

05-26-1999

Atty Ref/Docket No.: 777.183US1



101046915

To the Honorable Commissioner of Patents and Trademarks

copy thereof.

1. Name of conveying party(ies):

Rafael S. Lisitsa, George H. J. Shaw, Dale A. Sather and  
Bryan A. Woodruff

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

Name: Microsoft Corporation

Street Address: One Microsoft Way

City: Redmond State: WA ZIP: 98052-6399

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

3. Nature of conveyance:

- [X] Assignment [ ] Merger  
[ ] Security Agreement [ ] Change of Name  
[ ] Other

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

Execution Date: May 6, 1999, May 10, 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: May 6, 1999, May 10, 1999

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached? [ ] Yes [X] No

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

Name: J. Michael Anglin

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

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

J. Michael Anglin/Reg. No. 24,916  
Name of Person Signing

Signature

12 May 1999  
Date

Total number of pages including cover sheet: 4

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

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**PATENT**  
**REEL: 009964 FRAME: 0748**

## ASSIGNMENT

WHEREAS, we, Rafael S. Lisitsa, George H. J. Shaw, Dale A. Sather and Bryan A. Woodruff (hereinafter referred to as ASSIGNORS), having post office addresses of 4431 145th Avenue SE, Bellevue, WA 98006, 21213 NE 186th Street, Woodinville, WA 98072, 6813 26th Ave NE, Seattle, WA 98115, and 1020 SW 10th Street, North Bend, WA 98045, respectively, are the joint inventors of an invention entitled "IMPROVING THE FLOW OF STREAMING DATA THROUGH MULTIPLE PROCESSING MODULES", as described and claimed in the specification forming part of an application for United States letters patent executed herewith;

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.

PATENT

REEL: 009964 FRAME: 0749

IN TESTIMONY WHEREOF, I have hereunto set my hand this 10 day of May, 1999.

R. Lisitsa

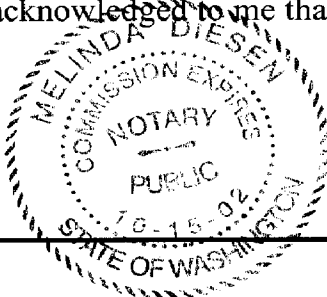
Rafael S. Lisitsa

STATE OF WA )  
 )ss.

COUNTY OF King )

On this 10<sup>th</sup> day of May, 1999 before me personally appeared Rafael S. Lisitsa 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]



Melinda Diesen  
Notary Public

IN TESTIMONY WHEREOF, I have hereunto set my hand this 6 day of May, 1999.

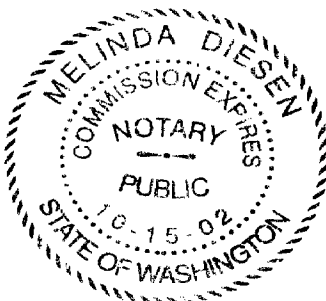
George H. J. Shaw

STATE OF WA )  
 )ss.

COUNTY OF King )

On this 6<sup>th</sup> day of May, 1999 before me personally appeared George H. J. Shaw 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]



Melinda Diesen  
Notary Public

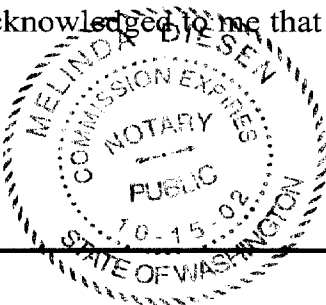
IN TESTIMONY WHEREOF, I have hereunto set my hand this 10 day of May, 1999.

Dale A. Sather  
Dale A. Sather

STATE OF WA )  
 )ss.  
COUNTY OF King )

On this 10<sup>th</sup> day of may, 1999 before me personally appeared Dale A. Sather 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]



Melinda Diesen  
Notary Public

IN TESTIMONY WHEREOF, I have hereunto set my hand this 10<sup>th</sup> day of May, 1999.

Bryan A. Woodruff  
Bryan A. Woodruff

STATE OF WA )  
 )ss.  
COUNTY OF King )

On this 10<sup>th</sup> day of may, 1999 before me personally appeared Bryan A. Woodruff 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]



Melinda Diesen  
Notary Public