

**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>
Christopher Messer	10/17/2005
Naveen Thumpudi	10/17/2005
Raymond Cheng	10/17/2005
Serge Smirnov	10/17/2005
Wei-ge Chen	10/19/2005
Timothy Onders	10/19/2005
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City:	Redmond
State/Country:	WASHINGTON
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<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	11114873
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NAME OF SUBMITTER:	Steven Spellman

CH \$40.00 11114873

Total Attachments: 1  
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MS Docket No. 310381.01

**PATENT ASSIGNMENT**

WE, Christopher Messer, Naveen Thumpudi, Raymond Cheng, Serge Smirnov, Wei-ge Chen, Timothy Onders ("ASSIGNOR"), have invented subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "DIGITAL AUDIO PROCESSING" ("APPLICATION"), which:

will be filed without this executed PATENT ASSIGNMENT. ASSIGNOR hereby authorizes, and requests, ASSIGNEE'S legal representatives, of the Law and Corporate Affairs Department, Microsoft Corporation, One Microsoft Way, Redmond, Washington 98052, who are associated with customer number 22971, to insert here in parenthesis (Application No. 11/14,873, filed 4/25/05) this APPLICATION's Application No. and filing date, when known;

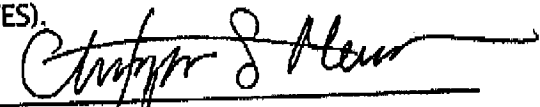
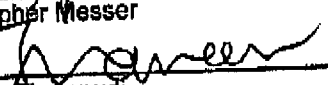
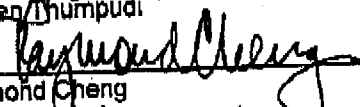



was filed on \_\_\_\_\_ and was given Application No. \_\_\_\_\_;  
 is filed concurrently herewith;

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).

DATE 10/17/05  
DATE 10/17/2005  
DATE Oct 17, 2005  
DATE 10/17/05  
DATE 10/19/2005  
DATE 10/19/2005

  
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Christopher Messer  
  
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Naveen Thumpudi  
  
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