

**PATENT ASSIGNMENT**

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
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Frank Kao-ping Soong	08/10/2006
Jian-lai Zhou	08/14/2006
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<b>Property Type</b>	<b>Number</b>
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**PATENT ASSIGNMENT**

We, Yu SHI, Frank Kao-ping Soong and Jian-lai Zhou (each "ASSIGNOR"), have invented subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "AUTO SEGMENTATION BASED PARTITIONING AND CLUSTERING APPROACH TO ROBUST ENDPOINTING" ("APPLICATION"), which:

- will be filed without this executed PATENT ASSIGNMENT. ASSIGNOR hereby authorizes, and requests, ASSIGNEE'S legal representatives, of Westman Champlin & Kelly P.A., 900 Second Ave. S., Suite 1400, Minneapolis, MN 55402-3319, who are associated with customer number 27366, to insert here in parenthesis (U.S. Serial No. 11/504,280, filed August 15, 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).

2006.8.10  
DATE

Yu SHI  
Yu SHI

2006, 8, 10

DATE

  
Frank Kao-ping Soong

2006-08-14  
DATE

Jianlai Zhou  
Jian-lai Zhou