TOTAL TO THE	m PTO-1595 RECORDATION PERMITTER OF THE PRINCIPLE AND TRACEMENT OF THE PRINCIPLE AND TRACEMEN		U.S. Patent and Trademark Office	
(Rev. 10/02) OMB No. 0651-0027 (exp. 6/30/2005)	PAIENTS	ONE	Attorney Docket No. MS1-2461US	
		seems the attached		
To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.				
Name of conveying party(les): Shafiq Ur Rahman Alexandre V. Grigorovitch Xiqiang Daniel Zhi		Name and address Name: Microsoft Internal Address:	of receiving party(ies) Corporation	
Additional name(s) of conveying party(ies) att 3. Nature of conveyance: Assignment	ttached? Yes No	Street Address: Or	ne Microsoft Way	
	Change of Name	City: <u>Redmond</u> S	tate: <u>WA</u> Zip: <u>98052-6399</u>	
Execution Date: <u>04/19/2005</u> , <u>04/20/2005</u> .		Additional name(s)	& address(es) attached? ☐ Yes ☒ No	
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: A. Patent Application No.(s) B. Patent Registration No.(s)				
11/110,295, filed 4/20/2	2005			
Additional number(s) attached ☐ Yes ⊠ No				
 Name and address of party to whom correcting document should be mailed: 			olications and patents involved [1]	
Name: Lee & Hayes, PLLC		7. Total fee (37 CFR :	3.41) \$40.00	
Internal Address:		Authorized to b	e charged to deposit account	
421 W. Riverside, Suite 500 Spokane, WA 99201, 509-324-9256	;	8. Deposit account nu	ımber:	
City: Spokane State: WA Zip 99201			12-0769	
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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.				
William J. Breen, III, Reg# 45313 Name of Person Signing Signature Date				
Tetal aum	nhar of pages including covers	cheet effectments and de-	cument: 7	

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

PATENT REEL: 016219 FRAME: 0635

700179808

Attorney Docket No. MS1-2461US MS Docket No. 311889.01

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Serial Number	
Filing Date	1814 - 48
ring Date	Rahman et al
Inventorship	Missout Companies
Applicant	Viicroson Corporation
Attorney's Docket No	MS1-2461US
MSDocket No	31 1869.01
Title: Media Timeline Sorting	
PATENT ASSIG	NMENT
PARTIES TO THE ASSIGNMENT	
Assignor(s):	
Shafiq Ur Rahman	
7609 144th Ave NE	
Redmond, WA 98052	
1104110/100 1111200000	
Alexandre V. Grigorovitch	
7250 Old Redmond Rd #149	
Redmond, WA 98052	
Xiqiang Daniel Zhi	
667 237th Pl. SE	
Sammamish, WA 98074	
Sammanush, WA 960/4	
Assignee:	•
Microsoft Corporation	
Corporation in the State of Washington	
One Microsoft Way	
Redmond WA 98052	
Redinond, WA 98032	
AGREEMENT	
WHEREAS, ASSIGNOR(S) (listed above) are	inventor(s) of an invention entitled "Media
Timeline Sorting," for which:	
a provisional application for United State	tes Letters Patent was filed onand was
given U.S. Serial Noand/or	
igotimes a non-provisional application for United S	itates Letters Patent was:

Page 1 of 3

PATENT REEL: 016219 FRAME: 0636 MAY 16 2005 13:51 FR LEE - HAYES PLL 509 323 8979 TO 17033065995 P.03/0

Attorney Docket No. MS1-2461US MS Docket No. 311889.01

U.S. Serial No. 1/110, 295; or filed concurrently herewith.

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 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.

Page 2 of 3

PATENT REEL: 016219 FRAME: 0637

Attorney Docket No. MS1-2461US MS Docket No. 311889.01

Date

Alexandre V. Grigorovitch

Xiqiang Daniel Zhi

Page 3 of 3

PATENT REEL: 016213º₱₱₳₹₩₽₽: 6638

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Serial Number	
Serial Number Filing Date	
Serial Number. Filing Date Inventorship Applicant	Rahman et al.
Annicant	MS1-2461US
Applicant Attorney's Docket No.	311889.01
Attorney's Docket No	
Title: Media Timeline Sorting	

PATENT ASSIGNMENT

PARTIES TO THE ASSIGNMENT

Assignor(s):

Shafiq Ur Rahman 7609 144th Ave NE Redmond, WA 98052

Alexandre V. Grigorovitch 7250 Old Redmond Rd #149 Redmond, WA 98052

Xiqiang Daniel Zhi 667 237th PLSE Sammamish, WA 98074

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 "Media
Timelin	e Sorting," for which:
	a provisional application for United States Letters Patent was filed onand was
given L	J.S. Serial Noand/or
	a non-provisional application for United States Letters Patent was:

Page 1 of 3

PATENT REEL: 016219 FRAME: 0639 MAY 16 2005 13:52 FR LEE - HAYES PLL 509 323 8979 TO 17033065995 P.06/07
Attorney Docket No. 311889.01

U.S. Serial No. 11/110,295 ...; or filed concurrently herewith.

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 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.

Page 2 of 3 PATENT REEL: 016219 FRAME: 0640

MAY 16 2005 13:52 FR LEE - HAYES PLL 509 323 8979 TO 17033065995 P.07/07

Date Shafiq Ur Rahman

Date

Alexandre V. Grigorovitch

O 19 ON The state of the

Date Xiqiang Daniel Zhi

Page 3 of 3

RECORDED: 05/16/2005

PATENT REEL: 016219 FRAME: 0641***