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S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office



Atty Ref/Docket No.: 777.253 US1

101072140

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

1. Name of conveying party(ies):

Philip A. Chou, Sanjeev Mehrotra and Albert S. Wang

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

Name: Microsoft Corporation

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

Street Address: One Microsoft Way

3. Nature of conveyance:

[X] Assignment

[ ] Merger

[ ] Security Agreement

[ ] Change of Name

[ ] Other \_\_\_\_\_

City: Redmond State: WA ZIP: 98052-6399

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

Execution Date: June 3, 1999

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. 09/276,842, filed March 26, 1999

Additional numbers attached? [ ] Yes [X] No

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

Name: Charles A. Lemaire

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

[X] Enclosed

[ ] Authorized to be charged to deposit account

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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.

Charles A. Lemaire/Reg. No. 36,198

Name of Person Signing

*Charles A. Lemaire*  
Signature

14 June 1999  
Date

Total number of pages including cover sheet: 4

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PATENT  
REEL: 010031 FRAME: 0551

## ASSIGNMENT

WHEREAS, we, Philip A. Chou, Sanjeev Mehrotra and Albert S. Wang (hereinafter referred to as ASSIGNORS), having post office addresses of 13525 NE 50th Street, Bellevue, WA 98005, 8818 123rd Ln. NE, Kirkland, WA 98033 and 702 Kirkland Way, Apt. 9, Kirkland, WA 98033 respectively, are the joint inventors of an invention entitled "RECONSTRUCTION OF MISSING COEFFICIENTS OF OVERCOMPLETE LINEAR TRANSFORMS USING PROJECTIONS ONTO CONVEX SETS", as described and claimed in the specification forming part of an application for United States letters patent filed March 26, 1999 and assigned serial number 09/276,842;

WHEREAS, Microsoft Corporation (hereinafter referred to as ASSIGNEE), a corporation of the State of Washington having a place of business at One Microsoft Way, Redmond, WA 98052-6399, is desirous of acquiring the entire right, title and interest in and to the invention and in and to any letters patent that may be granted therefor in the United States and in any and all foreign countries;

NOW, THEREFORE, in exchange for good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNORS hereby sell, assign and transfer unto said ASSIGNEE, the entire right, title and interest in and to said invention, said application and any and all letters patent which may be granted for said invention in the United States of America and its territorial possessions and in any and all foreign countries, and in any and all divisions, reissues and continuations thereof, including the right to file foreign applications directly in the name of ASSIGNEE and to claim priority rights deriving from said United States application to which said foreign applications are entitled by virtue of international convention, treaty or otherwise, said invention, application and all letters patent on said invention to be held and enjoyed by ASSIGNEE and its successors and assigns for their use and benefit and of their successors and assigns as fully and entirely as the same would have been held and enjoyed by ASSIGNORS had this assignment, transfer and sale not been made. ASSIGNORS hereby authorize and request the Commissioner of Patents and Trademarks to issue all letters patent on said invention to ASSIGNEE. ASSIGNORS agree to execute all instruments and documents required for the making and prosecution of applications for United States and foreign letters patent on said invention, for litigation regarding said letters patent, or for the purpose of protecting title to said invention or letters patent therefor.

IN TESTIMONY WHEREOF, I have hereunto set my hand this 3 day of June, 1999.

Philip A. Chou  
Philip A. Chou

STATE OF Washington  
)ss.

COUNTY OF King )

On this 3<sup>rd</sup> day of June, 1999 before me personally appeared Philip A. Chou 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]

Linda Y. Johnson  
Notary Public

IN TESTIMONY WHEREOF, I have hereunto set my hand this 3 day of June, 1999.

Sanjeev Mehrotra  
Sanjeev Mehrotra

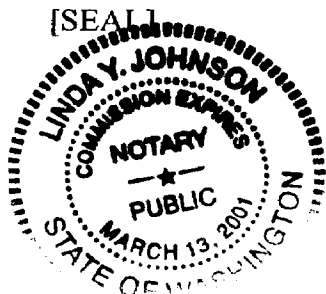
STATE OF Washington  
)ss.

COUNTY OF King )

On this 3<sup>rd</sup> day of June, 1999 before me personally appeared Sanjeev Mehrotra 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]

Linda Y. Johnson  
Notary Public



IN TESTIMONY WHEREOF, I have hereunto set my hand this 3 day of June, 1999.

Albert S. Wang  
Albert S. Wang

STATE OF Washington

COUNTY OF King )ss.

On this 3rd day of June, 1999 before me personally appeared Albert S. Wang 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]

Linda Y. Johnson  
Notary Public

