

**PATENT ASSIGNMENT**

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
Qin Li	01/12/2006
Chao He	01/12/2006
Wei-Ge Chen	01/13/2006
Mu Han	03/27/2006
<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>	
<b>Property Type</b>	<b>Number</b>
Application Number:	11332500
<b>CORRESPONDENCE DATA</b>	
Fax Number:	(503)595-5301
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
Phone:	503-595-5300
Email:	leslie.mullican@klarquist.com
Correspondent Name:	Stephen A. Wight
Address Line 1:	One World Trade Center
Address Line 2:	121 SW Salmon Street, #1600
Address Line 4:	Portland, OREGON 97204
ATTORNEY DOCKET NUMBER:	3382-72062-01
NAME OF SUBMITTER:	Stephen A. Wight

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Total Attachments: 3

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**PATENT ASSIGNMENT**

We, Qin Li, Chao He, Wei-Ge Chen and Mu Han, ("ASSIGNOR"), have invented subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "SELECTIVE GLITCH DETECTION, CLOCK DRIFT COMPENSATION, AND ANTI-CLIPPING IN AUDIO ECHO CANCELLATION" ("APPLICATION"), which:

will be filed without this executed PATENT ASSIGNMENT. ASSIGNOR hereby authorizes, and requests, ASSIGNEE'S legal representatives, of Klarquist Sparkman, LLP, 121 S.W. Salmon Street, Suite 1600, Portland, OR 97204, who are associated with customer number 26119, to insert here in parenthesis (U.S. Serial No. 11/332,500 filed 1-13-06) 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).

Jan 12, 2006  
DATE

  
Qin Li

Jan 12, 2006  
DATE

  
Chao He

Jan 13, 2006  
DATE

  
Wei-Ge Chen

\_\_\_\_\_  
DATE

\_\_\_\_\_  
Mu Han

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\_\_\_\_\_  
DATE

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Qin Li

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DATE

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Chao He

\_\_\_\_\_  
DATE

\_\_\_\_\_  
Wei-Ge Chen

MS Docket No. 314980.01  
(OC Docket No. 3382-72062-01)

3/27/06  
DATE

*Mu Han*  
Mu Han