

PATENT ASSIGNMENT

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NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Tie-Yan Liu	05/09/2006
Wei-Ying Ma	05/11/2006
RECEIVING PARTY DATA	
Name:	Microsoft Corporation
Street Address:	One Microsoft Way
City:	Redmond
State/Country:	WASHINGTON
Postal Code:	98052
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	11375611
CORRESPONDENCE DATA	
Fax Number:	(206)359-4857
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
Phone:	2063593857
Email:	kfletcher@perkinscoie.com
Correspondent Name:	Karin Fletcher
Address Line 1:	PO Box 1247
Address Line 2:	SEA-PAT
Address Line 4:	Seattle, WASHINGTON 98111-1247
ATTORNEY DOCKET NUMBER:	418268308US
NAME OF SUBMITTER:	Maurice J. Pirio
Total Attachments: 1 source=11375611 Assignment#page1.tif	

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PATENT ASSIGNMENT

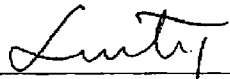
I/WE, Tie-Yan Liu, residing at Beijing, China, with a post office address of c/o Microsoft Corporation, One Microsoft Way, Redmond, Washington 98052 and Wei-Ying Ma, residing at Beijing, China, with a post office address of c/o Microsoft Corporation, One Microsoft Way, Redmond, Washington 98052 ("ASSIGNOR"), have invented subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "CALCULATING WEB PAGE IMPORTANCE BASED ON A CONDITIONAL MARKOV RANDOM WALK" ("APPLICATION"), which:

- will be filed without this executed PATENT ASSIGNMENT. ASSIGNOR hereby authorizes, and requests, ASSIGNEE'S legal representatives, Perkins Coie LLP, P.O. Box 1247, Seattle, WA 98111-1247, who are associated with customer number 45979, to insert here in parenthesis (U.S. Serial No.: _____, filed _____) this APPLICATION's U.S. Serial Number and filing date, when known;
- was filed on March 13, 2006 and was given U.S. Serial No. 11/375,611;
- is filed concurrently herewith;

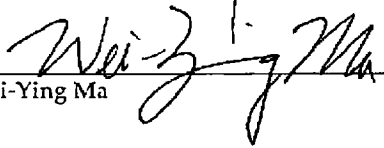
Microsoft Corporation, a Washington Corporation, on behalf of itself and its successors and assigns ("ASSIGNEE"), is entitled to, and is desirous of acquiring, the entire and exclusive rights, title and interest in the INVENTION and the APPLICATION (and all other applications and patents derived therefrom, 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).



Tie-Yan Liu



Wei-Ying Ma

2006-5-9

Date

5/11/2006

Date