U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office



101490904

9.76.00

To the Honorable Commissioner of Patents and Trademarks:	Please record the attached original documents or copy thereof
1. Name of Conveying Part(ies):     Ziyad S. Hakura     Jerome E. Lengyel     John M. Snyder  Additional name(s) of conveying party(ies) attached?	2. Name and address of receiving party(ies):  Name: Microsoft Corporation Internal Address:  Street Address: One Microsoft Way City: Redmond State: WA Zip: 98052  Additional names(s) & address(es) attached: ☐ Yes ☒ No
Application number(s) or patent number(s): 09/602,376     If this document is being filed together with a new application.	tion, the execution date of the application is:
A. Patent Application No.(s):	B. Patent No.(s)
Additional numbers attached:	Additional numbers attached: ☐ Yes ☒ No
<ol> <li>Name and address of party to whom correspondence concerning document should be mailed:</li> <li>Name: Thomas A. Jolly</li> </ol>	6. Total number of applications and patents involved1
Internal Address: Lee & Hayes, PLLC  Street Address: 421 W. Riverside Ave Suite 500  City: Spokane State: WA Zip: 99201	7. Total fee (37 CFR 3.41)
	8. Deposit account number:
DO NOT USE	E THIS SPACE
9. Statement and Signature.  To the best of my knowledge and belief, the foregoing informathe original document.	tion is true and correct and any attached copy is a true copy of
Thomas A. Jolly	A7U2 9-20-2000
Name of Person Signing	Signature
Mail documents to be recorded with	required cover sheet information to:

10/18/2000 GTON11 00000202 09602376 Commissioner of Patents & Trademarks, Box Assignment

01 FC:581 LEE & HAYES, PLLC 40.00 DP

Washington, D.C. 20231

PATENT

MS1-530U. AS2.DOC

REEL: 011158 FRAME: 0057

#### IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Serial Number	09/602.376
Filing Date	6/22/00
Inventorship	Hakura et al.
Applicant	Microsoft Corporation
Attorney's Docket No.	MS1-530US
Title: Parameterized Animation Compression Methods And	Arrangements

## PATENT ASSIGNMENT

#### PARTIES TO THE ASSIGNMENT

### Assignor(s):

2

3

4

5

6

8

9

10

11

12

13

14

15

16

17

18

19

20

21

22

23

24

25

Ziyad S. Hakura 896 Middle Avenue, Apt. 5 Menlo Park, CA 94025

Jerome E. Lengyel 1808 N. 42nd Street Seattle, WA 98103

John M. Snyder 2522 186th Avenue NE Redmond, WA 98052

## Assignee:

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

# **AGREEMENT**

WHEREAS, ASSIGNOR(S) (listed above) are inventor(s) of an invention entitled "Parameterized Animation Compression Methods And Arrangements," 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

Lee & HAYES, PLLC Page 1 of 4

0808001159 G:\MS1\530US\MS1-530US.AS1.doc

22

23

25

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 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 therefor.

8/16/00 Date	Ziyad S. Hak	tura tura
State of California	)	
County of Show Mic	) ss. D	
who appeared before me, an	nd said person ed it to be his	evidence that Ziyad S. Hakura is the person acknowledged that he or she signed this or her free and voluntary act for the uses t.
		Dated Sluw
STEVEN A. WAG  COMM. #1145023  MENUTUR BRIG - CALIFOR	3 Z	Signature of Notary Public
Sty Comm. Exp. July t.		My appointment expires
Date	Jerome E. Le	ngyel
State of Washington	)	
County of King	) ss. )	
I certify that I know or have satisfactory evidence that Jerome E. Lengyel is the person who appeared before me, and said person acknowledged that he or she signed this instrument and acknowledged it to be his or her free and voluntary act for the uses and purposes mentioned in the instrument.		
		Dated
		Signature of Notary Public
		My appointment expires

0

Date	John M. Snyder
State of Washington	)
County of King	) ss. )
who appeared before me, a	we satisfactory evidence that John M. Snyder is the person and said person acknowledged that he or she signed this leged it to be his or her free and voluntary act for the uses a the instrument.
	Dated
	Signature of Notary Public
	My appointment expires

Page 4 of 4

0808001159 G:\MSI\530U\$\MSI-530U\$.A\$r.doc

0

#### IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Serial Number	09/602.376
Filing Date	
Inventorship	Hakura et al.
Applicant	
Attorney's Docket No.	MS1-530US
Title: Parameterized Animation Compression Met	

### PATENT ASSIGNMENT

### PARTIES TO THE ASSIGNMENT

#### Assignor(s):

4

5

9

10

11

12

13

14

15

16

17

18

19

20

21

22

23

24

25

Ziyad S. Hakura 896 Middle Avenue, Apt. 5 Menlo Park, CA 94025

Jerome E. Lengyel 1808 N. 42nd Street Seattle, WA 98103

John M. Snyder 2522 186th Avenue NE Redmond, WA 98052

## Assignee:

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

# **AGREEMENT**

WHEREAS, ASSIGNOR(S) (listed above) are inventor(s) of an invention entitled "Parameterized Animation Compression Methods And Arrangements," 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

Page 1 of 4

0720001049 G:\MS1\530US\MS1-530US.AS1.doc

23

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 therefor 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 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 therefor.

	* * * * * * * * *
Date	Ziyad S. Hakura
State of California	)
County of	) SS. )
who appeared before me, a	e satisfactory evidence that Ziyad S. Hakura is the person and said person acknowledged that he or she signed this ged it to be his or her free and voluntary act for the uses the instrument.
	Dated
	Signature of Notary Public
	My appointment expires
person who appeared before	Jefome E. Lengyel  ss.  e satisfactory evidence that Jerome E. Lengyel is the eme, and said person acknowledged that he or she signed ledged it to be his or her free and voluntary act for the ed in the instrument.  Dated Aug 4,2000  Signature of Notary Public McLamMalf  My appointment expires 10-9-01
PUBLI 10-9- 10-9- 10-9- 10-9-	My appointment expires $\sqrt{0-9-0}$

8/4/200c	John M. Snyder
Date	John M. Snyder
State of Washington	) ) ss.
County of King	)

LEE & HAYES, PLLC

I certify that I know or have satisfactory evidence that John M. Snyder is the person who appeared before me, and said person acknowledged that he or she signed this instrument and acknowledged it to be his or her free and voluntary act for the uses and purposes mentioned in the instrument.

تتي	WEUSSA MARINESSION ETONOTARY PRO	١,
Marian	NOTARY A	111.00
28.8	70-9-01	į.

Dated 8-4-2000

Signature of Notary Public Meliss Mare

My appointment expires 10-9-0

Page 4 of 4

0720001049 G:\MS1\530US\MS1-530US.AS1.doc

RECORDED: 09/26/2000