

08-21-2003

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(Rev. 03/01)

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RE



102531474

U.S. DEPARTMENT OF COMMERCE  
U.S. Patent and Trademark Office

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

## 1. Name of conveying party(ies):

John A. Banes  
Joseph M. Joy  
David R. Mowers  
Cem PayaAdditional name(s) of conveying party(ies) attached? ☒ Yes ☐ No

## 3. Nature of conveyance:

- ☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Other \_\_\_\_\_

Execution Date: 8/8/03; 8/11/03

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

Name: Microsoft Corporation

Internal Address: \_\_\_\_\_

Street Address: One Microsoft Way

City: Redmond State: WA Zip: 98052

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: 8/8/2003;

A. Patent Application No.(s)

B. Patent No.(s)

8/7/2003; 8/11/2003

Additional numbers attached? ☐ Yes ☒ No

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

Name: Keith W. Saunders, Reg. No. 41,462

Internal Address: Lee &amp; Hayes, PLLC

Street Address: 421 West Riverside Avenue

Suite 500

City: Spokane State: WA Zip: 99201

## 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

8. Deposit account number: 12-0769

(Attach duplicate copy of this page if paying by deposit account)

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.

Keith W. Saunders, Reg. No. 41,462

Name of Person Signing

*Keith W. Saunders*

Signature

8/12/03

Date

Total number of pages including cover sheet, attachments, and documents: 8

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

Mail Stop Assignment Recordation Services  
Alexandria, VA 22313-1450PATENT  
REEL: 014399 FRAME: 050803917 U.S. PTO  
10/639727

08/13/03

10639727

01 FC:0021 40.00 00/00/00 00/00/00 00/00/00 00/00/00 00/00/00 00/00/00 00/00/00 00/00/00

1. Name of conveying party (ies):

Feng Sun

Attorney Docket No. \_\_\_\_\_MS1-1471US\_\_\_\_\_  
MS Docket No. \_\_\_\_\_302923.1\_\_\_\_\_  
Serial No. (if known) \_\_\_\_\_

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Serial Number.....  
Filing Date ..... Executed Concurrently Herewith  
Inventorship ..... Banes et al.  
Applicant ..... Microsoft Corporation  
Attorney's Docket No. ....MS1-1471US  
MSDocket No..... 302923.1  
Title: Routing Hints

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

John A. Banes  
7606 128th Place NE  
Kirkland, WA 98033

Joseph M. Joy  
17219 NE 32nd Street  
Redmond, WA 98052

David R. Mowers  
1095 Sunrise Place SW  
Issaquah, WA 98027

Cem Paya  
11204 Ne 106th Pl  
Kirkland, WA 98033

Feng Sun  
25542 SE 41st Ct.  
Issaquah, WA 98029

**Assignee:**

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

**AGREEMENT**

Attorney Docket No. \_\_\_\_\_ MS1-1471US \_\_\_\_\_  
MS Docket No. \_\_\_\_\_ 302923.1 \_\_\_\_\_  
Serial No. (if known) \_\_\_\_\_

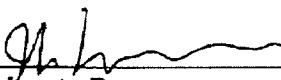
WHEREAS, ASSIGNOR(S) (listed above) are inventor(s) of an invention entitled "Routing Hints," as described and claimed in the specification forming part of an application for United States letters patent referenced above;

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;

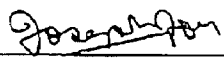
NOW, THEREFORE, in exchange for good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR(S) hereby sell, assign and transfer unto ASSIGNEE, the entire right, title and interest in and to said invention, said application and any and all letters patent which may be granted 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.

Attorney Docket No. \_\_\_\_\_MS1-1471US\_\_\_\_\_  
MS Docket No. \_\_\_\_\_302923.1\_\_\_\_\_  
Serial No. (if known) \_\_\_\_\_

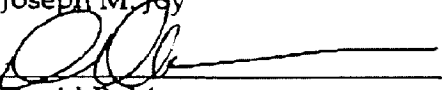
8/8/2003  
Date

  
John A. Banes

August 8<sup>th</sup>, 2003  
Date

  
Joseph M. Joy

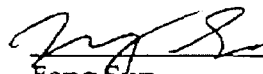
8/11/2003  
Date

  
David R. Mowers

\_\_\_\_\_  
Date

\_\_\_\_\_  
Cern Paya

8/11/2003  
Date

  
Feng Sun

Attorney Docket No. MS1-1471US  
MS Docket No. 302923.1  
Serial No. (if known)

# IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Serial Number .....  
Filing Date ..... Executed Concurrently Herewith  
Inventorship ..... Banes et al.  
Applicant ..... Microsoft Corporation  
Attorney's Docket No. .... MS1-1471US  
MS Docket No. .... 302923.1  
Title: Routing Hints

## PATENT ASSIGNMENT

### PARTIES TO THE ASSIGNMENT

#### Assignor(s):

John A. Banes  
7606 128th Place NE  
Kirkland, WA 98033

Joseph M. Joy  
17219 NE 32nd Street  
Redmond, WA 98052

David R. Mowers  
1095 Sunrise Place SW  
Issaquah, WA 98027

C.P. Cem Paya  
~~41204 NE 106th Pl~~ 3901 2ND AVE NE #203  
~~Kirkland, WA 98033~~ SEATTLE WA 98105

Feng Sun  
25542 SE 41st Ct.  
Issaquah, WA 98029

#### Assignee:

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

### AGREEMENT

Attorney Docket No. MSI-1471US  
MS Docket No. 502923.1  
Serial No. (if known)

WHEREAS, ASSIGNOR(S) (listed above) are inventor(s) of an invention entitled "Routing Hints," 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.

Attorney Docket No. MSI-14711/9  
MS Docket No. 302923.1  
Serial No. (if known) \_\_\_\_\_

\_\_\_\_\_  
Date

\_\_\_\_\_  
John A. Banes

\_\_\_\_\_  
Date

\_\_\_\_\_  
Joseph M. Joy

\_\_\_\_\_  
Date

\_\_\_\_\_  
David R. Mower

08.11.2003  
Date

  
\_\_\_\_\_  
Date

\_\_\_\_\_  
Date

\_\_\_\_\_  
Feng Sun