•			
¢	PA 06-28-1999 U		Attorney Docket No. M61.12-0136
50		and T rade	marks: Please record the attached
ò	1. Name of conveying party(ies):		 Name and address of receiving party(ies):
) (July)	(3) Christopher W. Lorton(4) Jayachandran Raja(5) Serge Smirnov		Name: <u>Microsoft Corporation</u> Internal Address:
	Iditional name(s) of conveying party(ies) ttached? [] Yes [X] No . Nature of Conveyance: [X] Assignment [] Merger [] Security Agreement [] Change of Name [] Other		Street Address: <u>One Microsoft Way</u>
			City <u>Redmond</u> State <u>WA</u> ZIP <u>98052</u>
			Additional name(s) & address(es) attached? [] Yes [X] No
	Execution Date: <u>May 25, 1999</u>		
	A. Application No.(s)		4B. Patent No.(s)
	If this document is being filed together a new application, the execution date(s) of application is:		Additional numbers attached? [] Yes [X] No
	Additional numbers attached? [] Yes [X] M	ditional numbers attached? [] Yes [X] No	
	 Name and address of party to whom corres- pondence concerning document should be mailed: Name: <u>David D. Brush</u> Street Address: <u>Westman, Champlin & Kelly, P.A</u> Suite 1600 		6. Total number of applications and patents involved: [1]
			7. Total fee (37 CFR 3.41):\$ <u>40.00</u>
	<u>International Centre</u> <u>900 Second Avenue South</u> City: <u>Minneapolis</u> State: <u>MN</u> ZII	<u>n</u> P <u>55402</u>	 8. Method of Payment [X] Enclosed [X] The Commissioner is authorized to charge payment of any additional recording fees or credit any overpayment to deposit account
			No. 23-1123.
	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.		
	David D. Brush Name of Person Signing		
	Signature Date Total number of pages submitted: [4		
06/25/1999 INGUYEN 00000196 09287075			
01	FC:581 40.00 0P		
	•		DATENT

Ľ

PATENT REEL: 010046 FRAME: 0498

ASSIGNMENT

M61.12-0136

WHEREAS, we, William G. Parry, Mingtzong Lee, Christopher W. Lorton, Jayachandran Raja and Serge Smirnov (hereinafter referred to as ASSIGNORS), having post office addresses of 6731 153rd Place SE, Bellevue, Washington, 98006, 10209 184th Avenue NE, Redmond, Washington 98052, 18737 108th Avenue NE, Bothell, Washington, 98011, 6003 143^d Ct., NE, Redmond, Washington, 98052 and 4850 156th Avenue NE, Apt. 182, Redmond, Washington, 98052, respectively, are the joint inventors of an invention entitled "STREAMING INFORMATION APPLIANCE WITH BUFFER READ AND WRITE SYNCHRONIZATION, for Letters Patent of the United States, the application being identifiable in the United States Patent and Trademark Office by Serial No. 09/287,075, filed April 6, 1999; and

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 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, ASSIGNORS hereby sell, assign and transfer unto said 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

Ē

PATENT REEL: 010046 FRAME: 0499

successors and assigns as fully and entirely as the same would have been held and enjoyed by ASSIGNORS had this assignment, transfer and sale not been made. ASSIGNORS hereby authorize and request the Commissioner of Patents and Trademarks to issue all letters patent on said invention to ASSIGNEE. ASSIGNORS 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, litigation regarding said letters patent, or for the purpose of protecting title to said invention or letters patent therefor.

William G. Parry STATE OF Washington) ss. COUNTY OF KANNY) Subscribed and sworn to before me, a Notary Public, this 25th day of Man, 1999. tzong Lee STATE OF Washington)) SS. COUNTY OF KING

Subscribed and sworn to before me, a Notary Public, this 234, day of 400, 1999.

Minich 1 St Notary - 2 -

ĩ

PATENT REEL: 010046 FRAME: 0500

STATE OF Washington)) ss. COUNTY OF Kitch

Subscribed and sworn to before me, a Notary Public, this <u>2314</u> day of <u>May</u>, 1999. Morah Jt (king Notary Public Jayachandran Raja STATE OF Washington)) ss. COUNTY OF KING Subscribed and sworn to before me, a Notary Public, this $2M_{\rm c}$ day of $M_{\rm cont}$, 1999. Marian 1 3 Chi Notary Public Legehund Serge Smirnov STATE OF Washington)) ss. COUNTY OF King Subscribed and sworn to before me, a Notary Public, this $\underline{23}$ day of $\underline{1999}$. Mariah A Chin Notary Public - 3 -PATENT RECORDED: 106/24/1999 REEL: 010046 FRAME: 0501