

TO THE ASSISTANT COMMISSIONER FOR P

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Documents or copy thereof.

1. Name of conveying party(ies): (If multiple assignors, list numerically)

1. Bruce W. Deffenbaugh
2. Hugh M. Herr
3. Gill A. Pratt
4. Michael B. Wittig

Additional name(s) of conveying party(ies) attached?

() Yes (X) No

2. Name and address of receiving party(ies):

Name: Massachusetts Institute of Technology
Internal Address: Technology Licensing Office
Room NE25-230
Street Address: 77 Massachusetts Avenue
City: Cambridge **State:** MA **ZIP:** 02139-4307

Additional name(s) of receiving party(ies) attached?

() Yes (X) No

3. Nature of conveyance:

- (X) Assignment
() Merger
() Security Agreement
() Change of Name
() Other:

Execution Date: (If multiple assignors, list execution dates in numerical order corresponding to numbers indicated in 1 above)

1. April 26, 2001
2. July 11, 2001
3. May 31, 2001
4. May 3, 2001

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Sabling H. Lee
KNOBBE, MARTENS, OLSON & BEAR, LLP
Customer No. 20,995
Internal Address: Sixteenth Floor
Street Address: 620 Newport Center Drive
City: Newport Beach **State:** CA **ZIP:** 92660
Attorney's Docket No.: FLEXFT.177A

4. Application number(s) or Patent number(s):

() Application(s) filed herewith Execution Date(s):

(X) Patent Application No.: 09/767,367
Filing Date: January 22, 2001

() Patent No.:
Issue Date:

Additional numbers attached? () Yes (X) No

7. Total fee (37 CFR 1.21(h)): \$40

(X) Enclosed

(X) Authorized to be charged to deposit account if any additional fees are required, or to credit any overpayment

8. Deposit account number: 11-1410

Please charge this account for any additional fees which may be required, or credit any overpayment to this account.

6. Total number of applications and patents involved: 1

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.

Sabling H. Lee
Name of Person Signing

Signature

Date

43,745
Registration No.

Total number of pages including cover sheet, attachments and document: 5

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

10/23/2001 6TON11 00000068 09767367
01 FC:581 40.00

U.S. Patent and Trademark Office
Attn: Assignment Division
Crystal Gateway-4
1213 Jefferson Davis Highway, Suite 320
Arlington, VA 22202

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100501

PATENT
REEL: 012257 FRAME: 0455

ASSIGNMENT

WHEREAS, We, **Bruce W. Deffenbaugh**, a United States citizen, residing at P. O. Box 75201, Honolulu, HI 96836, **Hugh M. Herr**, a United States citizen, residing at 69 Concord Avenue, #3, Somerville, MA 02143, **Gill A. Pratt**, a United States citizen, residing at 5 White Terrace, Lexington, MA 02420-1616, **Michael B. Wittig**, a United States citizen, residing at 355 Mariposa Avenue #5, Mountain View, CA 94041, have invented certain new and useful improvements in an **ELECTRONICALLY CONTROLLED PROSTHETIC KNEE**, for which we have filed an application for Letters Patent in the United States, Application No.: 09/767,367, filed **January 22, 2001**;

AND WHEREAS, **Massachusetts Institute of Technology** (hereinafter "ASSIGNEE"), a Massachusetts Corporation, with its principal place of business at 77 Massachusetts Avenue, Cambridge, MA 02139-4307, desires to acquire the entire right, title, and interest in and to the said improvements and the said Application:

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) to me in hand paid, and other good and valuable consideration, the receipt of which is hereby acknowledged, we, the said inventors, do hereby acknowledge that we have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said ASSIGNEE, successors, legal representatives and assigns, the entire right, title, and interest throughout the world in, to and under the said improvements, and the said application and all provisional applications relating thereto, and all divisions, renewals and continuations thereof, and all Letters Patent of the United States which may be granted thereon and all reissues and extensions thereof, and all rights of priority under International Conventions and applications for Letters Patent which may hereafter be filed for said improvements in any country or countries foreign to the United States, and all Letters Patent which may be granted for said improvements in any country or countries foreign to the United States and all extensions, renewals and reissues thereof; and we hereby authorize and request the Commissioner of Patents of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents on applications as aforesaid, to issue all Letters Patent for said improvements to the said ASSIGNEE, successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND WE HEREBY covenant and agree that we will communicate to the said ASSIGNEE, successors, legal representatives and assigns, any facts known to us respecting said improvements, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths and generally do everything possible to aid the said ASSIGNEE, successors, legal representatives and assigns, to obtain and enforce proper patent protection for said improvements in all countries.

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 26th day of April, 2001.

Bruce W. Deffenbaugh
Bruce W. Deffenbaugh

STATE OF HAWAII }
CITY & } ss.
COUNTY OF HONOLULU }

On 26th APRIL 2001, before me, MR MAYNARD L. KRISTOFF, personally appeared **Bruce W. Deffenbaugh**, 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 executed the same in his authorized capacity, and that by signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

[SEAL]

LS.

Maynard L. Kristoff
Notary Signature

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 11th day of July, 2001.



Hugh M. Herr

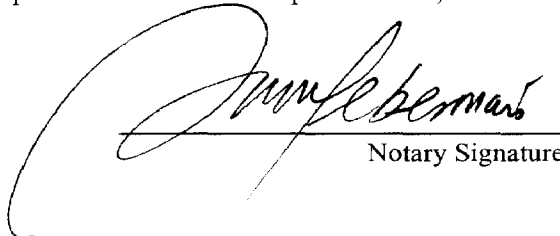
STATE OF Massachusetts }
COUNTY OF Middlesex } ss.

SARA GEBERMARIAM, Notary Public
My Commission Expires Nov. 5, 2004

On 11th July 200, before me, _____, personally appeared **Hugh M. Herr** 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 executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

[SEAL]



Notary Signature

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this _____ day of _____, 2001.

Gill A. Pratt

STATE OF _____ }
COUNTY OF _____ } ss.

On _____, before me, _____, personally appeared **Gill A. Pratt** 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 executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

[SEAL]

Notary Signature

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this _____ day of _____, 2001.

Hugh M. Herr

STATE OF _____ }
COUNTY OF _____ } ss.

On _____, before me, _____, personally appeared **Hugh M. Herr** 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 executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

[SEAL]

Notary Signature

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 31 day of May, 2001.

Gill A. Pratt
Gill A. Pratt

STATE OF MASSACHUSETTS }
COUNTY OF MIDDLESEX } ss.

On 31 MAY 2001, before me, MARIA T. SENSALE, personally appeared **Gill A. Pratt** 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 executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

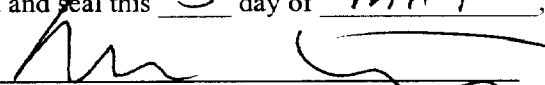
WITNESS my hand and official seal.

[SEAL]

MARIA T. SENSALE
Notary Signature

Maria T. Sensale, Notary Public
My Commission Expires March 15, 2002

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 3 day of MAY, 2001.

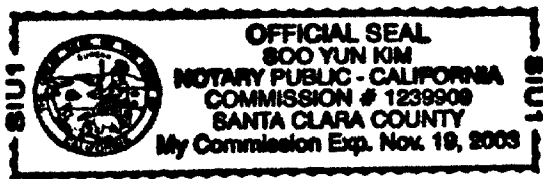

Michael B. Wittig

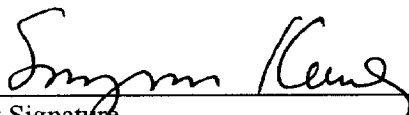
STATE OF California]
COUNTY OF Santa Clara] ss.

On May 3, 2001, before me, SOO YUN KIM, personally appeared **Michael B. Wittig** ~~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 executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

[SEAL]




Notary Signature

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