

08-06-2004

RECORDATION FOR PATENTS

MSFT-3551/308420.01



copy thereof.

15364 U.S. PTO 10/903187

To The Honorable Commissioner of Patents and Trademarks. Please

102807989

1. Name of conveying party(ies):

Martin J. Sleeman July 28, 2004
 First Assignor Date of Execution

Artem A. Oks July 28, 2004
 Second Assignor Date of Execution

Hanumantha Rao Kodavalla July 28, 2004
 Third Assignor Date of Execution

Nigel R. Ellis July 28, 2004
 Fourth Assignor Date of Execution

 Fifth Assignor Date of Execution

 Sixth Assignor Date of Execution

2. 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 Merger

License Agreement Security Agreement

Change of Name Other:

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

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

Application Nos.: 10903187 Patent Nos.: _____

Date application was signed by the first named executing inventor: July 30, 2004

(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: Richard W. Knight
 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

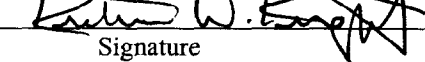
Authorized to be charged to Deposit Account Number 23-3050

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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.

Richard W. Knight / 42,751  July 28, 2004
 Name of Person Signing/Reg. No. Signature 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:

08/05/2004 6TOM11 00000083 233050 10903187
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Mail Stop Assignment Recordation Services
 Commissioner for Patents
 P.O. Box 1450
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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Inventorship..... Martin J. Sleeman et al.
Applicant..... Microsoft Corporation
Attorney's Docket No.MSFT-3551/308420.01
Title: Systems and Methods for Automatic Maintenance and Repair of Entities in a Data Model

PATENT ASSIGNMENT

PARTIES TO THE ASSIGNMENT

Assignor(s):

Martin J. Sleeman
8801 142nd Ave. NE
Redmond, Washington 98052

Artem A. Oks
15315 Se 25th St.
Bellevue, Washington 98007

Hanumantha Rao Kodavalla
307 238th Ave. SE
Sammamish, Washington 98074

Nigel R. Ellis
12125 194 Avenue NE
Redmond, Washington 98053

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 Automatic Maintenance and Repair of Entities in a Data Model 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.

July 28, 2004
Date

Mart J. Sleeman
Martin J. Sleeman

7/28/2004
Date

Artem A. Oks
Artem A. Oks

July 28, 2004
Date

Hanumantha Rao Kodavalla
Hanumantha Rao Kodavalla

July 29, 2004
Date

Nigel R. Ellis
Nigel R. Ellis