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Atty Ref/Docket No.: 884.H94US1

Patent and Trademark Office

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1. Name of conveying party(ies):

Qinghua Li and Xintian E Lin

Additional name(s) of conveying party(ies) attached?

[] Yes [X] No

2. Name and address of receiving party(ies):

Name: Intel Corporation

Street Address: 2200 Mission College Blvd.

City: Santa Clara State: CA Zip: 95052

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

3. Nature of conveyance:

[X] Assignment [] Merger

[] Security Agreement [] Change of Name

[] Other

Execution Date: December 21, 2006, December 21, 2006

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)

B. Patent No.(s)

Serial No. 11/615,736, filed December 22, 2006

Additional numbers attached? [] Yes [X] No

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

Name: Gregory J. Gorrie

Address:

Schwegman, Lundberg & Woessner, P.A.

P.O. Box 2938

Minneapolis, MN 55402-0938

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41): \$ 40.00

[] Enclosed

[X] Authorized to be charged to deposit account 19-0743

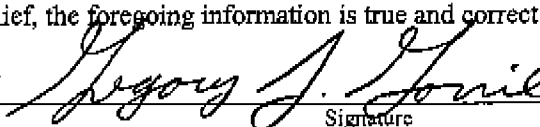
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9. Statement and signature.

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.

Gregory J. Gorrie/Reg. No. 36,530 /



January 09, 2008

Name of Person Signing

Signature

Date

Total number of pages including cover sheet: 3

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Commissioner of Patents and Trademarks
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ASSIGNMENT

WHEREAS, We, Qinghua Li, residing at 455 Crescent Ave, Apt. 17, Sunnyvale, CA 94087, and Xintian E. Lin, residing at 111 N. Rengstorff Ave #28, Mountain View, CA 91043, made certain new and useful inventions and improvements for which we filed an application for Letters Patent of the United States entitled MIMO COMMUNICATION SYSTEM AND METHOD FOR BEAMFORMING USING POLAR-CAP CODEBOOKS:

WHEREAS, We hereby authorize and request our attorneys, as listed on the Combined Declaration and Power of Attorney, at Schwegman, Lundberg, Woessner & Kluth, P.A., located at 121 South Eighth Street, Suite 1600, Minneapolis, MN 55402, to insert here in parentheses (Ser. No. 11/615,736; Filing Date: December 22, 2006) the filing date and application number of said application when known.

AND WHEREAS, Intel Corporation, a corporation organized and existing under and by virtue of the laws of the State of Delaware, and having an office and place of business at 2200 Mission College Blvd., Santa Clara, CA 95052 (hereinafter "Assignee"), is desirous of acquiring the entire right, title and interest in and to said inventions, improvements and application and in and to the Letters Patent to be obtained therefor;

NOW, THEREFORE, to all whom it may concern, be it known that for good and valuable consideration, the receipt and sufficiency whereof is hereby acknowledged, we have sold, assigned, and transferred, and by these presents do sell, assign and transfer unto said Assignee, its successors or assigns, the entire right, title and interest for all countries in and to all inventions and improvements disclosed in the aforesaid application, and in and to the said application, all divisions, continuations, continuations-in-part, or renewals thereof, all Letters Patent which may be granted there from, and all reissues or extensions of such patents, and in and to any and all applications which have been or shall be filed in any foreign countries for Letters Patent on the said inventions and improvements, including an assignment of all rights under the provisions of the International Convention, and all Letters Patent of foreign countries which may be granted there from; and we do hereby authorize and request the Commissioner of Patents and Trademarks to issue any and all United States Letters Patent for the aforesaid inventions and improvements to the said Assignee as the assignee of the entire right, title and interest in and to the same, for the use of the said Assignee, its successors and assigns.

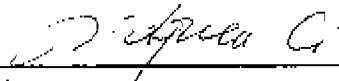
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AND, for the consideration aforesaid, we do hereby agree that we and our executors and legal representatives will make, execute and deliver any and all other instruments in writing including any and all further application papers, affidavits, assignments and other documents, and will communicate to said Assignee, its successors and representatives all facts known to us relating to said improvements and the history thereof and will testify in all legal proceedings and generally do all things which may be necessary or desirable more effectually to secure to and vest in said Assignee, its successors or assigns the entire right, title and interest in and to the said improvements, inventions, applications, Letters Patent, rights, titles, benefits, privileges and advantages hereby sold, assigned and conveyed, or intended so to be.

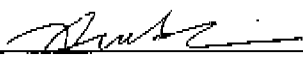
AND, furthermore, we covenant and agree with said Assignee, its successors and assigns, that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by us and that full right to convey the same as herein expressed is possessed by us.

IN TESTIMONY WHEREOF, I have hereunto set my hand this 21st day of December, 2006.



Qinghua Li

IN TESTIMONY WHEREOF, I have hereunto set my hand this 21 day of December, 2006.



Xintian E. Lin

SCHWEGMAN ■ LUNDBERG ■ WOESSNER
 PATENT, TRADEMARK & COPYRIGHT ATTORNEYS

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Date: 1/9/2008
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FROM: Gregory J. Gorrie

OUR REF: 884.H94US1

Documents Transmitted:

Assignment (2 pages), Assignment Recordation Form Cover Sheet (1 page), authorization to charge Deposit Account No. 19-0743 in the amount of \$40.00 to cover the Assignment Recording Fee.

Total pages of this transmission, including cover letter: (4 pgs)

If you do NOT receive all of the pages described above, please telephone us at 612-373-6900 or fax us at 612-339-3061.

In re. Patent Application of: Qinghua Li et al.

Serial No.: 11/615,736

Filed: December 22, 2006

Title: MIMO COMMUNICATION SYSTEM AND METHOD FOR BEAMFORMING USING POLAR-CAP CODEBOOKS

Examiner:

Group Art Unit: 3662

Docket No.: 884.H94US1

Please charge any additional fees or credit overpayment to Deposit Account No. 19-0743.

By: Gregory J. Gorrie
 Name: Gregory J. Gorrie
 Reg. No. 36,530

I hereby certify that this paper is being transmitted by facsimile to the U.S. Patent and Trademark Office on the date shown below.

Alysha Kramber
 Alysha Kramber

1/9/2008
 Date