

**PATENT ASSIGNMENT**

Electronic Version v1.1  
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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT																
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT																
<b>CONVEYING PARTY DATA</b>																	
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:70%;">Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Chenxi Lin</td> <td>03/29/2006</td> </tr> <tr> <td>Jie Han</td> <td>03/29/2006</td> </tr> <tr> <td>Guirong Xue</td> <td>03/29/2006</td> </tr> <tr> <td>Zheng Chen</td> <td>03/29/2006</td> </tr> <tr> <td>Jian Wang</td> <td>03/30/2006</td> </tr> <tr> <td>Hua-Jun Zeng</td> <td>03/29/2006</td> </tr> <tr> <td>Benyu Zhang</td> <td>03/29/2006</td> </tr> </tbody> </table>		Name	Execution Date	Chenxi Lin	03/29/2006	Jie Han	03/29/2006	Guirong Xue	03/29/2006	Zheng Chen	03/29/2006	Jian Wang	03/30/2006	Hua-Jun Zeng	03/29/2006	Benyu Zhang	03/29/2006
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<b>RECEIVING PARTY DATA</b>																	
<b>Name:</b>	Microsoft Corporation																
<b>Street Address:</b>	One Microsoft Way																
<b>City:</b>	Redmond																
<b>State/Country:</b>	WASHINGTON																
<b>Postal Code:</b>	98052																
<b>PROPERTY NUMBERS Total: 1</b>																	
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:30%;">Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>11392763</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	11392763												
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<b>CORRESPONDENCE DATA</b>																	
<b>Fax Number:</b>	(202)824-3001																
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>																	
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<b>ATTORNEY DOCKET NUMBER:</b>	003797.01800																

CH \$40.00 11392763

**PATENT**

**500098867**

**REEL: 017544 FRAME: 0705**

NAME OF SUBMITTER:

Jordan N. Bodner

Total Attachments: 2

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**PATENT ASSIGNMENT**

WE, Chenxi LIN, Jie HAN, Guirong XUE, Hua-Jun ZENG, Benyu ZHANG, Zheng CHEN, and Jian WANG ("ASSIGNOR"), have invented subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "SCALABLE PROBABILISTIC LATENT SEMANTIC ANALYSIS" ("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. 11/392,763, filed March 30, 2006) this APPLICATION's U.S. Serial Number and filing date, when known;
- was filed on \_\_\_\_\_ 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).

Mar 29 2006  
DATE

Chenxi Lin  
Chenxi LIN

3.29 / 2006  
DATE

Jie Han  
Jie HAN

3/29/06  
DATE

Guirong Xue  
Guirong XUE

Mar. 29, 2006  
DATE

Hua-Jun Zeng  
Hua-Jun ZENG

3.29. 2006  
DATE

Benyu Zhang  
Benyu ZHANG

7/29/06  
DATE

3/30/06  
DATE

Zheng Chen  
Zheng CHEN

Jian Wang  
Jian WANG