

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Virtual Technologies, Inc.	08/19/2002
RECEIVING PARTY DATA	
Name:	Immersion Corporation
Street Address:	801 Fox Lane
City:	San Jose
State/Country:	CALIFORNIA
Postal Code:	95131
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	12346686
CORRESPONDENCE DATA	
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<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
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ATTORNEY DOCKET NUMBER:	51851/380261
NAME OF SUBMITTER:	Laura J. Smith
Total Attachments: 4 source=Assignment380261#page1.tif source=Assignment380261#page2.tif source=Assignment380261#page3.tif source=Assignment380261#page4.tif	

OP \$40.00 12346686

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PATENT
REEL: 024972 FRAME: 0772

ASSIGNMENT OF PATENT APPLICATION

(Not Accompanying Application)

Whereas Virtual Technologies, Inc., a California corporation with a place of business at 801 Fox Lane, San Jose, CA 95131-1601, owns all right, title and interest to certain new and useful improvements for which have been executed applications for United States Letters Patents as set forth in the patents and patent applications listed in the attached APPENDIX A.

The undersigned duly authorized representative of Virtual Technologies, Inc. hereby:

- 1) Sell(s), assign(s) and transfer(s) to Immersion Corporation, a Delaware corporation having a place of business at 801 Fox Lane, San Jose, CA 95131, (hereinafter referred to as "ASSIGNEE"), the entire right, title and interest in any and all improvements and inventions disclosed in, application(s) (including foreign applications) based upon, and Patent(s) (including foreign patents) granted upon the information which is disclosed in the patents and patent applications listed in the attached APPENDIX A.
- 2) Authorize and request the Commissioner of Patents to issue any and all Letters Patents resulting from said applications or any division(s), continuation(s), substitutes(s) or reissue(s) thereof to the ASSIGNEE.
- 3) Agree to execute all papers and documents and, entirely at the ASSIGNEE's expense, perform any acts which are reasonably necessary in connection with the prosecution of said applications and patents, as well as any derivative and applications thereof, foreign applications based thereon, and/or the enforcement of patents resulting from such applications and patents.
- 4) Agree that the terms, covenants and conditions of this assignment shall inure to the benefit of the ASSIGNEE, its successors, assigns and other legal representative, and shall be binding upon the inventor, as well as the inventor's heirs, legal representatives and assigns.
- 5) Warrant and represent that Virtual Technologies, Inc. has not entered, and will not enter into any assignment, contract, or understanding that conflicts with this assignment.

Virtual Technologies, Inc.

Victor Viegas
Signature

Victor Viegas
Printed Name

Chief Financial Officer
Title

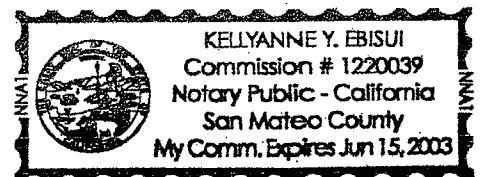
August 19, 2002
Date

State of California)
County of Santa Clara)
_____)

On this 19th day of August, in the year 2002, before me, Kellyanne Y. Ebisui,
Notary Public, personally appeared Victor Viegas, ~~personally known to me or~~ proved to me on
the basis of satisfactory evidence to be the person whose name is subscribed to the within
instrument, and acknowledged to me that he/she executed the same in his/her authorized
capacity(ies), and that by his/her signature on the instrument the person, or the entity/ies upon
behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

Signature Kellyanne Y. Ebisui



(SEAL)

APPENDIX A

Title	Application/Patent No.	Filing/Issue Date
Force Feedback and Textures Simulating	5,184,319	February 2, 1993
Force Feedback and Textures Simulating	07/929,895	August 10, 1992
Force Feedback and Textures Simulating	5,631,861	May 20, 1997
Force Feedback and Textures Simulating	6,059,506	May 9, 2000
Force Feedback and Textures Simulating	09/439,766	November 15, 1999
Determination of Kinematically Constrained Multi-Articulated Structures	07/909,570	July 6, 1992
Determination of Kinematically Constrained Multi-Articulated Structures	5,676,157	October 14, 1997
Determination of Kinematically Constrained Multi-Articulated Structures	6,162,190	December 19, 2000
Determination of Kinematically Constrained Multi-Articulated Structures	09/730,056	December 5, 2000
Determination of Thumb Position Using Measurements of Abduction and Rotation	5,482,056	January 9, 1996
Accurate, Rapid, Reliable Position Sensing Using Multiple Sensing Technologies	5,592,401	January 7, 1997
Accurate, Rapid, Reliable Position Sensing Using Multiple Sensing Technologies	5,930,741	July 27, 1999
Accurate, Rapid, Reliable Position Sensing Using Multiple Sensing Technologies	6,148,280	November 14, 2000
Accurate, Rapid, Reliable Position Sensing Using Multiple Sensing Technologies	09/712,046	November 13, 2000
Forearm-Supported Exoskeletal Hand-Tracking Device	6,104,379	August 15, 2000

Forearm-Supported Exoskeletal Hand-Tracking Device	09/565,907	May 5, 2000
Goniometer-Based Body-Tracking Device and Method	6,050,962	April 18, 2000
Goniometer-Based Body-Tracking Device and Method	6,428,490	August 6, 2002
Force-Feedback Interface Device for the Hand	6,042,555	March 28, 2000
Force-Feedback Interface Device for the Hand	6,413,229	July 2, 2002
Exoskeleton Device for Directly Measuring Fingertip Position and Inferring Finger Joint Angle	6,110,130	August 29, 2002
Exoskeleton Device for Directly Measuring Fingertip Position and Inferring Finger Joint Angle	09/565,730	May 5, 2000
System and Method for Constraining a Graphical Hand from Penetrating Simulated Graphical Objects	09/432,362	November 3, 1999
System, Method and Data Structure for Simulated Interaction with Graphical Objects	09/675,811	September 29, 2000
Interface for Controlling a Graphical Image	09/837,860	April 17, 2001
Real Time Determination of Simulated Interactions for Large Systems	09/912,434	July 24, 2001
Position Sensor with Resistive Element	09/894,985	June 27, 2001