



101039455

Atty Ref/Docket No.: 884.051US1

To the Honorable Commissioner of Patents and Trademarks: Please record the attached

1. Name of conveying party(ies):

Cangsang Zhao and Jeffrey K. Greason

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

3. Nature of conveyance:

- Assignment Merger
- Security Agreement Change of Name
- Other _____

Execution Date: February 8, and April 30, 1999

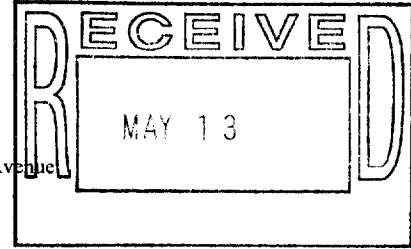
2. Name and address of receiving party(ies):

Name: Intel Corporation

Street Address: 2625 Walsh Avenue

City: Santa Clara State: CA ZIP: 95051

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



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. 09/221,229, filed December 23, 1998

Additional numbers attached? []Yes [X]No

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

Name: Steven W. Lundberg

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 overpayments to our
Deposit account number: 19-0743

(05/18/1999 10:00 AM 00000000 09201129)
01 PL 381 10.00 UP

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.

Steven W. Lundberg/Reg. No. 30.568
Name of Person Signing

[Handwritten Signature]
Signature

5/10/99
Date

Total number of pages including cover sheet: 6

OMB No. 0651-0011 (exp. 4/94)

Do not detach this portion

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

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

Public burden reporting for this sample cover sheet is estimated to average about 30 minutes per document to be recorded, including time for reviewing the document and gathering the data needed, and completing and reviewing the sample cover sheet. Send comments regarding this burden estimate to the U.S. Patent and Trademark Office, Office of information systems, PK2-1000C, Washington, D.C. 20231, and to the Office of Management and Budget, Paperwork Reduction Project (0651-0011), Washington, D.C. 20503.

(c. z.)

ASSIGNMENT

15653 NW WISMER DR. Portland, OR

WHEREAS, WE, Cangsang Zhao, residing at 14688 NW Cornell Rd. #95, Portland, OR 97229, and Jeffrey K. Greason, residing at 21505 Stage Drive, Tehachapi, CA 93561, made certain new and useful inventions and improvements for which We filed an application for Letters Patent of the United States on December 23, 1998, which application was assigned U.S. patent application serial number 09/221,229, and is entitled METHOD AND APPARATUS FOR DATA CAPTURE.

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 2625 Walsh Avenue, Santa Clara, CA 95051, (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, or renewals thereof, all Letters Patent which may be granted therefrom, 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 therefrom; 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 me/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 8 day of February, 1999.



Cangsang Zhao

STATE OF Oregon)
)ss.
COUNTY OF Washington)

On this 8 day of February, 1999 before me personally appeared Cangsang Zhao to me known and known to me to be the person described in and who executed the foregoing instrument, and he/she duly acknowledged to me that he/she executed the same for the uses and purposes therein set forth.

[SEAL]



Notary Public



IN TESTIMONY WHEREOF, I have hereunto set my hand this ____ day of _____, 1999.

Jeffrey K. Greason

STATE OF _____)
)ss.
COUNTY OF _____)

On this ____ day of _____, 1999 before me personally appeared Jeffrey K. Greason to me known and known to me to be the person described in and who executed the foregoing instrument, and he/she duly acknowledged to me that he/she executed the same for the uses and purposes therein set forth.

[SEAL] _____
Notary Public

ASSIGNMENT

WHEREAS, WE, Cangsang Zhao, residing at 14688 NW Cornell Rd. #95, Portland, OR 97229, and Jeffrey K. Greason, residing at 21505 Stage Drive, Tehachapi, CA 93561, made certain new and useful inventions and improvements for which We filed an application for Letters Patent of the United States on December 23, 1998, which application was assigned U.S. patent application serial number 09/221,229, and is entitled METHOD AND APPARATUS FOR DATA CAPTURE.

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 2625 Walsh Avenue, Santa Clara, CA 95051, (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, or renewals thereof, all Letters Patent which may be granted therefrom, 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 therefrom; 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.

PATENT

REEL: 009951 FRAME: 0211

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 me/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 _____, 1999.

Cangsang Zhao

IN TESTIMONY WHEREOF, I have hereunto set my hand this 30th day of April, 1999.

Jeffrey K. Greason