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(Rev. 10/02) PATENT : OMB No. 0651-0027 (exp.	5 UNLT	
6/30/2005)	Attorney Docket No. MS1.2166US	
	the season	
To the Honorable Commissioner of Patents and Trademarks:	Please record the attached original documents or copy thereor.	
Name of conveying party(ies):	Name and address of receiving party(ies)	
Jiang Li	Name: Microsoft Corporation	
Keman Yu		
Shipeng Li	Internal Address:	
Additional name(s) of conveying party(les) attached? Yes No		
3. Nature of conveyance:	Street Address: One Microsoft Way	
Assignment		
☐ Security Agreement ☐ Change of Name		
Other.	City: Redmond State: WA Zip: 98052	
Execution Date: 11/12/2004; 11/15/2004.	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 A. Patent Application No.(s)	execution date of the application is: . B. Patent Registration No.(s)	
•	,,	
10/988,715, filed 11/15/2004		
Additional number(s) a	ttached 🗌 Yes 🗵 No	
Name and address of party to whom correspondence concerning document should be mailed:	Total number of applications and patents involved	
Name: Lee & Hayes, PLLC	7. Total fee (37 CFR 3.41) \$40.00	
- -	☐ Enclosed	
Internal Address:	Authorized to be charged to deposit account	
494 W Bisarrida Cuita 500		
421 W. Riverside, Suite 500 Spokane, WA 99201, 509-324-9256	Deposit account number:	
City: Spokane State: WA Zlp 99201	12-0769	
	(Attach duplicate copy of this page if paying by deposit account)	
DO NOT USE	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.		
Keith W. Saunders, Reg# 41462 Loish M. Saunders 01/12/2005		
Name of Person Signing Signature Date		
Total number of pages including cover sheet, attachments, and document: 7		

Mail documents to be recorded with required cover sheet information to: Commissioner of Patent & Trademarks, Box Assignments Washington, D.C. 20231

> **PATENT REEL: 015589 FRAME: 0291**

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Serial Number	10/988715
Filing Date	11/15/2004
Inventorship	Jiang Li
Applican!	Microsoft Corporation
Attorney's Docket No.	MSI-2166US
MSDocket No	307536.01
MSDocket No	

Title: Video Rate Control

PATENT ASSIGNMENT

PARTIES TO THE ASSIGNMENT

Assignor(s):

Jiang Li 14-1-602, Long Xi Yuan 5 Qu, Hui Long Gu Beijing, China 102208 P.R. China

Keman Yu 4# 2402 Jian Xiang Yuan, No. 209, Bei Sihuan Zhong Road, Haidian District Beijing, China 100083

Shipeng Li 9634 222nd CT NE Redmond, WA 98053

Assignee:

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

<u>AGREEMENT</u>

WHEREAS, ASSIGNOR(S) (listed above) are inventor(s) of an invention entitled "Video Rate Control," for which:

Page 1 of 3

PATENT REEL: 015589 FRAME: 0292

MS Docket No. 307536.01 Serial No. (dilknown)

a provisional application for United States Letters Patent was filed on.....and was given U.S. Serial No. ...and/or

🕱 a non-provisional application for United States Letters Patent was:

Filed on... ...and was given U.S. Serial No. ; or filed concurrently herewith. 11/15/2004 10/988715

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(5) hereby sell, assign and transfer unto ASSIGNEF, 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

Page 2 of 3

PATENT REEL: 015589 FRAME: 0293

MIS LUCCKET IND. SEV 200 91 Serial No. (if known)

patent on said invention, for litigation regarding said letters patent, or for the purpose of protecting title to said invention or letters patent therefore.

NOU 12. 2004

Date

Keman Yu

Nov. 12, 2004

Attorney Docket No MS1-2166US MS Docket No. 307536,01 Serial No. (if known)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

	10/988715
Serial Number	11/15/2004
Inventorship	Microsoft Corporation
Inventorship Applicant	MS1-2165U5
MSDocket No.	1114
Title - Video Rate Control	

PATENT ASSIGNMENT

PARTIES TO THE ASSIGNMENT

Assignor(s):

1

٠,١

Jiang Li 14-1-602, Long Xi Yuan 5 Qu, Hui Long Gu Beijing, China 102208 P.R. China

Keman Yu 4# 2402 Jian Xiang Yuan, No. 209, Bei Sihuan Zhong Road, Haidian District Beijing, China 100083

Shipeng Li 9634 222nd CT NE Redmond, WA 98053

Assignee:

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

<u>AGREEMENT</u>

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

Rate Control" for which:

Page 1 of 3

Attorney Docket No. MS1-2166US MS Docket No. 307596.01 Serial No. (if known)

a provisional application for United S	itates Letters Palent was filed onand was
given U.S. Scrial Noand/or	
a non-provisional application for Unite	ed States Letters Patent was
(x) filed on and was given U.	S. Serial No. ; or filed concurrently herewith. 10/988715

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 ASSIGNEB, 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, reissoes 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 emoyed 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 ASSICNOR(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 ASSIGNOE. ASSIGNOR(S) agree to execute all instruments and documents required for the making and prosecution of applications for United States and foreign letters

Page 2 of 3

Attorney Docket No. MS1-2166US MS Docket No. 307536.01 Sector No. (if known)

patent on said invention, for litigation regarding said letters patent, or for the purpose of protecting title to said invention or letters patent therefore.

Date	Jiang Li
Nov. (F. 2004 Date	Keman Yu
Date	Shipeng Li