Form PTO-1595 (Rev. 03/01) U.S. DEPARTMENT OF COMMERC (U.S. Patient and Trademark Office (Rev. 03/01) U.S. Patient and Trademark Office (U.S. Patient	08-11	1-2004
To the Honorable Commissioner of Patents and Trademarks: Please record the autoured original documents or copy thereof. 1. Name of conveying party(ies): Winder, Simon Kang, Sing Bing Uytendaele, Matthew Zitnick III, Charles Szeliski, Richard Additional name(s) of conveying party(es) attached? Yes No. 3. Nature of conveyance: Additional name(s) of conveying party(es) attached? Yes No. 3. Nature of conveyance: Assignment Microsoft Corporation Internal Address: One Microsoft Way Street Address: One Microsoft Way Street Address: One Microsoft Way Street Address: One Microsoft Way Street Address: One Microsoft Way Additional name(s) & address(es) attached? Yes No. Additional name(s) & address(es) attached? Yes No. A. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application is: B. Patent No.(s) 5. Name and address of party to whom correspondence concerning document should be mailed: Name: Lyon & Harr, LLP Internal Address: Attn: Richard Lyon Atthiorized to be charged to deposit account	Form PTO-1595 (Rev. 03/01) OMB No. 0651-0027 (exp. 5/31/2002)	U.S. DEPARTMENT OF COMMERCE U.S. Patent and Trademark Office
Winder, Simon Kang, Sing Bing Uytrendaele, Matthew Zitnick III, Charles Szeliski, Richard Additional name(s) of conveying party(ies) attached? Merger Assignment		11182
Winder, Simon Kang, Sing Bing Uyttendaele, Matthew Zitnick III, Charles Szeliski, Richard Additional name(s) of conveying party(ies) attached? Merger Assignment	To the Honorable Commissioner of Patents and Trademarks	
Additional name(s) of conveying party(les) attached? Yes No 3. Nature of conveyance: Assignment Security Agreement Change of Name Other City: Redmond State: WA Zip: 98052 Execution Date: 08-02-2004 4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application is: 08-02-20 A. Patent Application No.(s) B. Patent No.(s) Solve I of 1 o 0 7 7 Additional numbers attached? Yes No 5. Name and address of party to whom correspondence concerning document should be mailed: Name: Lyon & Harr, LLP Internal Address: Attn: Richard Lyon A 76: 021 Authorized to be charged to deposit account	Winder, Simon Kang, Sing Bing Uyttendaele, Matthew Zitnick III, Charles	Name: Microsoft Corporation
3. Nature of conveyance: Assignment		
Street Address: One Microsoft Way Committee Change of Name Change of Name City: Redmond State: WA Zip: 98052		8-3-04
Execution Date: WA Zip: 98052 Additional name(s) & address(es) attached? Yes No. 4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application is: 08-02-20 A. Patent Application No.(s) B. Patent No.(s) O 9 0 0 7	Security Agreement Change of Name	Street Address: One Microsoft Way
4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application is: 08-02-20 A. Patent Application No.(s) B. Patent No.(s) I O 1910 D 77 Additional numbers attached? Yes No 5. Name and address of party to whom correspondence concerning document should be mailed: Name: Lyon & Harr, LLP Internal Address: Attn: Richard Lyon Internal Address: Attn: Richard Lyon FC: 021 40.00 0P	Outlet	City: Redmond State: WA Zip: 98052
If this document is being filed together with a new application, the execution date of the application is: 08-02-20 A. Patent Application No.(s) B. Patent No.(s) B. Patent No.(s) Color 10 0 7 7 Additional numbers attached? Yes No S. Name and address of party to whom correspondence concerning document should be mailed: Name: Lyon & Harr, LLP Internal Address: Attn: Richard Lyon Internal Address: Attn: Richard Lyon Authorized to be charged to deposit account Authorized to be charged to deposit account	Execution Date:	Additional name(s) & address(es) attached? 📮 Yes 🛛 No
5. Name and address of party to whom correspondence concerning document should be mailed: Name: Lyon & Harr, LLP Internal Address: Attn: Richard Lyon A FC: 021 6. Total number of applications and patents involved: 7. Total fee (37 CFR 3.41)\$ 40.00 0P 6. Total number of applications and patents involved: 7. Total fee (37 CFR 3.41)\$ A Authorized to be charged to deposit account		B. Patent No.(s)
concerning document should be mailed: Name: Lyon & Harr, LLP Internal Address: Attn: Richard Lyon Attn: Richard Lyon Authorized to be charged to deposit account FC: 021 Authorized to be charged to deposit account	Additional numbers a	attached? 🎴 Yes 🎴 No
Internal Address: Attn: Richard Lyon /05/1004 SZEWDIE1 00000016 10910027 FC: 1021 Authorized to be charged to deposit account	concerning document should be mailed:	
FC: 0021 40.00 OP	ì	Enclosed
	05/1004 SZEWDIE1 00000016 10910027	Authorized to be charged to deposit account
		8. Deposit account number:
Oxnard City:State:Zip:(Attach duplicate copy of this page if paying by deposit account)	Oxnard CA Zip: 93036	(Attach duplicate copy of this page if paying by deposit account)
DO NOT USE THIS SPACE	DO NOT US	E THIS SPACE
9. Statement and signature. To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. Richard T. Lyon, Reg. No. 37,385	To the best of my knowledge and belief, the foregoing is a true copy of the original document. Richard T. Lyon, Reg. No. 37,385	
Name of Person Signing Signature Date	Name of Person Signing	Signature

Mail documents to be recorded with required cover sheet information to:

Commissioner of Patents & Trademarks, Box Assignments

Washington, D.C. 20231

Filing Date	Executed Concurrently Herewith
Inventorship	
Applicant	Microsoft Corporation
Attorney's Docket No	MCS-017-04
MS Docket No.	

Title: A SYSTEM AND PROCESS FOR COMPRESSING AND DECOMPRESSING MULTIPLE, LAYERED, VIDEO STREAMS EMPLOYING SPATIAL AND TEMPORAL ENCODING

PATENT ASSIGNMENT

PARTIES TO THE ASSIGNMENT

Assignor(s):

Simon Winder 303 E Pike Street #606 Seattle, Washington 98122

Matthew T. Uyttendaele 153 Erie Avenue Seattle, Washington 98122

Charles Lawrence Zitnick III 900 Queen Anne Ave, Apt #201 Seattle, WA 98109

> Richard Szeliski 2602 131st Place NE Redmond, WA 98052

Sing Bing Kang 18217 NE 100th Ct Redmond, WA 98052

Assignee:

Microsoft Corporation Corporation in the State of Washington One Microsoft Way Redmond, WA 98052

Attorney Docket No. MCS-017-04 MS Docket No. 308592.01

<u>AGREEMENT</u>

WHEREAS, ASSIGNOR(S) (listed above) are inventor(s) of an invention entitled "A

SYSTEM AND PROCESS FOR COMPRESSING AND DECOMPRESSING MULTIPLE,

LAYERED, VIDEO STREAMS EMPLOYING SPATIAL AND TEMPORAL ENCODING," as

described and claimed in the specification forming part of an application for United States

letters patent referenced above;

WHEREAS, Microsoft Corporation (hereinafter referred to as ASSIGNEE), a corporation

of the State of Washington having a place of business at One Microsoft Way, Redmond, WA

98052, is desirous of acquiring the entire right, title and interest in and to the invention and in

and to any letters patent that may be granted therefore in the United States and in any and all

foreign countries;

NOW, THEREFORE, in exchange for good and valuable consideration, the receipt of

which is hereby acknowledged, ASSIGNOR(S) hereby sell, assign and transfer unto ASSIGNEE,

the entire right, title and interest in and to said invention, said application and any and all

letters patent which may be granted for said invention in the United States of America and its

territorial possessions and in any and all foreign countries, and in any and all divisions, reissues

and continuations thereof, including the right to file foreign applications directly in the name of

ASSIGNEE and to claim priority rights deriving from said United States application to which

said foreign applications are entitled by virtue of international convention, treaty or otherwise,

said invention, application and all letters patent on said invention to be held and enjoyed by

ASSIGNEE and its successors and assigns for their use and benefit and of their successors and

assigns as fully and entirely as the same would have been held and enjoyed by ASSIGNOR(S)

had this assignment, transfer and sale not been made. ASSIGNOR(S) hereby authorize and

Page 2 of 3

PATENT

REEL: 015657 FRAME: 0378

Attorney Docket No. MCS-017-04 MS Docket No. 308592.01

request the Commissioner of Patents and Trademarks to issue all letters patent on said invention to ASSIGNEE. ASSIGNOR(S) agree to execute all instruments and documents required for the making and prosecution of applications for United States and foreign letters patent on said invention, for litigation regarding said letters patent, or for the purpose of protecting title to said invention or letters patent therefore.