



To the Honorable Commissioner of Patents

101676909

attached original documents or copy thereof.

1. Name of conveying party(ies):

Eric J. Horvitz
Carl M. Kadie
Stuart Ozer
Curtis G. Wong

4/04/01

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

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

Name: Microsoft Corporation

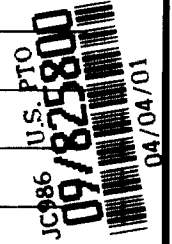
Internal Address:

Street Address: One Microsoft Way

City: Redmond

State/Country: Washington ZIP: 98052

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



Execution Date: 03/28/01; 03/29/01

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: 03/28/01; 03/29/01

A. Patent Application No.(s)

B. Patent No.(s)

09825800

04/09/2001 MBELETE1 00000009 09825800

04 FC 581

40.00 DP

Additional Numbers attached? [] Yes [X] No

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

Name: Himanshu S. Amin

Internal Address:

Amin & Turocy, LLP

Street Address: 24th Floor, National City Center

1900 E. 9th Street

City: Cleveland

State: Ohio ZIP: 44114

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. Deposit account number:

50-1063

(Attach duplicate copy of this page if paying by deposit account)

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.

Himanshu S. Amin

April 4, 2001

Name of Person Signing

Signature

Date

Reg. No. 40,894 Total number of pages including cover sheet attachments, and document: [6]

Mail documents to be recorded with required cover sheet information to:
Commissioner of Patents & Trademarks, Box Assignments
Washington, D.C. 20231

ASSIGNMENT

WHEREAS, we, Eric J. Horvitz, Carl M. Kadie, Stuart Ozer and Curtis G. Wong (hereinafter referred to as ASSIGNORS), having post office addresses of 330 Waverly Way, Kirkland, Washington, 98033, 15937 NE 1st Street, Bellevue, Washington, 98008, 412 Franconia Street, San Francisco, California, 94110, 136 102nd Avenue SE, #204, Bellevue, Washington, 98004, respectively, are the joint inventors of an invention entitled TRAINING, INFERENCE AND USER INTERFACE FOR GUIDING THE CACHING OF MEDIA CONTENT ON LOCAL STORES, 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, 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 said 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 therefore.

ASSIGNMENT

Signed: [Signature]
Eric J. Horvitz

Date: 3/28/01

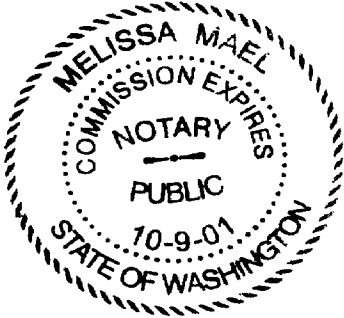
CERTIFICATE OF ACKNOWLEDGMENT

State of Washington

County of King

On 3/28/01 before me, Melissa Mael, Notary,
Name and Title of Officer (e.g., "Jane Doe, Notary Public")

personally appeared Eric J. Horvitz.
Name(s) of Signer(s)



personally known to me - OR - proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

Melissa Mael
Signature of Notary Public

ASSIGNMENT

Signed: Carl M. Kadie
Carl M. Kadie

Date: 3/28/2001

CERTIFICATE OF ACKNOWLEDGMENT

State of Washington

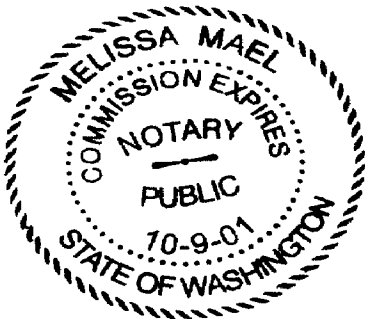
County of King

On 3/28/01 before me, Melissa Mael, Notary
Name and Title of Officer (e.g., "Jane Doe, Notary Public")

personally appeared Carl M. Kadie.
Name(s) of Signer(s)

personally known to me - OR - proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.



Melissa Mael
Signature of Notary Public

ASSIGNMENT

Signed: [Signature]
Stuart Ozer

Date: 3/28/2001

CERTIFICATE OF ACKNOWLEDGMENT

State of California

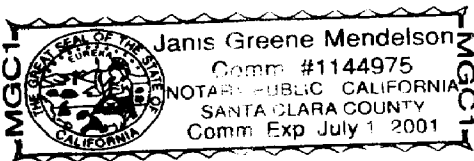
County of Santa Clara

On March 28, 2001 before me, Janis Greene Mendelson, Notary Public
Name and Title of Officer (e.g., "Jane Doe, Notary Public")

personally appeared Stuart Ozer.
Name(s) of Signer(s)

 personally known to me - OR - proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.



[Signature]
Signature of Notary Public

ASSIGNMENT

Signed: Curtis G. Wong
Curtis G. Wong

Date: 3-29-01

CERTIFICATE OF ACKNOWLEDGMENT

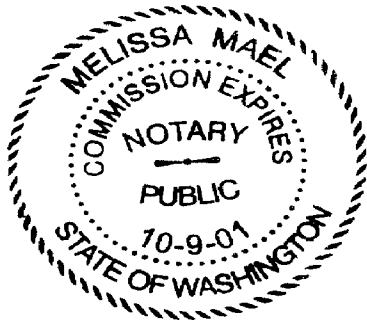
State of Washington

County of King

On 3/29/01 before me, Melissa Mael, Notary
Name and Title of Officer (e.g., "Jane Doe, Notary Public")

personally appeared Curtis G. Wong.
Name(s) of Signer(s)

personally known to me - OR - proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.



WITNESS my hand and official seal.

Melissa Mael
Signature of Notary Public