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03-03-2003

FLH Ref. No.: 910000-2016

FORM PTO-1595
(Rev. 6-93)

RECO,

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To the Honorable Commissioner of Patents at

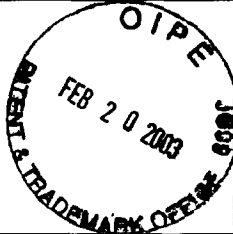
enclose the attached original documents or copy thereof.

1. Name of conveying party(ies)
Jeffrey T. BORNSTEIN, Kevin R. KING, Eli WEINBERG
Additional name(s) of conveying party(ies) attached?
 Yes No

2. Name and address of receiving party(ies)
Name: **The Charles Stark Draper Laboratory Inc.**
Internal Address:

Street Address: **555 Technology Square**
City: **Cambridge** State: **MA** Zip: **02139**

3. Nature of conveyance:
 Assignment
 Security Agreement
 Merger
 Change of Name
 Other



Additional name(s) & address(es) attached? Yes No

Execution Date: 2/20/03, 2/20/03, 2/20/03 respectively

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

If this document is being filed together with a new application, the execution date of the application is:

A. Patent Application No. 10/187,247 B. Patent No.(s)

Additional numbers attached? Yes No

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

Name: **Thomas J. Kowalski, Esq.**
Amy Leahy, Ph.D.
Internal Address: **Frommer Lawrence & Haug LLP**
Street Address: **745 Fifth Avenue**
City: **New York** State: **NY** Zip: **10151**

6. Total number of applications and patents involved **1**

7. Total fee (37 CFR 3.41)..... **\$ 40.00**
 Enclosed
 Authorized to be charged to deposit account #50-0320

8. Deposit account number: **50-0320**
(Attach duplicate copy of this page if paying by deposit account)

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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.

Amy Leahy, Ph.D..

February 20, 2003

Name of Person Signing

Signature

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

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PATENT
REEL: 013790 FRAME: 0817

FLH Docket No.
910000-2016

INVENTION/PATENT APPLICATION ASSIGNMENT
FROM INVENTOR(S) TO COMPANY

WHEREAS I/WE Jeffrey T. BORENSTEIN of 936 Highland Street, Holliston, MA 01746; Kevin R. KING of 5238 Harvey Avenue, Western Springs, IL 60558; Chiao-Chun WANG of c/o The Charles Stark Draper Laboratory Inc., 555 Technology Square, Cambridge, MA 02139 and Eli WEINBERG of c/o The Charles Stark Draper Laboratory Inc., 555 Technology Square, Cambridge, MA 02139, respectively, have made a certain new and useful invention as set forth in an application for United States Letters Patent, entitled: **FABRICATION OF VASCULARIZED TISSUE USING MICROFABRICATED TWO-DIMENSIONAL MOLDS**, executed by us on the date of execution of this document, as shown below, and filed concurrently herewith;

and

is a CIP of U.S.S.N. 09/560,480, filed April 28, 2000, which claims priority to U.S.S.N. 60/131,930 filed April 30, 1999, and U.S.S.N. 60/165,329, filed November 12, 1999. This application also claims priority to U.S.S.N. 60/367,675, filed March 25, 2002, and to U.S.S.N. 10/038,891, filed January 2, 2002, which claims priority to U.S.S.N. 60/259,283, filed January 2, 2001.;

AND WHEREAS, The Charles Stark Draper Laboratory Inc. a corporation of the State of Massachusetts and having an address of 555 Technology Square, Cambridge, MA 02139, U.S.A., hereinafter referred to as assignee, is desirous of acquiring the entire right, title and interest in and to said invention and in and to any and all Letters Patent of the United States and foreign countries that may be obtained therefor;

NOW, THEREFORE, for good and valuable consideration, the receipt for and sufficiency of which is hereby acknowledged, We do hereby sell, assign, transfer and set over unto said assignee, its legal representatives, successors, and assigns, the entire right, title and interest in and to said invention as set forth in the above-mentioned application, including any continuations, continuations-in-part, divisions, reissues, re-examinations or extensions thereof, and in and to any and all patents of the United States and foreign countries that may be issued for said invention;

UPON SAID CONSIDERATIONS, We hereby agree with the said assignee that We will not execute any writing or do any act whatsoever conflicting with these presents, and that We will, at any time upon request, without further or additional consideration but at the expense of said assignee, execute such additional assignments and other writings and do such additional acts as said assignee may deem necessary or desirable to perfect the assignee's enjoyment of this grant, and render all necessary assistance in making application for and obtaining original, divisional, continuations, continuations-in-part, reexamined, reissued, or extended Letters Patent of the United States or of any and all foreign countries on said invention, and in enforcing any rights or causes of action accruing as a result of such applications or patents, by giving testimony in any proceedings or transactions involving such applications or patents, and by executing preliminary statements and other affidavits, it being understood that the foregoing covenant and agreement shall bind, and inure to the benefit of the assigns and legal representatives of assignor and assignee;

AND We request the Commissioner of Patents and Trademarks to issue any Letters Patent of the United States that may be issued for said invention to said assignee, its legal representatives, successors or assigns, as the sole owner of the entire right, title and interest in and to said patent and the invention covered thereby.

Date

2/20/03

Signature

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**INVENTION/PATENT APPLICATION ASSIGNMENT
FROM INVENTOR(S) TO COMPANY**

WHEREAS I/WE Jeffrey T. BORENSTEIN of 936 Highland Street, Holliston, MA 01746; Kevin R. KING of 5238 Harvey Avenue, Western Springs, IL 60558; Chiao-Chun WANG of c/o The Charles Stark Draper Laboratory Inc., 555 Technology Square, Cambridge, MA 02139 and Eli WEINBERG of c/o The Charles Stark Draper Laboratory Inc., 555 Technology Square, Cambridge, MA 02139, respectively, have made a certain new and useful invention as set forth in an application for United States Letters Patent, entitled: **FABRICATION OF VASCULARIZED TISSUE USING MICROFABRICATED TWO-DIMENSIONAL MOLDS**, executed by us on the date of execution of this document, as shown below, and filed concurrently herewith;

and

is a CIP of U.S.S.N. 09/560,480, filed April 28, 2000, which claims priority to U.S.S.N. 60/131,930 filed April 30, 1999, and U.S.S.N. 60/165,329, filed November 12, 1999. This application also claims priority to U.S.S.N. 60/367,675, filed March 25, 2002, and to U.S.S.N. 10/038,891, filed January 2, 2002, which claims priority to U.S.S.N. 60/259,283, filed January 2, 2001.;

AND WHEREAS, **The Charles Stark Draper Laboratory Inc.** a corporation of the State of **Massachusetts** and having an address of **555 Technology Square, Cambridge, MA 02139, U.S.A.**, hereinafter referred to as assignee, is desirous of acquiring the entire right, title and interest in and to said invention and in and to any and all Letters Patent of the United States and foreign countries that may be obtained therefor;

NOW, THEREFORE, for good and valuable consideration, the receipt for and sufficiency of which is hereby acknowledged, We do hereby sell, assign, transfer and set over unto said assignee, its legal representatives, successors, and assigns, the entire right, title and interest in and to said invention as set forth in the above-mentioned application, including any continuations, continuations-in-part, divisions, reissues, re-examinations or extensions thereof, and in and to any and all patents of the United States and foreign countries that may be issued for said invention;

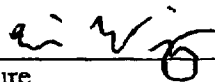
UPON SAID CONSIDERATIONS, We hereby agree with the said assignee that We will not execute any writing or do any act whatsoever conflicting with these presents, and that We will, at any time upon request, without further or additional consideration but at the expense of said assignee, execute such additional assignments and other writings and do such additional acts as said assignee may deem necessary or desirable to perfect the assignee's enjoyment of this grant, and render all necessary assistance in making application for and obtaining original, divisional, continuations, continuations-in-part, reexamined, reissued, or extended Letters Patent of the United States or of any and all foreign countries on said invention, and in enforcing any rights or causes of action accruing as a result of such applications or patents, by giving testimony in any proceedings or transactions involving such applications or patents, and by executing preliminary statements and other affidavits, it being understood that the foregoing covenant and agreement shall bind, and inure to the benefit of the assigns and legal representatives of assignor and assignee;

AND We request the Commissioner of Patents and Trademarks to issue any Letters Patent of the United States that may be issued for said invention to said assignee, its legal representatives, successors or assigns, as the sole owner of the entire right, title and interest in and to said patent and the invention covered thereby.

Date

1.20.03

Signature



FLH Docket No.
910000-2016

2/20/03
Date

Date

Date

[Handwritten Signature]
Signature

Signature

Signature
