

Form PTO-1595 (Rev. 07/05)  
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MS1 - 2881US

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

**1. Name of conveying party(ies)**  
 Qiong Yang 08/22/2006  
 Dian Gong 08/22/2006  
 Xiaouu Tang 08/28/2006  
 Additional name(s) of conveying party(ies) attached?  Yes  No

**2. Name and address of receiving party(ies)**  
 Name: Microsoft Corporation  
 Internal Address: \_\_\_\_\_  
 Street Address: One Microsoft Way  
 City: Redmond  
 State: WA  
 Country: \_\_\_\_\_ Zip: 98052  
 Additional name(s) & address(es) attached?  Yes  No

**3. Nature of conveyance/Execution Date(s):**  
 Execution Date(s) Listed in Box 1 above.  
 Assignment  Merger  
 Security Agreement  Change of Name  
 Joint Research Agreement  
 Government Interest Assignment  
 Executive Order 9424, Confirmatory License  
 Other \_\_\_\_\_

**4. Application or patent number(s):**  This document is being filed together with a new application.  
 A. Patent Application No. (s)  
 11/466,332 filed 8/22/2006  
 B. Patent No. (s)  
 Additional numbers attached?  Yes  No

**5. Name and address to whom correspondence concerning document should be mailed:**  
 Name: Lee & Hayes, PLLC  
 Internal Address: \_\_\_\_\_  
 Street Address: 421 W Riverside Ave Ste 500  
 City: Spokane  
 State: WA Zip: 99201  
 Phone Number: 509-324-9256  
 Fax Number: 509-323-8979  
 Email Address: \_\_\_\_\_

**6. Total number of applications and patents involved:** 1  
**7. Total fee (37 CFR 1.21(h) & 3.41)** \$ 40.00  
 Authorized to be charged by credit card  
 Authorized to be charged to deposit account  
 Enclosed  
 None required (government interest not affecting title)

**8. Payment Information**  
 a. Credit Card Last 4 Numbers 1059  
 Expiration Date 06/10  
 b. Deposit Account Number \_\_\_\_\_  
 Authorized User Name \_\_\_\_\_

**9. Signature:** Mark C. Farrell Signature 10-27-06 Date

Mark C. Farrell Name of Person Signing Reg # 45988 Total number of pages including cover sheet, attachments, and documents: 3

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to: Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

OP \$40.00 11466332

MS Docket No. 315252.02  
(OC Docket No. MS1-2881US)

**PATENT ASSIGNMENT**

I/WE, Qiong Yang, Dian Gong, Xiaou Tang, ("ASSIGNOR"), have invented subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "Modeling Micro-Structure For Feature Extraction" ("APPLICATION"), which:

will be filed without this executed PATENT ASSIGNMENT. ASSIGNOR hereby authorizes, and requests, ASSIGNEE'S legal representatives, of Lee & Hayes, PLLC, 421 W. Riverside Avenue, Suite 500, Spokane, Washington 99201, who are associated with customer number 22801, to insert here in parenthesis (U.S. Serial No. 11/466,332 filed 10/14/06) this APPLICATION's U.S. Serial Number and filing date, when known;

- was filed on \_\_\_\_\_ and was given U.S. Serial No. \_\_\_\_\_;
- is filed concurrently herewith;

Microsoft Corporation, a Washington Corporation, on behalf of itself and its successors and assigns ("ASSIGNEE"), is entitled to, and is desirous of acquiring, the entire and exclusive rights, title and interest in the INVENTION and the APPLICATION (and all other applications and patents derived therefrom, such as continuing applications, in and for the United States, its territories, and all foreign countries ("APPLICATION DERIVATIVES"));

For good and valuable consideration, the receipt of which is hereby acknowledged by the ASSIGNOR, the ASSIGNOR hereby sells, assigns and transfers to the ASSIGNEE, the entire and exclusive rights, title and interest in the INVENTION and the APPLICATION (and APPLICATION DERIVATIVES);

ASSIGNOR agrees to execute all instruments and documents required for the making and prosecution of the APPLICATION (and APPLICATION DERIVATIVES), for litigation regarding letters patent derived therefrom, and for the purpose of protecting and perfecting title to the APPLICATION (and APPLICATION DERIVATIVES).

\_\_\_\_\_  
DATE Aug 22, 2006

\_\_\_\_\_  
Qiong Yang

\_\_\_\_\_  
DATE Aug 22, 2006

\_\_\_\_\_  
Dian Gong

\_\_\_\_\_  
DATE Aug 28, 2006

\_\_\_\_\_  
Xiaou Tang