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10-12-1999

SHEET

U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office



101166128

To The Honorable Commissioner of Patents a

al documents or copy thereof.

1. Name of conveying parties:

William J. Bolosky John R. Douceur
Scott M. Cutshall Richard F. Rashid
Nathan P. Myhrvold David A. Goebel

Name: Microsoft Corporation

Internal Address: _____ 003 - 4

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

3. Nature of conveyance:

- Assignment Merger
- Security Agreement Change of Name
- Other _____

Street Address: One Microsoft Way

City: Redmond State: Washington Zip: 98052

Execution Dates: 8/1699, 8/16/99, 8/16/99, 8/18/99, 6/8/99, 6/14/99

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

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:

A. Patent Application No.(s)

09/354,624

B. Patent No.(s)

Additional numbers attached? Yes No

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

Name: Albert S. Michalik
Internal Address: 1590/MS 99762.1
Company Name: Michalik & Wylie, PLLC
Street Address: 14645 Bel-Red Road
Suite 103
City: Bellevue State: WA ZIP: 98007

6. Total number of applications and patents involved: 1

7. Total Fee (37 CFR 3.41)\$40.00

- Enclosed with filing fee
- Authorized to be charged to deposit account

8. Deposit account number:

500463

DO NOT USE THIS SPACE

01/05/1999 JSHABAZZ 00000015 500463 09354624

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.

Albert S. Michalik
Printed Name of Person Signing

Albert S. Michalik
Signature

Date: September 27, 1999

Total number of pages including cover sheet, attachments, and document: 5

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

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

ASSIGNMENT

WHEREAS, we, William J. Bolosky, John R. Douceur, Scott M. Cutshall, Richard F. Rashid, Nathan P. Myhrvold and David A. Goebel, (hereinafter referred to as ASSIGNORS), having post office addresses of 24622 S.E. Mirrormont Drive, Issaquah, Washington 98027, 14705 N.E. 16th Street, Bellevue, Washington 98007, 816 289th Avenue N.E., Carnation, Washington 98014, 16359 N.E. 50th Street, Redmond, Washington 98052, 3441 134th Avenue N.E., Bellevue, Washington 98005 and PO Box 23293, Seattle, Washington 98102, respectively, are the joint inventors of an invention entitled "**Single Instance Store for File Systems**," as described and claimed in the specification forming part of an application for United States letters patent as filed on July 16, 1999, and assigned Serial No. 09/354,624;

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 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 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.

In witness whereof, we have set our hands on the dates shown below.

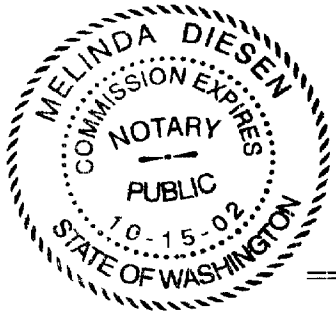
Date 8/16/99 William J. Bolosky
STATE OF Washington)
COUNTY OF King)

William J. Bolosky

) SS:
)

On this 16th day of August, 1999, before me, a Notary Public in and for said county, appeared William J. Bolosky, who is personally known to me to be the same person whose name is subscribed to the foregoing assignment document, and acknowledged that he signed and delivered the document as his free and voluntary act for the uses and purposes therein set forth.

{SEAL}



Melinda Diesen
Notary Public

My Commission Expires: 10/15/02

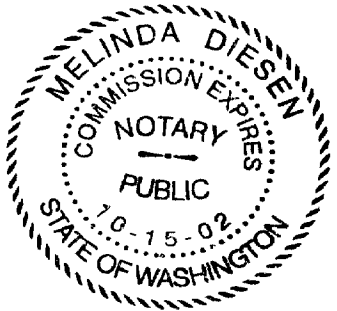
Date 8/16/99 John R. Douceur
STATE OF Washington)
COUNTY OF King)

John R. Douceur

) SS:
)

On this 16th day of August, 1999, before me, a Notary Public in and for said county, appeared John R. Douceur, who is personally known to me to be the same person whose name is subscribed to the foregoing assignment document, and acknowledged that he signed and delivered the document as his free and voluntary act for the uses and purposes therein set forth.

{SEAL}

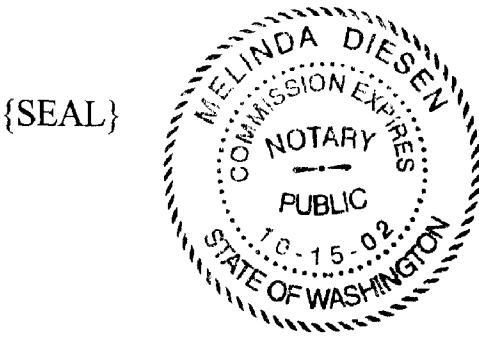


Melinda Diesen
Notary Public

My Commission Expires: 10/15/02

Date 8/16/99 Scott M. Cutshall
STATE OF Washington)
COUNTY OF King) SS:
)

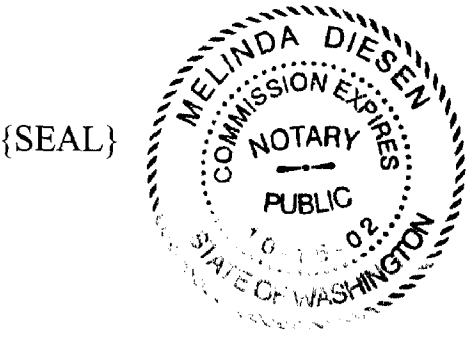
On this 16th day of August, 1999, before me, a Notary Public in and for said county, appeared Scott M. Cutshall, who is personally known to me to be the same person whose name is subscribed to the foregoing assignment document, and acknowledged that he signed and delivered the document as his free and voluntary act for the uses and purposes therein set forth.



Melinda Diesen
Notary Public
My Commission Expires: 10/15/02

Date 8/18/99 Richard F. Rashid
STATE OF Washington)
COUNTY OF King) SS:
)

On this 18th day of August, 1999, before me, a Notary Public in and for said county, appeared Richard F. Rashid, who is personally known to me to be the same person whose name is subscribed to the foregoing assignment document, and acknowledged that he signed and delivered the document as his free and voluntary act for the uses and purposes therein set forth.



Melinda Diesen
Notary Public
My Commission Expires: 10/15/02

Date 6/8/99

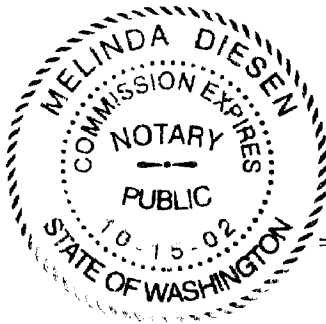
STATE OF Washington

COUNTY OF King

Nathan P. Myhrvold
Nathan P. Myhrvold
)
) SS.
)

On this 8th day of June, 1999, before me, a Notary Public in and for said county, appeared Nathan P. Myhrvold, who is personally known to me to be the same person whose name is subscribed to the foregoing assignment document, and acknowledged that he signed and delivered the document as his free and voluntary act for the uses and purposes therein set forth.

{SEAL}



Melinda Diesen
Notary Public

My Commission Expires: 10/15/02

Date 6/14/99

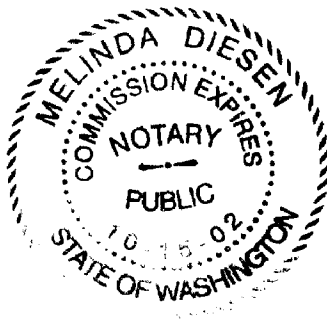
STATE OF WA

COUNTY OF King

David A. Goebel
David A. Goebel
)
) SS:
)

On this 14th day of June, 1999, before me, a Notary Public in and for said county, appeared David A. Goebel, who is personally known to me to be the same person whose name is subscribed to the foregoing assignment document, and acknowledged that he signed and delivered the document as his free and voluntary act for the uses and purposes therein set forth.

{SEAL}



Melinda Diesen
Notary Public

My Commission Expires: 10/15/02

1590 assignment