TO THE ASSISTANT COMMISSIONER FOR PATENTS OF THE UNITED STATES PATENT AND TRADEMARK OFFICE

1. Name of conveying party(ies): (If multiple assignors, list numerically)
   1) Anthony Viole
   2) Lakshmi Srinivasa
   3) Stephen F. Bolling
   4) Shawn O'Leary
   5) Robert Pecor
   6) Ryan Kelly
   7) Wolfgang Werner; and
   8) Masoud Bezdai

   Additional name(s) of conveying party(ies) attached? ( ) Yes (X) No

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

   Name: ORQIS MEDICAL CORPORATION
   Street Address: 20914 Bake Parkway, Suite 112
   City: Lake Forest State: CA ZIP: 92630

   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 11, 2002
   2) April 12, 2002
   3) May 3, 2002
   4) April 12, 2002
   5) April 12, 2002
   6) April 12, 2002
   7) April 12, 2002
   8) April 11, 2002

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

   ( ) Application(s) filed herewith Execution Date(s):
   (X) Patent Application No.: 10/078,260
   Filing Date: February 15, 2002

   ( ) Patent No.: Issue Date:

   Additional numbers attached? ( ) Yes (X) No

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

   Name: Andrew M. Douglas
   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.: FORFLOW.001CP4

6. Total number of applications and patents involved: 1

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

   (X) Enclosed
   (X) Authorized to be charged to deposit account

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.

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.

Andrew M. Douglas
Name of Person Signing
Signature

May 9, 2002
Date

Registration No.

PATENT
REEL: 012874 FRAME: 0046
Mail documents to be recorded with required cover sheet information to:

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

WHEREAS, We, Anthony Viole, a United States citizen residing at 24 Camarin Street, Foothill Ranch, CA 92610, Laksen Sirimanne, a United States citizen residing at 74 Sorenson, Irvine, CA 92602, Steven F. Bolling, a United States citizen residing at 3456 Daleview, Ann Arbor, Michigan 48105; Shawn O’Leary, a United States citizen residing at 23926 Juaneo Drive, Mission Viejo, CA 92691; Robert Pecor, a United States citizen residing at 9 Woodcrest Lane, Aliso Viejo, CA 92656, Ryan Kelly, a United States citizen residing at 7961 Playmor Terrace, San Diego, CA 92122, Wolfgang Werner, a German citizen residing at 3703 Sandpoint Court, Carlsbad, CA 92008, and Masoud Beizai United States citizen residing at 4 Oxbow Creek Lane, Laguna Hills, CA 92653-6405, have invented certain new and useful improvements in a IMPLANTABLE HEART ASSIST SYSTEM AND METHOD OF APPLYING SAME for which we have filed an application for Letters Patent in the United States, Application No. 10/078,260;

AND WHEREAS, ORQIS MEDICAL CORPORATION (hereinafter "ASSIGNEE"), a California Corporation, with its principal place of business at 20914 Bake Parkway, Suite 112, Lake Forest, CA 92630, 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, its 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, its 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, its 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, its 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 11 day of (11), 20 _

[Signature]

Anthony Viole

STATE OF )

COUNTY OF ) ss.

On this 11 day of (11), 20 _, before me, MARY E. STIEGER, CLERK, personally appeared Anthony Viole personally known to me (or proved to me on the basis of satisfactory evidence) to be the person(s) whose name(s) is/are subscribed to the within instrument, and acknowledged to me that he executed the same in his authorized capacity(ies), and that by his signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.
WITNESS my hand and official seal.

[SEAL] MARY ESTHER GABALDON Comm. #1254624 NOTARY PUBLIC CALIFORNIA Orange County My Comm. Expires Feb 15, 2004

Notary Signature

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 11th day of MARCH, 2002

Laksen Sirumane

STATE OF CALIFORNIA
COUNTY OF ORANGE

On APRIL 12, 2002 before me, MARY ESTHER GABALDON personally appeared Laksen Sirumane personally known to me (or proved to me on the basis of satisfactory evidence) to be the person(s) whose name(s) is/are subscribed to the within instrument, and acknowledged to me that he executed the same in his authorized capacity(ies), and that by his signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

[SEAL] MARY ESTHER GABALDON Comm. #1254624 NOTARY PUBLIC CALIFORNIA Orange County My Comm. Expires Feb 15, 2004

Notary Signature

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 3rd day of MAY, 2002

Steven J. Bolling

STATE OF MICHIGAN
COUNTY OF LIVINGSTON

On 5/3/02, before me, STEVEN J. BOLLING, personally appeared Steven F. Bolling personally known to me (or proved to me on the basis of satisfactory evidence) to be the person(s) whose name(s) is/are subscribed to the within instrument, and acknowledged to me that he executed the same in his authorized capacity(ies), and that by his signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

[SEAL] JANICE W. DAVIS Notary Public, Livingston County, MI My Commission Expires Sep 4, 2004 Acting in Washtenaw
WITNESS my hand and official seal.

[SEAL] MARY ESTHER GABALDON
Comm. #1254624
NOTARY PUBLIC CALIFORNIA
Orange County
My Comm. Expires Feb 21, 2004

Notary Signature

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this ___ day of MARCH, 2002

Laksen Sirimanne

STATE OF CALIFORNIA
COUNTY OF ORANGE

ss.

On MARCH 12, 2002, before me, MARY ESTHER GABALDON personally appeared Laksen Sirimanne personally known to me (or proved to me on the basis of satisfactory evidence) to be the person(s) whose name(s) is/are subscribed to the within instrument, and acknowledged to me that he executed the same in his authorized capacity(ies), and that by his signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

[SEAL] MARY ESTHER GABALDON
Comm. #1254624
NOTARY PUBLIC CALIFORNIA
Orange County
My Comm. Expires Feb 21, 2004

Notary Signature

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this ___ day of ______________, 20__.

Steven F. Bolling

STATE OF
COUNTY OF

ss.

On ______________, before me, ______________, personally appeared Steven F. Bolling personally known to me (or proved to me on the basis of satisfactory evidence) to be the person(s) whose name(s) is/are subscribed to the within instrument, and acknowledged to me that he executed the same in his authorized capacity(ies), and that by his signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

[SEAL] Notary Signature
IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 12th day of April, 2002.

Shawn O'Leary

STATE OF CALIFORNIA ss.

COUNTY OF ORANGE

On April 12, 2002, before me, MARY ESTHER GABALDON, personally appeared Shawn O'Leary personally known to me (or proved to me on the basis of satisfactory evidence) to be the person(s) whose name(s) is/are subscribed to the within instrument, and acknowledged to me that he executed the same in his authorized capacity(ies), and that by his signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

[SEAL]

MARY ESTHER GABALDON
Comm. # 1254624
NOTARY PUBLIC CALIFORNIA
Orange County
My Comm. Expires Feb 25, 2004

Notary Signature

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 12th day of April, 2002.

Robert Pecor

STATE OF CALIFORNIA ss.

COUNTY OF ORANGE

On April 12, 2002, before me, MARY ESTHER GABALDON, personally appeared Robert Pecor personally known to me (or proved to me on the basis of satisfactory evidence) to be the person(s) whose name(s) is/are subscribed to the within instrument, and acknowledged to me that he executed the same in his authorized capacity(ies), and that by his signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

[SEAL]

MARY ESTHER GABALDON
Comm. # 1254624
NOTARY PUBLIC CALIFORNIA
Orange County
My Comm. Expires Feb 25, 2004

Notary Signature
IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 12 day of April, 2002.

Ryan Kelly

STATE OF CALIFORNIA
COUNTY OF ORANGE ss.

On April 12, 2002 before me, MARY ESTHER GABALDON personally appeared Ryan Kelly personally known to me (or proved to me on the basis of satisfactory evidence) to be the person(s) whose name(s) is/are subscribed to the within instrument, and acknowledged to me that he executed the same in his authorized capacity(ies), and that by his signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

[SEAL]

Mary Esther Haben
Notary Signature

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 12 day of April, 2002.

Wolfgang Werner

STATE OF CALIFORNIA
COUNTY OF ORANGE ss.

On April 12, 2002 before me, MARY ESTHER GABALDON personally appeared Wolfgang Werner personally known to me (or proved to me on the basis of satisfactory evidence) to be the person(s) whose name(s) is/are subscribed to the within instrument, and acknowledged to me that he executed the same in his authorized capacity(ies), and that by his signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

[SEAL]
IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 11 day of April, 2002.

Masoud Beizai

STATE OF CALIFORNIA

COUNTY OF ORANGE

On this day in the year 2002 before me, MARY ESTHER GABALDON, personally appeared Masoud Beizai personally known to me (or proved to me on the basis of satisfactory evidence) to be the person(s) whose name(s) is/are subscribed to the within instrument, and acknowledged to me that he executed the same in his authorized capacity(ies), and that by his signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

[SEAL]

[MARY ESTHER GABALDON
Comm. #1254624
NOTARY PUBLIC/California
Orange County
My Comm. Expires Feb 25, 2004]

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