

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>Todd Bowra</td><td>02/07/2007</td></tr><tr><td>Nicholas Fang</td><td>02/07/2007</td></tr><tr><td>Ashley Speicher</td><td>02/08/2007</td></tr></tbody></table>	Name	Execution Date	Todd Bowra	02/07/2007	Nicholas Fang	02/07/2007	Ashley Speicher	02/08/2007	
Name	Execution Date								
Todd Bowra	02/07/2007								
Nicholas Fang	02/07/2007								
Ashley Speicher	02/08/2007								
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>11706126</td></tr></tbody></table>	Property Type	Number	Application Number:	11706126					
Property Type	Number								
Application Number:	11706126								
CORRESPONDENCE DATA									
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ATTORNEY DOCKET NUMBER:	318323.01								
NAME OF SUBMITTER:	Steven Spellman								
Total Attachments: 2 source=MS 318323.01 Executed Assignment#page1.tif source=MS 318323.01 Executed Assignment#page2.tif									

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PATENT

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MS Docket No. 318323.01

PATENT ASSIGNMENT

I/WE, Todd BOWRA, Nicholas FANG, Ashley SPEICHER ("ASSIGNOR"), have invented subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "ADAPTIVE BANDWIDTH UTILIZATION" ("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. 11/706,126, filed Feb 14, 07) this APPLICATION's Application No. and filing date, when known;

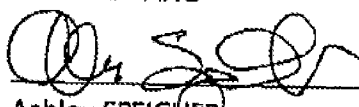
☐ was filed on _____ and was given Application No. _____;

☐ 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_____
Todd BOWRA_____
Date_____
Nicholas FANG2/8/07
Date

Ashley SPEICHER

MS Docket No. 318323.01

PATENT ASSIGNMENT

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- ☐ was filed on _____ and was given Application No. _____;
- ☐ is filed concurrently herewith;

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2/7/2007
Date

Todd Bowra
Todd BOWRA

2/7/07
Date

Nicholas Fang
Nicholas FANG

Date

Ashley SPEICHER