

RECORDATION FORM COVER SHEET
PATENTS ONLY

Atty Ref/Docket No.: 884.C54US1

Patent and Trademark Office

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

1. Name of conveying party(ies): Samantha J. Edirisooriya, Steven J. Tu, Gregory W. Tse, Sujat Jamil, David E. Miner, R. Frank O'Bleness and Hang T. Nguyen

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) of conveying party(ies) attached? [] Yes [X] No

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

3. Nature of conveyance:
 Assignment Merger
 Security Agreement Change of Name
 Other

Execution Date: March 20, 2005, March 8, 2005, March 21, 2005, March 16, 2005, March 21, 2005, March 8, 2005, March 10, 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 is:

A. Patent Application No.(s) B. Patent No.(s)
 Serial No. 11/027,709, filed December 28, 2004

Additional numbers attached? [] Yes [X] No

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

Name: Viet V. Tong
 Address: Schwegman, Lundberg, Woessner & Kluth, P.A.
 P.O. Box 2938
 Minneapolis, MN 55402

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. Please charge any additional fees or credit any over payments to our Deposit account number: 19-0743

DO NOT USE THIS SPACE

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.

Viet V. Tong/Reg. No. 45,416
 Name of Person Signing


 Signature

13 April 2005
 Date

Total number of pages including cover sheet: 7

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

Mail Stop Assignment Recordation Services
 Commissioner for Patents
 P.O. Box 1450
 Alexandria, VA 22313-1450

700170611

PATENT
REEL: 016068 FRAME: 0476

CH \$40.00 190743 11027709

ASSIGNMENT

WHEREAS, We, Samantha J. Edirisooriya, residing at 640 E. Vinedo Lane, Tempe, AZ 85284, and Steven J. Tu, residing at 16815 South 15th Avenue, Phoenix, AZ 85045, and Gregory W. Tse, residing at 577 East Kelly Lane, Tempe, AZ 85284, and Sujat Jamil, residing at 1828 West Enfield Way, Chandler, AZ 85248, and David E. Miner, residing at 1933 West Spruce Drive, Chandler, AZ 85248, and R. Frank O'Bleness, residing at 416 East Stacey Lane, Tempe, AZ 85284, and Hang T. Nguyen, residing at 8613 South Dorsey Lane, Tempe, AZ 85284, made certain new and useful inventions and improvements for which we filed an application for Letters Patent of the United States on December 28, 2004, which application was assigned U.S. patent application serial number 11/027,709, and is entitled METHOD AND APPARATUS FOR IMPLEMENTING HETEROGENEOUS INTERCONNECTS:

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;

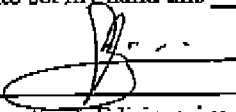
NOW, THEREFORE, to all whom it may concern, be it known that for good and valuable consideration, the receipt and sufficiency whereof is hereby acknowledged, we have sold, assigned, and transferred, and by these presents do sell, assign and transfer unto said Assignee, its successors or assigns, the 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 20th day of March, 2005.



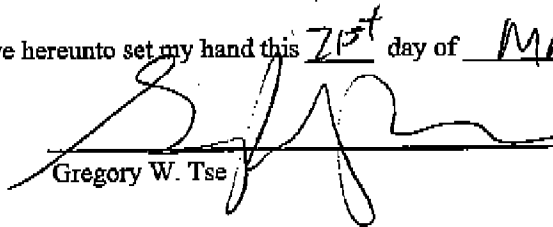
Samantha J. Edirisooriya

IN TESTIMONY WHEREOF, I have hereunto set my hand this 8th day of March, 2005.



Steven J. Tu

IN TESTIMONY WHEREOF, I have hereunto set my hand this 21st day of MARCH, 2005.



Gregory W. Tse

IN TESTIMONY WHEREOF, I have hereunto set my hand this _____ day of _____, 2005.

Sujat Jamil

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IN TESTIMONY WHEREOF, I have hereunto set my hand this 21 day of March, 2005.

David E. Miner
David E. Miner

IN TESTIMONY WHEREOF, I have hereunto set my hand this 08 day of March, 2005.

R. F. O'Brien
R. F. O'Brien

IN TESTIMONY WHEREOF, I have hereunto set my hand this 10 day of March, 2005.

Hang T. Nguyen
Hang T. Nguyen

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ASSIGNMENT

WHEREAS, We, Samantha J. Edirisooriya, residing at 640 E. Vinedo Lane, Tempe, AZ 85284, and Steven J. Tu, residing at 16815 South 15th Avenue, Phoenix, AZ 85045, and Gregory W. Tse, residing at 577 East Kelly Lane, Tempe, AZ 85284, and Sujat Jamil, residing at 7011 W. PARKER LN. APT 1151, AUSTIN, TX 78729 ~~1938 West Enfield Way, Chandler, AZ 85248~~ and David E. Miner, residing at 1933 West Spruce Drive, Chandler, AZ 85248, and R. Frank O'Bleness, residing at 416 East Stacey Lane, Tempe, AZ 85284, and Hang T. Nguyen, residing at 8613 South Dorsey Lane, Tempe, AZ 85284, made certain new and useful inventions and improvements for which we filed an application for Letters Patent of the United States on December 28, 2004, which application was assigned U.S. patent application serial number 11/027,709, and is entitled METHOD AND APPARATUS FOR IMPLEMENTING HETEROGENEOUS INTERCONNECTS;

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 _____ day of _____, 2005.

Samantha J. Edirisooriya

IN TESTIMONY WHEREOF, I have hereunto set my hand this _____ day of _____, 2005.

Steven J. Tu

IN TESTIMONY WHEREOF, I have hereunto set my hand this _____ day of _____, 2005.

Gregory W. Tse

IN TESTIMONY WHEREOF, I have hereunto set my hand this 16 day of MARCH, 2005.

Sujat Jamil

Sujat Jamil

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IN TESTIMONY WHEREOF, I have hereunto set my hand this _____ day of _____, 2005.

David E. Miner

IN TESTIMONY WHEREOF, I have hereunto set my hand this _____ day of _____, 2005.

R. F. O'Bleness

IN TESTIMONY WHEREOF, I have hereunto set my hand this _____ day of _____, 2005.

Hang T. Nguyen