

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>Ning Liu</td><td>08/20/2007</td></tr><tr><td>Jun Yan</td><td>08/20/2007</td></tr><tr><td>Benyu Zhang</td><td>08/20/2007</td></tr><tr><td>Zheng Chen</td><td>08/20/2007</td></tr><tr><td>Jian Wang</td><td>08/21/2007</td></tr></tbody></table>	Name	Execution Date	Ning Liu	08/20/2007	Jun Yan	08/20/2007	Benyu Zhang	08/20/2007	Zheng Chen	08/20/2007	Jian Wang	08/21/2007	
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RECEIVING PARTY DATA													
Name:	Microsoft Corporation												
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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>11770385</td></tr></tbody></table>	Property Type	Number	Application Number:	11770385									
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Application Number:	11770385												
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PATENT
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Attorney Docket No. 418268429US1
MS Docket No. 321517.01

PATENT ASSIGNMENT

I/WE, Ning Liu, residing at Beijing, China, with a post office address of c/o Microsoft Corporation, One Microsoft Way, Redmond, Washington 98052, Jun Yan, residing at Beijing, China, with a post office address of c/o Microsoft Corporation, One Microsoft Way, Redmond, Washington 98052, Benyu Zhang, residing at Beijing, China, with a post office address of c/o Microsoft Corporation, One Microsoft Way, Redmond, Washington 98052, Zheng Chen residing at Beijing, China, with a post office address of c/o Microsoft Corporation, One Microsoft Way, Redmond, Washington 98052 and Jian Wang 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 "FORECASTING TIME-DEPENDENT SEARCH QUERIES" ("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 June 28, 2007 and was given U.S. Serial No. 11/770,385 ;
- ☐ 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).

Ning Liu
Ning Liu

Jun Yan
Jun Yan

Benyu Zhang
Benyu Zhang

2007-8-20
Date

2007-8-20
Date

2007-8-20
Date

Attorney Docket No. 418268429US1
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Zheng Chen
Zheng Chen
Jian Wang
Jian Wang

8/20/07
Date
8/21/07
Date