

04-02-2003

MSFT-1414/300927.1



102406667

To The Honorable Commissioner of Patents and Trademarks original documents or copy thereof.

1. Name of conveying party(ies):

Zhanliang (John) Chen **March 25, 2003**
 First Assignor Date of Execution

Christopher C. McConnell **March 25, 2003**
 Second Assignor Date of Execution

Igor I. Rondel **March 25, 2003**
 Third Assignor Date of Execution

Scott A. Thurlow **March 25, 2003**
 Fourth Assignor Date of Execution

Siddhartha Singh Arora **March 25, 2003**
 Fifth Assignor Date of Execution

Tobin D. Baker **March 25, 2003**
 Sixth Assignor Date of Execution

Thomas D. White **March 25, 2003**
 Seventh 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 ☒ NO

3. Nature of Conveyance (check only one):

☒ New Assignment☐ License Agreement☐ Change of Name☐ Merger☐ Security Agreement☐ 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.:

10/305,446, filed November 27, 2002

Patent Nos.:

Date application was signed by the first
named executing inventor(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: **Lawrence A. Aaronson**
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☐ Authorized to be charged to Deposit Account Number
23-30508. Please charge any deficiency or credit any overpayment to
Deposit Account Number 23-3050

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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.***Lawrence A. Aaronson, Reg. 38,369**

Name of Person Signing/Reg. No.

Signature

March 26, 2003

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

PATENT**REEL: 013899 FRAME: 0938**

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Serial Number 10/305,446
Filing Date November 27, 2002
Inventorship Zhanliang (John) Chen et al.
Applicant Microsoft Corporation
Attorney's Docket No. MSFT-1414/300927.1
Title: Term Extraction and Normalization for Federated Search

PATENT ASSIGNMENT

PARTIES TO THE ASSIGNMENT

Assignor(s):

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

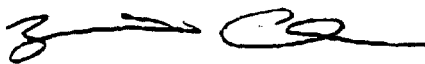
AGREEMENT

WHEREAS, ASSIGNOR(S) (listed above) are inventor(s) of an invention entitled as described and claimed in the specification forming part of an application for United States letters patent referenced above;

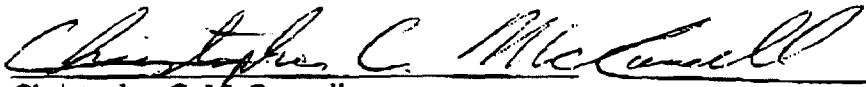
WHEREAS, Microsoft Corporation (hereinafter referred to as ASSIGNEE), a corporation of the State of Washington having a place of business at One Microsoft Way, Redmond, WA 98052, is desirous of acquiring the entire right, title and interest in and to the invention and in and to any letters patent that 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.

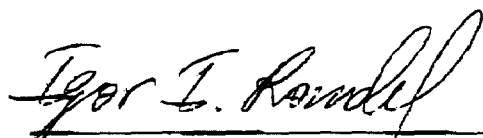
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Date


Zhanliang (John) Chen

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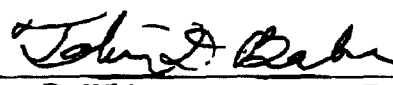
3/25/03
Date


Scott A. Thurlow

03/25/03
Date


Siddhartha Singh Arora

3/25/03
Date


Thomas D. White TOBIN D. BAKER

3/25/03
Date


Tobin D. Baker THOMAS D. WHITE