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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

## **CONVEYING PARTY DATA**

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

Property Type	Number
Application Number:	12116878

#### **CORRESPONDENCE DATA**

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Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

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** 

PATENT REEL: 021045 FRAME: 0501

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> PATENT REEL: 021045 FRAME: 0502

We, Thomas W. Holcomb, Sanjeev	Mehrotra, Serge Smirnov and Bharath Siravara
("ASSIGNOR"), have invented subject matt	er ("INVENTION") disclosed and/or claimed in
a patent application entitled "ENCODING :	TREAMING 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
	requests, ASSIGNEE'S legal representatives, of
Klarquist Sparkman, LLF	121 S.W. Salmon Street, Suite 1600,
Portland, OR 97204, wh	are associated with customer number
26119, to insert here in	parenthesis (U.S. Serlal No. <u>12/116,878</u> ,
filed May 7, 2008	this APPLICATION'S U.S. Serial Number
and filing date, when kr	pwn;
was filed on	and was given U.S. Serial No;
is filed concurrently her	
Microsoft Corporation, a Washingto	n Corporation, on behalf of itself and its
	titled to, and is desirous of acquiring, the
	st in the INVENTION and the APPLICATION
(and all other applications and patents de	16
applications, in and for the United States,	,
("APPLICATION DERIVATIVES"));	_
For good and valuable consideration	n, the receipt of which is hereby
acknowledged by the ASSIGNOR, the ASSI	GNOR hereby sells, assigns and transfers to
	hts, title and interest in the INVENTION and
the APPLICATION (and APPLICATION DERI	VATIVES);
ASSIGNOR agrees to execute all ins	truments and documents required for the
making and prosecution of the APPLICATI	ON (and APPLICATION DERIVATIVES), for
litigation regarding letters patent derived	therefrom, and for the purpose of protecting
and perfecting title to the APPLICATION (a	nd APPLICATION DERIVATIVES).
Mu 5-6	08 Tom w Holcomb
Inventor's Signature Date	Printed Name in Native Language
for Thomas W. Holcomb	
Inventor's Signature Date	Printed Name in Native Language
for Sanjeev Mehrotra	

Page 1 of 2

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	- · · <del>-</del> · ·	NVENTION") disclosed and/or claimed in
and the second s		AMING MEDIA AS A HIGH BIT RATE
1	K, AND ONE OK	MORE INTERMEDIATE BIT RATE LAYERS"
("APPLICATION"), which:		
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· ·		ests, ASSIGNEE'S legal representatives, of I S.W. Salmon Street, Suite 1600,
		e associated with customer number
		enthesis (U.S. Serial No. <u>12/116,878</u> ,
		his APPLICATION'S U.S. Serial Number
	late, when known	
		was given U.S. Serial No;
	currently herewith	
		orporation, on behalf of itself and its
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The state of the s		n the INVENTION and the APPLICATION
<del>-</del>	• •	therefrom, such as continuing
		erritories, and all foreign countries
("APPLICATION DERIVATIVES"		
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		title and interest in the INVENTION and
the APPLICATION (and APPLIC	_	
		nents and documents required for the
•		and APPLICATION DERIVATIVES), for
<u> </u>		efrom, and for the purpose of protecting
and perfecting title to the AF		
and perfecting the to the 7th	TEICHTON (and )	· ·
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Inventor's Signature	Date	Printed Name in Native Language
for Thomas W. Holcomb	-	· · · · · · · · · · · · · · · · · · ·
		_
Song July	5/5/20	08 SANJEEV MEHROTR
Inventor's Signature	Date	Printed Name in Native Language

Page 1 of 2

for Sanjeev Mehrotra

MS Docket No. 323544.01 (OC Docket No. 3382-80753-01)

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

Page 2 of 2

We, Thomas W. Holcomb, Sanjeev Mehrotra, Serge Smirnov and Bharath Sirava ("ASSIGNOR"), have invented subject matter ("INVENTION") disclosed and/or claimed a patent application entitled "ENCODING STREAMING MEDIA AS A HIGH BIT RATE									
							LAYER, A LOW BIT RATE LAY	ER, AND ONE OR	MORE INTERMEDIATE BIT RATE LAYERS"
("APPLICATION"), which:									
<del></del>		ecuted PATENT ASSIGNMENT. ASSIGNOR							
	thorizes, and requests, ASSIGNEE'S legal representatives, of Sparkman, LLP, 121 S.W. Salmon Street, Suite 1600,								
Portland, (	OR 97204, who a	re associated with customer number							
26119, to	insert here in par	renthesis (U.S. Serial No,							
filed	)	this APPLICATION'S U.S. Serial Number							
and filing	date, when know	n;							
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 a	nd patents derive	d therefrom, such as continuing
							applications, in and for the I	United States, its	territories, and all foreign countries
("APPLICATION DERIVATIVES	"));								
For good and valuable	e consideration, t	he receipt of which is hereby							
		OR hereby sells, assigns and transfers to							
	dexclusive rights.	title and interest in the INVENTION and							
		ments and documents required for the							
		(and APPLICATION DERIVATIVES), for							
		refrom, and for the purpose of protecting							
		APPLICATION DERIVATIVES).							
and periadenty title to the ri	TEICHTON (and )	AITEICATION DERIVATIVES).							
Inventoric Signature	D								
Inventor's Signature for Thomas W. Holcomb	Date	Printed Name in Native Language							
nventor's Signature or Sanjeev Mehrotra	Date	Printed Name in Native Language							

Page 1 of 2

**PATENT REEL: 021045 FRAME: 0506**  Inventor's Signature Date Printed Name in Native Language for Serge Smirnov

6/2/2008
BHARATH SIRAUARA
Inventor's Signature Date Printed Name in Native Language for Bharath Siravara

RECORDED: 06/04/2008

REEL: 021045 FRAME: 0507