

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

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>Tom W. Holcomb</td><td>05/06/2008</td></tr><tr><td>Sanjeev Mehrotra</td><td>05/05/2008</td></tr><tr><td>Sergey Smirnov</td><td>05/06/2008</td></tr><tr><td>Bharath Siravara</td><td>06/02/2008</td></tr></tbody></table>	Name	Execution Date	Tom W. Holcomb	05/06/2008	Sanjeev Mehrotra	05/05/2008	Sergey Smirnov	05/06/2008	Bharath Siravara	06/02/2008	
Name	Execution Date										
Tom W. Holcomb	05/06/2008										
Sanjeev Mehrotra	05/05/2008										
Sergey Smirnov	05/06/2008										
Bharath Siravara	06/02/2008										
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>12116878</td></tr></tbody></table>	Property Type	Number	Application Number:	12116878							
Property Type	Number										
Application Number:	12116878										
CORRESPONDENCE DATA											
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:	valerie.sullivan@klarquist.com										
Correspondent Name:	Stephen A. Wight, Klarquist Sparkman LLP										
Address Line 1:	One World Trade Center, Suite 1600										
Address Line 2:	121 SW Salmon St.										
Address Line 4:	Portland, OREGON 97204										
ATTORNEY DOCKET NUMBER:	3382-80753-01										
NAME OF SUBMITTER:	Stephen A. Wight										
Total Attachments: 5											

CH \$40.00 12116878

500557721

PATENT
REEL: 021045 FRAME: 0501

source=80753-01_Assignment#page1.tif
source=80753-01_Assignment#page2.tif
source=80753-01_Assignment#page3.tif
source=80753-01_Assignment#page4.tif
source=80753-01_Assignment#page5.tif

PATENT ASSIGNMENT

We, Thomas W. Holcomb, Sanjeev Mehrotra, Serge Smirnov and Bharath Siravara ("ASSIGNOR"), have invented subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "ENCODING STREAMING MEDIA AS A HIGH BIT RATE LAYER, A LOW BIT RATE LAYER, AND ONE OR MORE INTERMEDIATE BIT RATE LAYERS" ("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. 12/116,878, filed May 7, 2008) this APPLICATION'S U.S. Serial Number and filing date, when known;

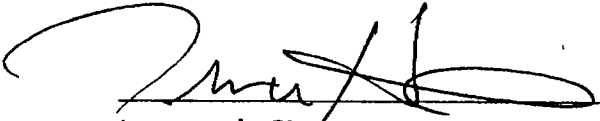
☐ was filed on _____ and was given U.S. Serial No. _____;

☐ 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).


Inventor's Signature
for Thomas W. Holcomb

Date

5-6-08

Printed Name in Native Language

Tom W Holcomb

Inventor's Signature
for Sanjeev Mehrotra

Date

Printed Name in Native Language

PATENT ASSIGNMENT

We, Thomas W. Holcomb, Sanjeev Mehrotra, Serge Smirnov and Bharath Siravara ("ASSIGNOR"), have invented subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "ENCODING STREAMING MEDIA AS A HIGH BIT RATE LAYER, A LOW BIT RATE LAYER, AND ONE OR MORE INTERMEDIATE BIT RATE LAYERS" ("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. 12/116,878, filed May 7, 2008) 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"));

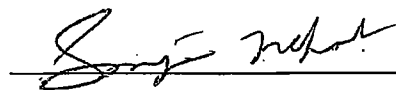
For good and valuable consideration, the receipt of which is hereby acknowledged by the ASSIGNOR, the ASSIGNOR hereby sells, assigns and transfers to the ASSIGNEE, the entire and exclusive rights, title and interest in the INVENTION and the APPLICATION (and APPLICATION DERIVATIVES);

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).

Inventor's Signature
for Thomas W. Holcomb

Date

Printed Name in Native Language



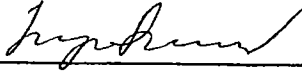
5/5/2008

SANJEEV MEHROTRA

Inventor's Signature
for Sanjeev Mehrotra

Date

Printed Name in Native Language

	May 6, 2008	СЕРГЕЙ СМІРНОВ SERGEY SMIRNOV
Inventor's Signature for Serge Smirnov	Date	Printed Name in Native Language

Inventor's Signature for Bharath Siravara	Date	Printed Name in Native Language

PATENT ASSIGNMENT

We, Thomas W. Holcomb, Sanjeev Mehrotra, Serge Smirnov and Bharath Siravara ("ASSIGNOR"), have invented subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "ENCODING STREAMING MEDIA AS A HIGH BIT RATE LAYER, A LOW BIT RATE LAYER, AND ONE OR MORE INTERMEDIATE BIT RATE LAYERS" ("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. _____, filed _____) this APPLICATION'S U.S. Serial Number and filing date, when known;
- ☒ was filed on May 7, 2008 and was given U.S. Serial No. 12/116,878;
- ☐ 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).

Inventor's Signature
for Thomas W. Holcomb

Date

Printed Name in Native Language

Inventor's Signature
for Sanjeev Mehrotra

Date

Printed Name in Native Language

Inventor's Signature
for Serge Smirnov

Date

Printed Name in Native Language



6/2/2008

BHARATH SIRAVARA

Inventor's Signature
for Bharath Siravara

Date

Printed Name in Native Language