$\frac{01P_{K}}{}$	8-1998
FORM PTO-1595 1-31-92 AUG 1 9 1998	T U.S. DEPARTMENT OF COMMERC Patent and Trademark Offic
To the Honorab Commissioner of Patents and Trademarks copy thereof.	9469 attached original documents or
1. Name of conveying party(ies): James F. Kramer; John M. Ananny; Loren F. Bentley; Paul L. Kkorff; Allen R. Boronkay; Conor McNamara	2. Name and address of receiving party(ies): VIRTUAL TECHNOLOGIES, INC. 2175 Park Boulevard Palo Alto, California 94306
Additional name(s) of conveying party(ies) attached? [] Yes [X] No	
3. Nature of Conveyance: [X] Assignment [] Merger [] Security Agreement [] Change of Name [] Other Execution Date: 7/29/98; 8/3/98; 8/4/98; 8/6/98	Additional name(s) & address(es) attached? [] Yes [X] No
4. Application number(s) or patent number(s):	
A. Patent Application No.(s) 09/064,637 filed April 21, 1998	B. Patent No.(s)
Additional numbers attac	ched? [] Yes [X] No
5. Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved:
Name: R. Michael Ananian Internal Address: FLEHR HOHBACH TEST ALBRITTON & HERBERT LLP	7. Total fee (37 CFR 3.41):\$40.00 [X] Enclosed [] Authorized to be charged to deposit account
Street Address: SUITE 3400 FOUR EMBARCADERO CENTER	8. Deposit account number: 06-1300 Please debit any underpayment or credit any overpayment to the above deposit account.
City: SAN FRANCISCO Zip: 94111-4187	Our Order No
DO NOT USE	THIS SPACE
FC:581 40.00 UP R. Michael Ananian Name of Person Signing K. Mukoul Sign.	the foregoing information is true and correct original document. August 14, 1998 ature Date cover sheet, attachments and document: [2]
OMB No. 0651-0011 (exp. 4/94)	
Do not detack	this portion
	Trademarks, Box Assignments
Washington, DC 20231 File No. A-65059/BIR/RMA Rev. 8/93 (39811)	

PATENT

REEL: 9399 FRAME: 0694

ASSIGNMENT

WHEREAS We, James F. Kramer of Menlo Park, CA; John M. Ananny of San Francisco, CA 94113; Loren F. Bentley of Palo Alto, CA; Paul L. Korff of Sunnyvale, CA; Allen R. Boronkay of San Jose, CA; ;and Conor McNamara of San Francisco, CA have invented certain new and useful improvements in Goniometer-Based Body-Tracking Device and Method, for which invention we have executed an application for Letters Patent of the United States on or about 21 April 1998 and which application may be identified in the United States Patent and Trademark Office as Serial No. 09/064.637, filed 21 April 1998 and

Whereas, Virtual Technologies, Inc., a California Corporation having its principal place of business at 2175 Park Blvd., Palo Alto, CA 94306 (hereinafter referred to as assignee) is desirous of acquiring the entire right, title, and interest in and to said invention, said application and the Letters Patent to be obtained therefore;

Now, therefore, for and in consideration of One Dollar and other good and valuable considerations, to us in hand paid, the receipt and sufficiency whereof are hereby acknowledged, we have sold, assigned, and set over and by these presents do hereby sell, assign, and set over unto the said Virtual Technologies, Inc. and said assignee's legal representatives, successors and assigns, the entire right, title, and interest in and to said invention, said application, and the Letters Patent, both foreign and domestic, that may or shall issue thereon; and we do hereby authorize and request the Commissioner of Patents and Trademarks to issue said Letters Patent to the above-mentioned assignee agreeably with the terms of this assignment.

We hereby authorize the above-mentioned assignee or its legal representative to insert in this instrument the filing date and serial number of our said application or any other information that may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

Upon said consideration, we convey to said assignee the right to make application in its own behalf for protection of said invention in countries foreign to the United States and where expedient to claim under the International Convention or other international arrangement for any such application the date of the said United States application (or other application if any there be) in priority to other applications; and we do hereby covenant and agree with the said assignee that we will not execute any writing or do any act whatsoever conflicting with these presents, and that we will at any time upon request, without further or additional consideration, but at the expense of the said assignee, execute such additional assignments and other writings and do such additional acts as said assignee may deem necessary or desirable to perfect the assignee's enjoyment of this grant, and render all necessary assistance in making application for and obtaining original, divisional renewal, reissued or extended Letters Patent of the United States or of any and all foreign countries on said invention, and in enforcing any rights or chose in action accruing as a result of such application or patents, by giving testimony in any proceedings or transactions involving such applications or patents, and by executing preliminary statements and other affidavits, it being understood that the foregoing covenant and agreement shall bind, and inure to the benefit of the assigns and legal representatives of both parties.

PATENT

REEL: 9399 FRAME: 0695