


Client Code: FORFLOW.1CP6C2

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PATENTS ONLY**

To the Director, U.S. Patent and Trademark Office: Please record the attached original documents or copy thereof.

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|---|---|
| <p>1. Name of conveying party(ies): (List using letters or numbers for multiple parties)</p> <p>1) Steven F. Bolling 2) Morteza Gharib 3) Gabriel Aldea 4) Mary Lynn Gaddis 5) Anthony J. Viole</p> <p>Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> | <p>2. Name and address of receiving party(ies):</p> <p>Name: Fore Flow Corporation Internal Address: Street Address: 20914 Bake Parkway City: Lake Forest State: CA ZIP: 92630</p> <p>Additional name(s) of receiving party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> |
| <p>3. Nature of conveyance:</p> <p><input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Security Agreement <input type="checkbox"/> Merger <input type="checkbox"/> Change of Name <input type="checkbox"/> Other:</p> <p>Execution Date: (List as in section 1 if multiple signatures)</p> <p>1) December 23, 1999 2) December 21, 1999 3) December 22, 1999 4) December 22, 1999 5) December 21, 1999</p> | <p>4. US or PCT Application number(s) or US Patent number(s):</p> <p><input checked="" type="checkbox"/> Patent No.: 7,513,863 Issue Date: April 7, 2009</p> <p>Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> |
| <p>5. Party to whom correspondence concerning document should be mailed:</p> <p>Customer No. 20,995 Address: Knobbe, Martens, Olson & Bear, LLP 2040 Main Street, 14th Floor Irvine, CA 92614 Return Fax: (949) 760-9502 Attorney's Docket No.: FORFLOW.1CP6C2</p> | <p>6. Total number of applications and patents involved: 1</p> |
| <p>7. Total fee (37 CFR 1.21(h)): \$40</p> <p><input checked="" type="checkbox"/> Authorized to be charged to deposit account</p> | <p>8. Deposit account number: 11-1410</p> <p>Please charge this account for any additional fees which may be required, or credit any overpayment to this account.</p> |
| <p>9. Statement and signature.</p> <p>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.</p> <p><u>Andrew M. Douglas</u> Name of Person Signing</p> <p> Signature</p> <p><u>September 10, 2009</u> Date</p> <p>51,212 Registration No.</p> <p>Total number of pages including cover sheet, attachments and document: 6</p> | |

Documents transmitted via Facsimile to be recorded with required cover sheet information to:

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PATENT
REEL: 023208 FRAME: 0935

CH \$40.00 111410 7513863

Application No.: Unknown
Filing Date: Herewith

Client Code: FORFLOW.001CP2
Page 1

ASSIGNMENT

WHEREAS, I, Steven F. Bolling, M.D., a U.S. citizen, residing at 3456 Daleview, Ann Arbor, Michigan 48105, have co-invented certain new and useful improvements in an IMPLANTABLE HEART ASSIST SYSTEM AND METHOD OF APPLYING SAME for which I have executed an application for Letters Patent in the United States, on even date herewith, said application being a continuation-in-part of U.S. Serial No. 09/289231 filed on April 9, 1999, which is continuation-in-part of U.S. Serial No. 09/166,005 filed on October 2, 1998;

AND WHEREAS, Fore Flow Corporation (hereinafter "ASSIGNEE"), a Delaware Corporation, with its principal place of business at 20914 Bake Parkway, Lake Forest, California 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, I, Steven F. Bolling, M.D., do hereby acknowledge that I 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 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 I 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 I HEREBY covenant and agree that I will communicate to the said ASSIGNEE, its successors, legal representatives and assigns, any facts known to me 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 23rd day of DECEMBER, 1999

Steven F. Bolling
Steven F. Bolling, M.D.

STATE OF Michigan ss.
COUNTY OF Washtenaw

On 23 Dec '99, before me, Steven F. Bolling, personally appeared Steven F. Bolling, M.D. 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]

Corinne M. Mills
Notary Signature

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CORINNE M. MILLS
Notary Public, Washtenaw County, MI
My Commission Expires 07-28-2002

Application No.: Unknown
Filing Date: Herewith

Client Code: FORFLOW.001CP2
Page 1

ASSIGNMENT

WHEREAS, I, Morteza Gharib, Ph.D., a U.S. citizen, residing at 556 S. Berkeley Avenue, San Marino, California 91180, have co-invented certain new and useful improvements in an IMPLANTABLE HEART ASSIST SYSTEM AND METHOD OF APPLYING SAME for which I have executed an application for Letters Patent in the United States, on even date herewith, said application being a continuation-in-part of U.S. Serial No. 09/289231 filed on April 9, 1999, which is continuation-in-part of U.S. Serial No. 09/166,005 filed on October 2, 1998;

AND WHEREAS, Fore Flow Corporation (hereinafter "ASSIGNEE"), a Delaware Corporation, with its principal place of business at 20914 Bake Parkway, Lake Forest, California 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, I, Morteza Gharib, Ph.D., do hereby acknowledge that I 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 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 I 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 I HEREBY covenant and agree that I will communicate to the said ASSIGNEE, its successors, legal representatives and assigns, any facts known to me 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 21 day of DEC 1999.

Morteza Gharib
Morteza Gharib, Ph.D.

STATE OF CALIFORNIA
COUNTY OF LOS ANGELES } ss.

On December 21, 1999, before me, Penelope Wolfe, Notary Public, personally appeared Morteza Gharib, Ph.D. 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]



Penelope Wolfe
Notary Signature

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Received Dec 22 14:22:11 2009
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FILING TIME
NO. 233 P. 2

Application No.: Unknown
Filing Date: Herewith

Client Code: FORFLOW.001CP2
Page 1

ASSIGNMENT

WHEREAS, I Gabriel Aldea, M.D., a U.S. citizen, residing at The Highlands, Seattle, Washington 98177, have co-invented certain new and useful improvements in an IMPLANTABLE HEART ASSIST SYSTEM AND METHOD OF APPLYING SAME for which I have executed an application for Letters Patent in the United States, on even date herewith, said application being a continuation-in-part of U.S. Serial No. 09/289231 filed on April 9, 1998, which is continuation-in-part of U.S. Serial No. 09/166,005 filed on October 2, 1998;

AND WHEREAS, Fore Flow Corporation (hereinafter "ASSIGNEE"), a Delaware Corporation, with its principal place of business at 20914 Bake Parkway, Lake Forest, California 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, I, Gabriel Aldea, M.D., do hereby acknowledge that I 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 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 I 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 I HEREBY covenant and agree that I will communicate to the said ASSIGNEE, its successors, legal representatives and assigns, any facts known to me 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 have hereunto set my hand and seal this 22 day of December, 1999.

Gabriel S. Aldea
Gabriel Aldea, M.D.

STATE OF

COUNTY OF

§
cc.

On December 22, 1999 before me, Gabriel Aldea M.D., personally appeared Gabriel Aldea, M.D., 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.



Juan Caluscio
Notary Signature

Application No.: Unknown
Filing Date: Herewith

Client Code: FORFLOW.001CP2
Page 1

ASSIGNMENT

WHEREAS, I, Mary Lynn Gaddis, a U.S. citizen, residing at 339 Cherry Tree Lane, Newport Beach, California 92660, have co-invented certain new and useful improvements in an IMPLANTABLE HEART ASSIST SYSTEM AND METHOD OF APPLYING SAME for which I have executed an application for Letters Patent in the United States, on even date herewith, said application being a continuation-in-part of U.S. Serial No. 09/289231 filed on April 9, 1999, which is continuation-in-part of U.S. Serial No. 09/166,005 filed on October 2, 1998;

AND WHEREAS, Fore Flow Corporation (hereinafter "ASSIGNEE"), a Delaware Corporation, with its principal place of business at 20914 Bake Parkway, Lake Forest, California 92660, 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, I, Mary Lynn Gaddis, do hereby acknowledge that I 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 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 I 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 I HEREBY covenant and agree that I will communicate to the said ASSIGNEE, its successors, legal representatives and assigns, any facts known to me 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 22 day of December 1999

Mary Lynn Gaddis
Mary Lynn Gaddis

STATE OF CALIFORNIA
COUNTY OF ORANGE ss.

On Dec 22 1999, before me, Misti D. Fantozzi-Anduiza, personally appeared Mary Lynn Gaddis personally known to me (~~as proved to me on the basis of satisfactory evidence~~) to be the person(s) whose name(s) (s) are subscribed to the within instrument, and acknowledged to me that she executed the same in her authorized capacity(ies), and that by her 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]



Misti D. Fantozzi-Anduiza
Notary Signature

Application No.: Unknown
Filing Date: Herewith

Client Code: FORFLOW.001CP2
Page 1

ASSIGNMENT

WHEREAS, I, Anthony J. Violo, a U.S. citizen, residing at 24 Camarin Street, Foothill Ranch, California 92610, have co-invented certain new and useful improvements in an IMPLANTABLE HEART ASSIST SYSTEM AND METHOD OF APPLYING SAME for which I have executed an application for Letters Patent in the United States, on even date herewith, said application being a continuation-in-part of U.S. Serial No. 09/289231 filed on April 9, 1999, which is continuation-in-part of U.S. Serial No. 09/166,005 filed on October 2, 1998;

AND WHEREAS, Fore Flow Corporation (hereinafter "ASSIGNEE"), a Delaware Corporation, with its principal place of business at 20914 Bake Parkway, Lake Forest, California 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, I, Anthony J. Violo, do hereby acknowledge that I 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 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 I 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 I HEREBY covenant and agree that I will communicate to the said ASSIGNEE, its successors, legal representatives and assigns, any facts known to me 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 21 day of December 1999

Anthony J. Violo
Anthony J. Violo

STATE OF CALIFORNIA)
) ss.
COUNTY OF ORANGE)

On Dec. 21, 1999, before me, Misti D. Fantozzi-Anduiza, personally appeared Anthony J. Violo personally known to me (or proved to me on the basis of satisfactory evidence) to be the person(s) whose name(s) (is) 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]



Misti D. Fantozzi-Anduiza
Notary Signature

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PATENT