

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>Ji-Rong Wen</td><td>08/28/2006</td></tr><tr><td>Wei-Ying Ma</td><td>08/28/2006</td></tr><tr><td>Zaiqing Nie</td><td>08/28/2006</td></tr><tr><td>Jun Zhu</td><td>08/28/2006</td></tr></tbody></table>	Name	Execution Date	Ji-Rong Wen	08/28/2006	Wei-Ying Ma	08/28/2006	Zaiqing Nie	08/28/2006	Jun Zhu	08/28/2006	
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Jun Zhu	08/28/2006										
RECEIVING PARTY DATA											
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City:	Redmond										
State/Country:	WASHINGTON										
Postal Code:	98052										
PROPERTY NUMBERS Total: 1											
<table border="1"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Application Number:</td><td>11461400</td></tr></tbody></table>	Property Type	Number	Application Number:	11461400							
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Application Number:	11461400										
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PATENT
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PATENT ASSIGNMENT

I/WE, Ji-Rong Wen, residing at Beijing, China, with a post office address of c/o Microsoft Corporation, One Microsoft Way, Redmond, Washington 98052, Wei-Ying Ma, residing at Beijing, China, with a post office address of c/o Microsoft Corporation, One Microsoft Way, Redmond, Washington 98052, Zaiqing Nie, residing at Beijing, China, with a post office address of c/o Microsoft Corporation, One Microsoft Way, Redmond, Washington 98052 and Jun Zhu, 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 "HIERARCHICAL CONDITIONAL RANDOM FIELDS FOR WEB EXTRACTION" ("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 July 31, 2006 and was given U.S. Serial No. 11/461,400;

☐ 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).

Ji-Rong Wen
Ji-Rong Wen

8/28/2006
Date

Wei-Ying Ma
Wei-Ying Ma

8/28/2006
Date

Zaiqing Nie
Zaiqing Nie

8/28/2006
Date

Jun Zhu
Jun Zhu

8/28/2006
Date