01-06-2000 **FORM PTO-1595** U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office 1-31-92 MSFT-0061 MPD 12-13-99 101238602 attached original documents or copy To The Honorable Commissioner of Paten thereof. 1. Name of conveying party(ies): 2. Name and address of receiving party(ies): 13 Charles F. Rose; Michael F. Cohen; Robert E. Bodenheimer, Jr. Name: Microsoft Corporation Additional name(s) of conveying party(ies) Street Address: One Microsoft way attached? () YES (X) NO City: Redmond 3. Nature of Conveyance: (X) Assignment () Merger () Security Agreement State Washington ZIP 98052 () Change of Name () Other: Additional name(s) & address attached? ()YES (X)NO Execution Date(s): 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: A. Patent Application No.(s) 09/368,750 B. Patent No.(s) Additional numbers attached? () YES (X) NO 5. Name and address of party to whom correspondence 6. Total number of applications and patents involved: 1 concerning documents should be mailed: Name: Jonathan M. Waldman, Esq. Internal Address: WOODCOCK WASHBURN KURTZ 7. Total fee (37 CFR 3.41):.....\$40.00 MACKIEWICZ & NORRIS LLP (X) Enclosed One Liberty Place - 46th Floor () Authorized to be charged to Deposit Account Philadelphia, Pennsylvania 19103-7301 Number 23-3050 Street Address: WOODCOCK WASHBURN KURTZ MACKIEWICZ & NORRIS LLP 8. Please charge any deficiency or credit any One Liberty Place - 46th Floor overpayment to Deposit Account Number 23-3050 1650 Market Street Philadelphia, Pennsylvania 19103-7301 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. Jonathan M. Waldman, Reg. No. 40,861 December 7, 1999 Name of Person Signing/Reg. No. Total number of pages including cover sheet, attachments, and document: 3 Mail documents to be recorded with required cover sheet information to: /06/2000 DNGUYEN 00000084 09388750 Commissioner of Patents and Trademarks FC:581 40.00 OP **Box Assignments** Washington, D.C. 20231

> PATENT REEL: 010468 FRAME: 0060

DOCKET No: MSFT-0061/82041.1 PATENT

WHEREAS, we, CHARLES F. ROSE, MICHAEL F. COHEN, and ROBERT E. BODENHEIMER, JR. (hereinafter referred to as ASSIGNORS), having post office addresses of 17312 NE 39th Court, Redmond, Washington 98052; 1615 McGilvra Blvd. E., Seattle, Washington 98112 and 807 Penn Avenue, #4, Atlanta, Georgia 30308, respectively, are the joint inventors of an invention entitled "SYSTEM AND METHOD FOR MULTI-DIMENSIONAL MOTION INTERPOLATION USING VERBS AND ADVERBS," as described and claimed in the specification forming part of an application for United States letters patent as filed on August 5, 1999, and assigned Serial No. 09/368,750:

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 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 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, for litigation regarding said letters patent, or for the purposes of protecting title to said invention or letters patent therefor.

	(L.S.)
	CHARLES F. ROSE
COUNTY OF	: : SS :
On this day of named	, 19, before me personally came the above to me personally known and known to me to be the same individual
who executed the foregoing assign that person's own free will for the u	ment, and who acknowledged to me that execution of the same was of
	Notary Public

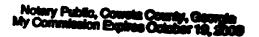
PATENT REEL: 010468 FRAME: 0061 DOCKET No: MSFT-0061/82041.1

(L.S.) MICHAEL F. COHEN COUNTY OF On this _____ day of _____, 19___, before me personally came the above _____ to me personally known and known to me to be the same individual who executed the foregoing assignment, and who acknowledged to me that execution of the same was of that person's own free will for the use and purposes therein set forth Notary Public (L.S.)

On this day of day of 1990 before me personally came the above named Robert E. Danhene to me personally known and known to me to be the same individual who executed the foregoing assignment, and who acknowledged to me that execution of the same was of that person's own free will for the use and purposes therein set forth

Notary Public

PATENT



FORM PTQ-1595	
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RECORDATION FORM COVER SHEET

U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office

PATENTS ONLY MSFT-0061 To The Honorable Commissioner of Patents and Trademarks. Please record the attached original documents or copy thereof. 2. Name and address of receiving party(ies): 1. Name of conveying party(ies): Charles F. Rose; Michael F. Cohen; Robert E. Bodenheimer, Jr. Name: Microsoft Corporation 13 Additional name(s) of conveying party(ies) Street Address: One Microsoft way attached? () YES (X) NO 3. Nature of Conveyance: City: Redmond (X) Assignment () Merger () Security Agreement State Washington ZIP 98052 () Change of Name () Other: Additional name(s) & address attached? ()YES (X)NO Execution Date(s): 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: A. Patent Application No.(s) 09/368,750 B. Patent No.(s) Additional numbers attached? () YES (X) NO 5. Name and address of party to whom correspondence 6. Total number of applications and patents involved: 1 concerning documents should be mailed: Name: Jonathan M. Waldman, Esq. Internal Address: WOODCOCK WASHBURN KURTZ 7. Total fee (37 CFR 3.41):.....\$40.00 MACKIEWICZ & NORRIS LLP (X) Enclosed One Liberty Place - 46th Floor () Authorized to be charged to Deposit Account Philadelphia, Pennsylvania 19103-7301 Number 23-3050 Street Address: WOODCOCK WASHBURN KURTZ MACKIEWICZ & NORRIS LLP 8. Please charge any deficiency or credit any One Liberty Place - 46th Floor overpayment to Deposit Account Number 23-3050 1650 Market Street Philadelphia, Pennsylvania 19103-7301 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. Jonathan M. Waldman, Reg. No. 40,861 December 7, 1999 Name of Person Signing/Reg. No. Total number of pages including cover sheet, attachments, and document: 3

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

Commissioner of Patents and Trademarks **Box Assignments** Washington, D.C. 20231

PATENT RECORDED: 12/13/1999 REEL: 010468 FRAME: 0063