

08-29-2003

ET

To The Honorable Commissioner of Pat



hed original documents or copy thereof.  
ess of receiving party:

1. Name of conveying parties:

102537738

Anil K. Nori  
First Assignor  
8-21-03 August 19, 2003  
Date of Execution

Sameet Agarwal  
Second Assignor  
August 19, 2003  
Date of Execution

J. Patrick Thompson  
Third Assignor  
August 19, 2003  
Date of Execution

Pedro Celis  
Fourth Assignor  
August 19, 2003  
Date of Execution

David G. Campbell  
Fifth Assignor  
August 19, 2003  
Date of Execution

F. Soner Terek  
Sixth Assignor  
August 20, 2003  
Date of Execution

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

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:

03945 U.S. PTO  
10/646580  
08/21/03

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

Application Nos.:

Patent Nos.:

Date application was signed by the first named executing inventor

10646580

August 19, 2003

(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

8. 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.

Richard W. Knight/42,751  
Person Signing/Reg. No.

21 AUG 03

Date

Total number of pages including cover sheet, assignment document and additional pages attached thereto: 6

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

08/28/2003 LMUELLER 00000215 10646580

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MSFT-2735/305312.01

Mail Stop Assignment Recordation Services  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Inventorship..... Anil K. Nori, ~~Quentin J. Clark~~ et al.  
Applicant..... Microsoft Corporation  
Attorney's Docket No. .... MSFT-2735/305312.01  
Title: SYSTEMS AND METHODS FOR DATA MODELING IN AN ITEM-BASED STORAGE PLATFORM

RWK  
2/11/03

PATENT ASSIGNMENT

PARTIES TO THE ASSIGNMENT

Assignors:

~~Quentin J. Clark  
17432 5th Place  
Bellevue, Washington 98006~~ **RWK** 21 AUG 03

Pedro Celis  
20347 NE 61st Court  
Redmond, Washington 98053

Anil K. Nori  
7421 204th Drive NE  
Redmond, Washington 98053

David G. Campbell  
22414 NE 30th Court  
Sammamish, Washington 98074

Sameet Agarwal  
8127 149th Place NE, #C-214  
Redmond, Washington 98052

F. Soner Terek  
13695 NE 32nd Place  
Bellevue, Washington 98052

J. Patrick Thompson  
6020 Sycamore Avenue NW  
Seattle, Washington 98107

Assignee:

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

AGREEMENT

WHEREAS, ASSIGNORS (listed above) are inventors of an invention entitled SYSTEMS AND METHODS FOR DATA MODELING IN AN ITEM-BASED STORAGE PLATFORM 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, Washington 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 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 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 therefor.

DATE

~~OLIVIER J. CLARK~~

8/19/03

DATE

*Anil K. Nori*  
ANIL K. NORI

8/19/03

DATE

*Sameet Agarwal*  
SAMEET AGARWAL

19 Aug 2003

DATE

*J. P. Thompson*  
J. PATRICK THOMPSON

8/19/03

DATE

*Pedro Celis*  
PEDRO CELIS

DATE

DAVID G. CAMPBELL

DATE

F. SONER TEREK

~~QUENTIN J. CLARK~~

DATE

QUENTIN J. CLARK

8/19/03

DATE

*Norihiko Nori*  
ANIL K. NORI

DATE

SAMEET AGARWAL

DATE

J. PATRICK THOMPSON

8/19/03

DATE

*Pedro Celis*  
PEDRO CELIS

8/19/03

DATE

*David G. Campbell*  
DAVID G. CAMPBELL

DATE

F. SONER TEREK

DATE

~~QUENTIN J. CLARK~~

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ANIL K. NORI

DATE

SAMEET AGARWAL

DATE

J. PATRICK THOMPSON

DATE

PEDRO CELIS

DATE

DAVID G. CAMPBELL

DATE

August 20<sup>th</sup>, 2003

  
F. SONER TEREK