Form PTO-1595 (R / 0.09/04) OMB No. 0651-0027 (exp. 6/30/2005)	3-2006 U.S. Department of COMMER
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1. Name of conveying party(ies)/Exception Date(s): Zheng Chen Lei Li Chenxi Lin Qiaoling Liu Jian Wang Benyu Zhang Execution Date(s) March 28, 2006 Additional name of conveying party(ies) attached? □ Yes ⊠ No 3. Nature of conveyance: ☑ Assignment □ Merger □ Security Agreement □ Change of Name □ Government Interest Assignment	2. Name and address of receiving party(ies) Name: Microsoft Corporation Internal Address: Street Address: City: Redmond State Washington Country: USA Zip: 98052 Additional Name(s) & address(es) attached? □ Yes ⊠ No
 Executive Order 9424, Confirmatory License Other 	Additional Name(s) & address(es) attached? Yes X No
A. Patent Application No.(s) 11/392,640 Additional numbers atta	B. Patent No.(s) ached? □ Yes ⊠ No
11/392,640	B. Patent No.(s)
11/392,640 Additional numbers attained 5. Name and address of party to whom correspondence	B. Patent No.(s) ached? □ Yes ⊠ No
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11/392,640 Additional numbers atta 5. Name and address of party to whom correspondence concerning this document should be mailed: Name	B. Patent No.(s) ached? Yes ⊠ No
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Additional numbers atta Additional numbers atta 5. Name and address of party to whom correspondence concerning this document should be mailed: Name Banner & Witcoff, LTD	B. Patent No.(s) ached? □ Yes ⊠ No 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 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 Expiration Date b. Deposit Account Number 19-0733
11/392,640 Additional numbers atta 5. Name and address of party to whom correspondence concerning this document should be mailed: Name Banner & Witcoff, LTD Internal Address: 0000020a 190733 11392640 21 40.00 DA Street Address: 1001 G Street, NW City: Washington State; D.C. Zip: 20001-4597 Phone Number : 202-824-3000 Fax Number: 202-824-3001 Email Address;	ached? Yes No 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 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 Expiration Date b. Deposit Account Number 19-0733 Authorized User Name Chunhsi Andy Mu

Mail Stop Assignment Recorded including cover sneet) should be faxed to (703) 306-5995, or mailed to: Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

> PATENT REEL: 017850 FRAME: 0863

PATENT ASSIGNMENT

WE, Zheng Chen, Lei Li, Chenxi Lin, Qiaoling Liu, Jian Wang and Benyu Zhang ("ASSIGNOR"), have invented subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "SYSTEM AND METHOD FOR EXPLORING A SEMANTIC FILE NETWORK" ("APPLICATION"), which:

will be filed without this executed PATENT ASSIGNMENT. ASSIGNOR hereby authorizes, and requests, ASSIGNEE'S legal representatives, of Banner & Witcoff, LTD., 1001 G Street NW, Eleventh Floor, Washington, DC 20001-4597, who are associated with customer number 28319, to insert here in parenthesis (U.S. Serial No. <u>11/392640</u>, filed <u>3/30/06</u>) this APPLICATION's U.S. Serial Number and filing date, when known;



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).

Zheng Chen

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DATE

Lei Li

Mar 18, Lott

DATE

Qiaoling Liu

DATE

Jian Wang

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Page 1 of 1

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DATE	Zheng Chen
Mar 28, 2006 DATE	Lei Li Lei Li
DATE	Chenxi Lin
Mar 28, 2006 DATE	Qiaoling Lin Qiaoling Liu
2/30/2006 DATE	Jian Wang
DATE	Benyu Zhang
	Page 1 of 1

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RECORDED: 05/03/2006