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Name (line 1) Jonathan R. Burgin Execution Date
 Month Day Year
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Name (line 2) **Second Party**

Name (line 1) Execution Date
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Name (line 2)

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Name (line 1) Texas Tech University
 Name (line 2) Non-profit organization of the State of Texas
 Address (line 1) Technology Transfer and Intellectual Property
 Address (line 2) P.O. Box 42007
 Address (line 3) Lubbock Texas 79409-2007

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Correspondent Name and Address

Area Code and Telephone Number

617-854-4000

Name Jerry Cohen

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Address (line 4) Boston, Massachusetts 02108-3106

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Patent Application Number(s)

09/677,073

Patent Number(s)

If this document is being filed together with a new Patent Application, enter the date the patent application was signed by the first named executing inventor.

Month Day Year

Patent Cooperation Treaty (PCT)

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1

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Jacob N. Erlich, Reg. No. 24,338

Name of Person Signing

Signature

Date

2-9-2001

ASSIGNMENT

WHEREAS, We, Bharti Temkin, residing at 11 So. Lakeshore Dr., Ransom Canyon, TX 79366 and Jonathan R. Burgin, residing at 23223 Hickory Shadow, Elmendorf, TX (hereinafter referred to as "Assignors") have made an invention entitled HAPTIC RENDERING OF VOLUMETRIC SOFT-BODIES OBJECTS for which an application for a United States Patent was filed on September 29, 2000 and accorded Serial Number 09/677,073 and which claims priority of provisional application filed on September 30, 1999 and accorded Serial Number 60/156,852.

WHEREAS, Texas Tech University, a non-profit organization organized and existing under the laws of the State of Texas, having its principal place of business at Texas Tech University, Technology Transfer and Intellectual Property, P.O. Box 42007, Lubbock, Texas 79409-2007 (hereinafter referred to as "Assignee"), is desirous of acquiring right, title and interest in said invention.

NOW, THEREFORE, in consideration of One Dollar (\$1.00), and other good and valuable consideration, the receipt of which is hereby acknowledged, Assignors by these presents, do sell, assign and transfer to Assignee, Assignors' entire right, title and interest, for the United States of America and its possessions and territories and for all foreign countries, in and to said invention, including all rights of priority created and conferred by any treaty or international convention which is available in connection with said invention, including the right to apply for patent rights, U.S. or foreign, and in any continuations, divisions, substitutes, renewals, reissues or other applications filed in the U.S. or abroad (including multinational filing arrangements of all kinds), and in any U.S. or foreign patents issued on any such applications and reissues, extensions and renewals thereof, to be held and enjoyed by Assignee, for its own use and behalf and for its successors and assigns, to the full ends of the terms or extended terms for which any Letters Patents or the like may be granted, as fully and entirely as the same would have been held by Assignors had this sale, assignment and transfer not been made.

Assignors hereby authorizes and requests the Commissioner of Patents of the United States, and any official of any country or countries (including multinational filing arrangements of all kinds), whose duty it is to receive and/or examine applications for patents or similar industrial property, issue patents or other evidence or forms of industrial property protection on applications as aforesaid, to issue the same to Assignee, its successors and assigns, in accordance with the terms of this instrument.

Assignors further covenants and agrees to communicate to Assignee, its successors, legal representatives and assigns, any facts known to Assignors respecting said invention, and testify in any legal proceeding, sign all lawful papers, including, without limitation, application papers, assignments, powers of attorney, declarations, and other instruments, execute all divisional, continuing, substitute, reissue, renewal and foreign applications, make all truthful oaths, declarations and statements, and generally do everything reasonably requested of Assignors by Assignee, or its successors or assigns to aid Assignee, its successors or assigns, to obtain, enforce and /or exploit said invention.

Bharti Temkin

Before me appeared Bharti Temkin on this ____ day of _____, 2000, who signed this Assignment document, and who acknowledges that she signed it as a free act on her behalf.

SEAL

Executed this 10 day of January, 2001


X Jonathan R. Burgen
Jonathan R. Burgen

State of Texas

County of BEXAR

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) SS.
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Before me appeared Jonathan R. Burgin on this 10 day of JANUARY, 2001, who signed this Assignment document, and who acknowledges that she signed it as a free act on her behalf.


Notary Public
My commission expires 10/21/01

SEAL

12001-102/Assignment