

## 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>Xiaohua Liu</td><td>01/19/2009</td></tr><tr><td>Ming Zhou</td><td>01/19/2009</td></tr><tr><td>Hao Wei</td><td>01/12/2009</td></tr><tr><td>Jing Zhao</td><td>01/12/2009</td></tr><tr><td>Matthew R. Scott</td><td>01/12/2009</td></tr><tr><td>Long Jiang</td><td>01/12/2009</td></tr><tr><td>Gang Chen</td><td>01/12/2009</td></tr></tbody></table>	Name	Execution Date	Xiaohua Liu	01/19/2009	Ming Zhou	01/19/2009	Hao Wei	01/12/2009	Jing Zhao	01/12/2009	Matthew R. Scott	01/12/2009	Long Jiang	01/12/2009	Gang Chen	01/12/2009	
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RECEIVING PARTY DATA																	
Name:	Microsoft Corporation																
Street Address:	One Microsoft Way																
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>12362428</td></tr></tbody></table>	Property Type	Number	Application Number:	12362428													
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CORRESPONDENCE DATA																	
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NAME OF SUBMITTER:	Maurice J. Pirio																

OP \$40.00 12362428

PATENT

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**Total Attachments: 4**

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I/WE, Xiaohua Liu, residing at Beijing, China, with a post office address of c/o Microsoft Corporation, One Microsoft Way, Redmond, Washington 98052, Ming Zhou, residing at Beijing, China, with a post office address of c/o Microsoft Corporation, One Microsoft Way, Redmond, Washington 98052, Hao Wei, residing at Beijing, China, with a post office address of c/o Microsoft Corporation, One Microsoft Way, Redmond, Washington 98052, Jing Zhao, residing at Beijing, China, with a post office address of c/o Microsoft Corporation, One Microsoft Way, Redmond, Washington 98052, Matthew R. Scott, residing at Beijing, China, with a post office address of c/o Microsoft Corporation, One Microsoft Way, Redmond, Washington 98052, Long Jiang, residing at Beijing, China, with a post office address of c/o Microsoft Corporation, One Microsoft Way, Redmond, Washington 98052, and Gang Chen, 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 "RETRIEVAL USING A GENERALIZED SENTENCE COLLOCATION" ("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 (Application No.: \_\_\_\_\_, filed \_\_\_\_\_) this APPLICATION's U.S. Serial Number and filing date, when known;
- ☐ was filed on Concurrently Herewith 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).

Xiaohua Liu:

Xiaohua Liu

Inventor's Signature

Jan. 19th. 2009

Date

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Ming Zhou:

M. Zhou

Inventor's Signature

Jan. 19th, 2009

Date

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Hao Wei:

Hao Wei

Inventor's Signature

Jan. 12th 2009

Date

Hao Wei

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Printed Name in Native Language (if  
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**PATENT ASSIGNMENT**

MS Docket No.: 325864.02  
(OC Docket No. 418268513US1)

**Jing Zhao:**

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Inventor's Signature

Jan 12th 2009  
Date

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**Matthew R. Scott:**

  
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Date

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other than English)

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Long Jiang  
Inventor's Signature

Jan. 12th. 2009  
Date

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Printed Name in Native Language (if  
other than English)

PATENT ASSIGNMENT

MS Docket No.: 325864.02  
(OC Docket No. 41 8268513US1)

Gang Chen:

[Signature]  
Inventor's Signature

2-04-2007  
Date

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Printed Name in Native Language (if  
other than English)