

04-03-2003

3-21-03



EET

Patent and Trademark Office

102408922

Atty Ref/Docket No.: 884.571US1

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

1. Name of conveying party(ies):

Ping T. Tang and Warren E. Ferguson

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

Name: Intel Corporation

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

]Yes [X]No

Street Address: 2200 Mission College Blvd.

3. Nature of conveyance:

[X] Assignment [] Merger

[] Security Agreement [] Change of Name

[] Other

City: Santa Clara State: CA Zip: 95052

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

Execution Date: March 17, 2003 and March 11, 2003,
respectively

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: March 17, 2003
and March 11, 2003, respectively

A. Patent Application No.(s)

B. Patent No.(s)

10394952

Additional numbers attached? []Yes [X]No

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

Name: Ann M. McCrackin

6. Total number of applications and patents involved: 1

Address: Schwegman, Lundberg, Woessner & Kluth,
P.A.

P.O. Box 2938
Minneapolis, MN 55402

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

[X]Enclosed

[] Authorized to be charged to deposit account

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

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.

Ann M. McCrackin/Reg. No. 42,858

Name of Person Signing

Ann M. McCrackin

Signature

March 21, 2003

Date

cover sheet: 5

Total number of pages including

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

Commissioner of Patents and Trademarks
Box Assignments
Washington, D.C. 20231

04/02/2003 DBYRNE 00000188 10394952

01 FC 8021

40.00 DP

PATENT

REEL: 013903 FRAME: 0777

ASSIGNMENT

WHEREAS, We, Ping T. Tang residing at 30281 Brookside Lane, Hayward, CA 94544, and Warren E. Ferguson residing at 411 Brazos St., #108, Austin, TX 78701, made certain new and useful inventions and improvements for which we executed an application for Letters Patent of the United States on Even Date Herewith, which is entitled NARROW DATA PATH FOR VERY HIGH RADIX DIVISION.

AND WHEREAS, Intel Corporation, a corporation organized and existing under and by virtue of the laws of the State of , 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 therefore;


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.

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 17th day of

March, 2003



Ping T. Tang

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

_____, 2003

Warren E. Ferguson

ASSIGNMENT

WHEREAS, We, Ping T. Tang residing at 30281 Brookside Lane, Hayward, CA 94544, and Warren E. Ferguson residing at 411 Brazos St., #108, Austin, TX 78701, made certain new and useful inventions and improvements for which we executed an application for Letters Patent of the United States on Even Date Herewith, which is entitled NARROW DATA PATH FOR VERY HIGH RADIX DIVISION.

AND WHEREAS, Intel Corporation, a corporation organized and existing under and by virtue of the laws of the State of , 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 therefore;

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.

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
_____, 2003

Ping T. Tang

IN TESTIMONY WHEREOF, I have hereunto set my hand this 11 day of

March, 2003

Warren E. Ferguson

Warren E. Ferguson