

02-26-2002



SHEET

101993063

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

1. Name of conveying party(ies):

2-11-02

Jian Cao

February 8, 2002

First Assignor

Date of Execution

Zhanliang Chen

February 8, 2002

Second Assignor

Date of Execution

Saurab Nog

February 4, 2002

Third Assignor

Date of Execution

Fourth Assignor

Date of Execution

Fifth Assignor

Date of Execution

Sixth Assignor

Date of Execution

Additional name(s) of conveying party(ies) attached? () YES () NO

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

Name: Microsoft Corporation

Street Address: One Microsoft Way

City: Redmond

State: Washington

ZIP: 98052

Additional name(s) & address attached? () YES (X) NO

3. Nature of Conveyance (check only one):

(X) New Assignment

() Merger

() License Agreement

() Security Agreement

() Change of Name

() Other:

() Cross-reference of Assignment filed in United States

Application No. ___/___/___, recorded on ___ at

Reel No. ___ and Frame No. ___

4. Identification of Application number(s), patent number(s) OR date of execution of application to which assignment refers:

Application Nos.:

10,073,618

Patent Nos.:

Date application was signed by the first
named executing inventor

February 8, 2002

(Fill-in this date only if assignment is
filed together with a new application)5. Name and address of party to whom correspondence
concerning documents should be mailed:Name: Thomas E. Watson
WOODCOCK WASHBURN LLP
One Liberty Place - 46th Floor
Philadelphia, Pennsylvania 19103-7301
215-568-3100

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41):.....\$40.00

() Enclosed

(X) Authorized to be charged to Deposit Account
Number 23-30508. Please charge any deficiency or credit any
overpayment to Deposit Account Number 23-3050

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.*

Thomas E. Watson / 43,243

Name of Person Signing/Reg. No.

Signature

2/11/02

Date

Total number of pages including cover sheet, assignment document and additional pages attached thereto: 4

Mail documents to be recorded with required cover sheet information to:

Commissioner of Patents and Trademarks
Box Assignments
Washington, D.C. 20231

02/25/2002 LNUELLER 00000196 233050 10073618

01 FEB 2002 10.00 CH

PATENT

REEL: 012596 FRAME: 0388

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Inventorship..... Jian Cao et al.
Applicant.....Microsoft Corporation
Attorney's Docket No.MSFT-0767/186581.1
Title: Systems and Methods for Providing Runtime Universal Resource Locator (URL) Analysis
and Correction

PATENT ASSIGNMENT**PARTIES TO THE ASSIGNMENT****Assignor(s):**

Jian Cao
18530 NE 102nd Court
Redmond, WA 98052

Zhanliang Chen
3106 213th Pl. SE
Sammamish, WA 98075-9596

Saurab Nog
14520 NE 38th Street, #1072
Bellevue, Washington 98007

Assignee:

Microsoft Corporation
Corporation in the State of Washington
One Microsoft Way
Redmond, WA 98052

AGREEMENT

WHEREAS, ASSIGNOR(S) (listed above) are inventor(s) of an invention entitled
"Systems and Methods for Providing Runtime Universal Resource Locator (URL) Analysis and
Correction" as described and claimed in the specification forming part of an application for
United States letters patent referenced above;

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, ASSIGNOR(S) hereby sell, assign and transfer unto 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 ASSIGNOR(S) had this assignment, transfer and sale not been made. ASSIGNOR(S) hereby authorize and request the Commissioner of Patents and Trademarks to issue all letters patent on said invention to ASSIGNEE. ASSIGNOR(S) 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.

02/08/2002
Date

Jian Cao
Jian Cao

08 Feb 2002
Date

Zhanliang Chen
Zhanliang Chen

04th Feb 2002
Date

Saurab Nog
Saurab Nog