, and provisional application number \_\_\_\_\_, filed \_\_\_\_\_;

WHEREAS Intel Corporation, having a principal place of business at 2200 Mission College Boulevard, Santa Clara, California 95052, hereinafter referred to as the assignee, is desirous of acquiring the entire right, title and interest in and to said application, including any and all divisions and continuations thereof, and in and to said invention and any and all patents which may be granted therefore, including any and all renewals, reissues and prolongations thereof;

NOW THIS WITNESSETH, that for and in consideration of One Dollar (\$1.00), and other good and valuable consideration paid by Assignee to Assignor, the receipt and sufficiency of which is hereby acknowledged, Assignor hereby assigns, sells and transfers, and has assigned, sold, and transferred to Assignee, its successors and assigns, the entire and exclusive right, title, and interest for the United States in and to the invention, the application, and any patents which may be granted therefor, including any and all divisions, continuations, in whole or in part, substitutions, renewals, reissues, reexaminations, and extensions thereof, and all applications claiming priority therefrom; and Assignor authorizes and requests the Commissioner of Patents and Trademarks to issue all patents for the invention, or patents resulting therefrom, insofar as their interest is concerned, to Assignee; to have, hold, exercise, and enjoy, with all the rights, powers, privileges, and advantages in anywise arising therefrom or appertaining thereto, for and during the term or terms of any and all such patents when granted, for the use and benefit of said assignee, and said assignee's successors and assigns, in as ample and beneficial a manner as Assignor might or could have held and enjoyed the same, if this assignment had not been made.

Assignor further hereby assigns, sells and transfers, and has assigned, sold, and transferred to Assignee, its successors and assigns, the entire right, title and interest in all countries of the world, in and to the invention and in and to the application and all patents which may be granted therefor, and all national applications, regional applications, divisions, reissues, substitutions, continuations, in whole or in part, re-examinations, and extensions thereof, including the right to file applications and obtain patents for the invention in its own name, in all countries and including all rights of priority in all countries under the terms of any applicable international convention, insofar as its interest is concerned; and the Assignor hereby authorizes and requests the applicable patent office in each country of the world to issue all patents for the invention, or patents resulting therefrom, insofar as its interest is concerned, to the Assignee, to have and to hold for the sole and exclusive use and benefit of the Assignee, its successors and assigns, to the full end of the term or terms for which any and all of such patents for the invention may issue, to the same extent as the Assignor would hold and enjoy if this Assignment had not been made.

The Assignor further agrees to execute any and all patent applications, assignments, affidavits, and any other papers in connection therewith necessary to perfect such patent rights, and also agrees, at the request of the Assignee, to testify in any legal proceedings, sign all lawful papers, make all lawful oaths, and generally do everything possible to aid said Assignee, its successors and assigns, to obtain, maintain and enforce proper patent protection for said invention.

IN WITNESS WHEREOF, each individual collectively referred to as Assignor has caused this Assignment to be executed.

EXECUTED this 9th day of March, 2005.

ASSIGNOR:

Signature: [Signature]  
Name: Daniel J. CHU  
Daniel J. CHU

WITNESS:

Signature: [Signature]  
Name: RAMKARTHIK GANESAN  
Address: 1219 CALSTON DR  
FOLSOM, CA 95630

**ASSIGNMENT  
OF APPLICATION FOR UNITED STATES LETTERS PATENT**EXECUTED this 9<sup>th</sup> day of March, 2005.

ASSIGNOR:

Signature: Name: Raymond W. ZENG

WITNESS:

Signature: Name: RAMKESH CHANESANAddress: 1219 CALSON DR  
FOLSOM, CA 95630