

12/28/00



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

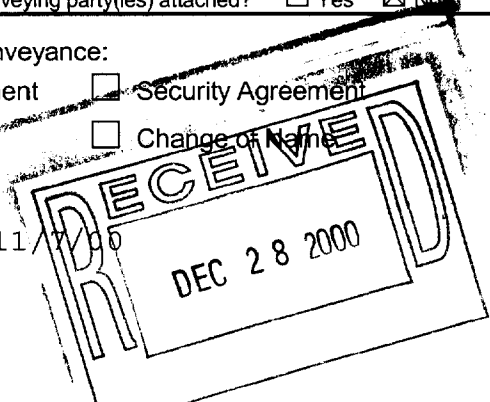
1. Name of Conveying Part(ies):  
Yong Rui

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

3. Nature of conveyance:

- Assignment  Security Agreement
- Merger  Change of Name
- Other

Execution Date: 11/17/00



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 names(s) & address(es) attached:  Yes  No

4. Application number(s) or patent number(s): 09/660,536

If this document is being filed together with a new application, the execution date of the application is

A. Patent Application No.(s):

Additional numbers attached:  Yes  No

B. Patent No.(s)

Additional numbers attached:  Yes  No

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

Name: Allan T. Sponseller

Internal Address: Lee & Hayes, PLLC

Street Address: 421 W. Riverside Ave  
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:

01/12/2001 DNGUYEN 00000202 09660536

01 FC:581

40.00 DP

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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.

Allan T. Sponseller  
Name of Person Signing

Signature

12/14/00  
Date

Mail documents to be recorded with required cover sheet information to:  
Commissioner of Patents & Trademarks, Box Assignments  
Washington, D.C. 20231

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

2 Serial Number.....09/660,536  
3 Filing Date .....9/13/00  
4 Inventorship ..... Rui  
Applicant ..... Microsoft Corporation  
Attorney's Docket No. .... MS1-610US  
5 Title: Improved Image Retrieval Based on Relevance Feedback

6 **PATENT ASSIGNMENT**

7 **PARTIES TO THE ASSIGNMENT**

8 **Assignor(s):**

9 Yong Rui  
2508 239th Place NE  
10 Redmond, WA 98053

11 **Assignee:**

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

15 **AGREEMENT**

16 WHEREAS, ASSIGNOR(S) (listed above) are inventor(s) of an invention  
17 entitled "Improved Image Retrieval Based on Relevance Feedback," as described  
18 and claimed in the specification forming part of an application for United States  
19 letters patent referenced above;

20 WHEREAS, Microsoft Corporation (hereinafter referred to as  
21 ASSIGNEE), a corporation of the State of Washington having a place of business  
22 at One Microsoft Way, Redmond, WA 98052, is desirous of acquiring the entire  
23 right, title and interest in and to the invention and in and to any letters patent that  
24 may be granted therefor in the United States and in any and all foreign countries;  
25

1 NOW, THEREFORE, in exchange for good and valuable consideration, the  
2 receipt of which is hereby acknowledged, ASSIGNOR(S) hereby sell, assign and  
3 transfer unto ASSIGNEE, the entire right, title and interest in and to said  
4 invention, said application and any and all letters patent which may be granted for  
5 said invention in the United States of America and its territorial possessions and in  
6 any and all foreign countries, and in any and all divisions, reissues and  
7 continuations thereof, including the right to file foreign applications directly in the  
8 name of ASSIGNEE and to claim priority rights deriving from said United States  
9 application to which said foreign applications are entitled by virtue of international  
10 convention, treaty or otherwise, said invention, application and all letters patent on  
11 said invention to be held and enjoyed by ASSIGNEE and its successors and  
12 assigns for their use and benefit and of their successors and assigns as fully and  
13 entirely as the same would have been held and enjoyed by ASSIGNOR(S) had this  
14 assignment, transfer and sale not been made. ASSIGNOR(S) hereby authorize  
15 and request the Commissioner of Patents and Trademarks to issue all letters patent  
16 on said invention to ASSIGNEE. ASSIGNOR(S) agree to execute all instruments  
17 and documents required for the making and prosecution of applications for United  
18 States and foreign letters patent on said invention, for litigation regarding said  
19 letters patent, or for the purpose of protecting title to said invention or letters  
20 patent therefor.

*Yong Rui*

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11/07/00

Date Yong Rui

State of Washington )  
  ) ss.  
County of King )

I certify that I know or have satisfactory evidence that Yong Rui is the person who appeared before me, and said person acknowledged that he or she signed this instrument and acknowledged it to be his or her free and voluntary act for the uses and purposes mentioned in the instrument.

Dated November 7, 2000

Signature of Notary Public *Linda Y. Johnson*

My appointment expires 3-13-2001

