

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:

NEW ASSIGNMENT

NATURE OF CONVEYANCE:

ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Andrey Shur	06/28/2005
Bruce A. MacKenzie	06/28/2005
Charles S. Walker	06/29/2005
David B. Ornstein	08/10/2005
Jerry J. Dunietz	06/28/2005
Joshua M. Pollock	06/29/2005
Sarjana B. Sheth	06/28/2005
Isaac E. Nichols	04/22/2005

RECEIVING PARTY DATA

Name:	Microsoft Corporation
Street Address:	One Microsoft Way
City:	Redmond
State/Country:	WASHINGTON
Postal Code:	98052

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	11111882

CORRESPONDENCE DATA

Fax Number: (202)783-4211

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Phone: 202-783-8400

Email: rboyden@shb.com

Correspondent Name: Monplaisir Hamilton

Address Line 1: 2555 Grand Blvd

Address Line 4: Kansas City, MISSOURI 64108

PATENT

500054278

REEL: 016628 FRAME: 0619

OP \$40.00 11111882

ATTORNEY DOCKET NUMBER:	MFCP.118938
NAME OF SUBMITTER:	Monplaisir Hamilton
<p>Total Attachments: 6</p> <p>source=118938#page1.tif</p> <p>source=118938#page2.tif</p> <p>source=118938#page3.tif</p> <p>source=118938#page4.tif</p> <p>source=118938#page5.tif</p> <p>source=118938#page6.tif</p>	

PATENT ASSIGNMENT

We, Andrey Shur; Bruce A. MacKenzie; Charles S. Walker; David B. Ornstein; Jerry J. Dunietz; Joshua M. Pollock; Sarjana B. Sheth and Isaac E. Nichols ("ASSIGNORS"), have invented subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "EFFICIENTLY DESCRIBING RELATIONSHIPS BETWEEN RESOURCES" ("APPLICATION"), which:

- ☒ will be filed without this executed PATENT ASSIGNMENT. ASSIGNORS hereby authorizes, and requests, ASSIGNEE'S legal representatives, of SHOOK, HARDY & BACON LLP, who are associated with customer number 45809, to insert here in parenthesis (U.S. Serial No. 11/111,882 filed 4/22/2005) this APPLICATION's U.S. Serial Number and filing date, when known;
- ☐ was filed on and was given U.S. Serial No.;
- ☐ is filed concurrently herewith;

Microsoft Corporation, a Washington Corporation, on behalf of itself and its successors and assigns ("ASSIGNEE"), is entitled to, and is desirous of acquiring, the entire and exclusive rights, title and interest in the INVENTION and the APPLICATION (and all other applications and patents derived therefrom, such as continuing applications, in and for the United States, its territories, and all foreign countries ("APPLICATION DERIVATIVES"));

For good and valuable consideration, the receipt of which is hereby acknowledged by the ASSIGNOR, the ASSIGNORS hereby sell, assign and transfer to the ASSIGNEE, the entire and exclusive rights, title and interest in the INVENTION and the APPLICATION (and APPLICATION DERIVATIVES);


ASSIGNORS agree to execute all instruments and documents required for the making and prosecution of the APPLICATION (and APPLICATION DERIVATIVES), for litigation regarding letters patent derived therefrom, and for the purpose of protecting and perfecting title to the APPLICATION (and APPLICATION DERIVATIVES).

JUNE 28/2005
DATE

JUNE 28/2005
DATE

DATE

DATE



Andrey Shur



Bruce A. MacKenzie

Charles S. Walker

David B. Ornstein

PATENT ASSIGNMENT

We, Andrey Shur; Bruce A. MacKenzie; Charles S. Walker; David B. Ornstein; Jerry J. Dunietz; Joshua M. Pollock; Sarjana B. Sheth and Isaac E. Nichols ("ASSIGNORS"), have invented subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "EFFICIENTLY DESCRIBING RELATIONSHIPS BETWEEN RESOURCES" ("APPLICATION"), which:

☒ will be filed without this executed PATENT ASSIGNMENT. ASSIGNORS hereby authorizes, and requests, ASSIGNEE'S legal representatives, of SHOOK, HARDY & BACON LLP, who are associated with customer number 45809, to insert here in parenthesis (U.S. Serial No. 11/111,882 filed 4/22/2005) this APPLICATION's U.S. Serial Number and filing date, when known;

☐ was filed on and was given U.S. Serial No.;

☐ is filed concurrently herewith;

Microsoft Corporation, a Washington Corporation, on behalf of itself and its successors and assigns ("ASSIGNEE"), is entitled to, and is desirous of acquiring, the entire and exclusive rights, title and interest in the INVENTION and the APPLICATION (and all other applications and patents derived therefrom, such as continuing applications, in and for the United States, its territories, and all foreign countries ("APPLICATION DERIVATIVES"));

For good and valuable consideration, the receipt of which is hereby acknowledged by the ASSIGNOR, the ASSIGNORS hereby sell, assign and transfer to the ASSIGNEE, the entire and exclusive rights, title and interest in the INVENTION and the APPLICATION (and APPLICATION DERIVATIVES);

ASSIGNORS agree to execute all instruments and documents required for the making and prosecution of the APPLICATION (and APPLICATION DERIVATIVES), for litigation regarding letters patent derived therefrom, and for the purpose of protecting and perfecting title to the APPLICATION (and APPLICATION DERIVATIVES).

DATE

Andrey Shur

DATE

Bruce A. MacKenzie

6/29/05

DATE



Charles S. Walker

DATE

David B. Ornstein

PATENT ASSIGNMENT

We, Andrey Shur; Bruce A. MacKenzie; Charles S. Walker; David B. Ornstein; Jerry J. Dunietz; Joshua M. Pollock; Sarjana B. Sheth and Isaac E. Nichols ("ASSIGNORS"), have invented subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "EFFICIENTLY DESCRIBING RELATIONSHIPS BETWEEN RESOURCES" ("APPLICATION"), which:

- ☒ will be filed without this executed PATENT ASSIGNMENT. ASSIGNORS hereby authorizes, and requests, ASSIGNEE'S legal representatives, of SHOOK, HARDY & BACON LLP, who are associated with customer number 45809, to insert here in parenthesis (U.S. Serial No. 11/111,882 filed 4/22/2005) this APPLICATION's U.S. Serial Number and filing date, when known;
- ☐ was filed on and was given U.S. Serial No.;
- ☐ is filed concurrently herewith;

Microsoft Corporation, a Washington Corporation, on behalf of itself and its successors and assigns ("ASSIGNEE"), is entitled to, and is desirous of acquiring, the entire and exclusive rights, title and interest in the INVENTION and the APPLICATION (and all other applications and patents derived therefrom, such as continuing applications, in and for the United States, its territories, and all foreign countries ("APPLICATION DERIVATIVES"));

For good and valuable consideration, the receipt of which is hereby acknowledged by the ASSIGNOR, the ASSIGNORS hereby sell, assign and transfer to the ASSIGNEE, the entire and exclusive rights, title and interest in the INVENTION and the APPLICATION (and APPLICATION DERIVATIVES);

ASSIGNORS agree to execute all instruments and documents required for the making and prosecution of the APPLICATION (and APPLICATION DERIVATIVES), for litigation regarding letters patent derived therefrom, and for the purpose of protecting and perfecting title to the APPLICATION (and APPLICATION DERIVATIVES).

DATE

Andrey Shur

DATE

Bruce A. MacKenzie

DATE

Charles S. Walker

6/10/05
DATE



David B. Ornstein

6-28-2005
DATE

Jerry J. Dunietz
Jerry J. Dunietz

DATE

Joshua M. Pollock
Joshua M. Pollock

28th Jun 2005
DATE

Sarjana B. Sheth
Sarjana B. Sheth

DATE

Isaac E. Nichols
Isaac E. Nichols

DATE

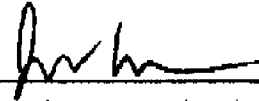
6/29/2005

DATE

DATE

DATE

Jerry J. Dunietz



Joshua M. Pollock

Sarjana B. Sheth

Isaac E. Nichols

DATE

Jerry J. Dunietz

DATE

Joshua M. Pollock

DATE

Sarjana B. Sheth

4/22/2005
DATE

Isaac Nichols
Isaac E. Nichols