

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:70%;">Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Rafael S. Lisitsa</td> <td>05/10/1999</td> </tr> <tr> <td>George H.J. Shaw</td> <td>05/06/1999</td> </tr> <tr> <td>Dale A. Sather</td> <td>05/10/1999</td> </tr> <tr> <td>Bryan A. Woodruff</td> <td>05/10/1999</td> </tr> </tbody> </table>		Name	Execution Date	Rafael S. Lisitsa	05/10/1999	George H.J. Shaw	05/06/1999	Dale A. Sather	05/10/1999	Bryan A. Woodruff	05/10/1999
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George H.J. Shaw	05/06/1999										
Dale A. Sather	05/10/1999										
Bryan A. Woodruff	05/10/1999										
RECEIVING PARTY DATA											
Name:	Microsoft Corporation										
Street Address:	One Microsoft Way										
City:	Redmond										
State/Country:	WASHINGTON										
Postal Code:	98052										
PROPERTY NUMBERS Total: 1											
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:30%;">Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>11195092</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	11195092						
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CORRESPONDENCE DATA											
Fax Number:	(216)696-8731										
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>											
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Email:	cpadamonsky@thepatentattorneys.com										
Correspondent Name:	Amin & Turocy, LLP										
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Address Line 4:	Cleveland, OHIO 44114										
NAME OF SUBMITTER:	Himanshu S. Amin										

OP \$40.00 11195092

Total Attachments: 3
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 source=MS115395.05 - Assignment#page2.tif

PATENT

REEL: 016521 FRAME: 0095

500049382

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.

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



Rafael S. Lisitsa

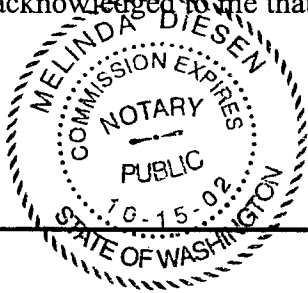
STATE OF WA)

)ss.

COUNTY OF King)

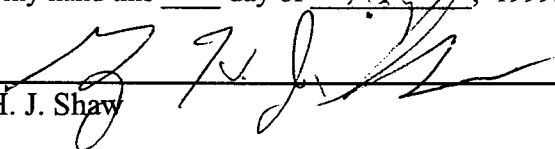
On this 10th day of May, 1999 before me personally appeared Rafael S. Lisitsa to me known and known to me to be the person described in and who executed the foregoing instrument, and he/she duly acknowledged to me that he/she executed the same for the uses and purposes therein set forth.

[SEAL]



Notary Public

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



George H. J. Shaw

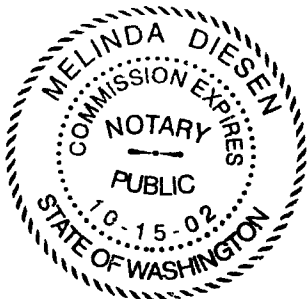
STATE OF WA)

)ss.

COUNTY OF King)

On this 6th 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]



Notary Public

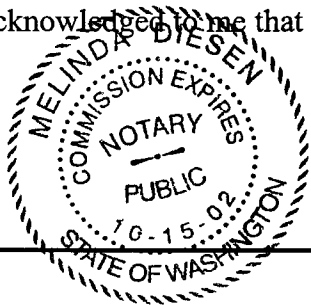
IN TESTIMONY WHEREOF, I have hereunto set my hand this 10 day of May, 1999.

Dale A. Sather
Dale A. Sather

STATE OF WA)
)ss.
COUNTY OF King)

On this 10th 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 10th day of May, 1999.

Bryan A. Woodruff
Bryan A. Woodruff

STATE OF WA)
)ss.
COUNTY OF King)

On this 10th 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