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FORM PTO-1595 (Rev. 6-93) OMB No. 0651-0011 (exp. 4/94)

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U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office

Please record the attached original documents or copy thereof.		
	Name of conveying party(ies): Martha M. Murray Michael F. Murray Jennifer Marler (Executed 10/17/01) (Executed 10/17/01) Additional name(s) of conveying party(ies) attached? Yes No Nature of conveyance:	2. Name and address of receiving party(ies) Name: The Brigham and Women's Hospital, Inc. Internal Address: 75 Francis Street Boston, MA 02115 Street Address: 75 Francis Street Boston, MA 02115
	Assignment	Additional name(s) & address(es) attached?
4.	Application number(s) or patent number(s): If this document is being filed together with a new application, the execution data. A. Patent Application No(s): 09/917,058 Additional numbers attack	ate of the application is B. Patent No(s): ched? □ Yes ☒ No
	Name and address of party to whom correspondence Concerning document should be mailed: Name: Ivor R. Elriñ Address: MINTZ, LEVIN, COHN, FERRIS GLOVSKY and POPEO, P.C. One Financial Center Boston, MA 02111	6. Total number of applications and patents involved: [1] 7. Total fee (37 CFR 3.41) \$40.00 ☑ Enclosed ☑ The Commissioner is authorized to charge Deposit Account No: 50-0311, Reference No. 18989-001CIP (BWH-1 CIP).
DO NOT USE THIS SPACE 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.		
C	ynthia A. Kozakiewicz, Reg. No. 42,764	10/2/101
Tota	al number of pages including cover sheet, attachments, and document: [5]	

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BOX ASSIGNMENT Commissioner of Patents and Trademarks Washington, D.C. 20231 Express Mail Label No.: EL390884274US Date of Deposit: October 25, 2001

Attorney Docket No. 18989-001CIP BWH-1CIP

ASSIGNMENT

We, Martha M. Murray, M.D., Michael F. Murray, M.D., and Jennifer Marler, M.D., the undersigned, for good and valuable consideration, the receipt of which is hereby acknowledged, hereby assign, sell and transfer to the BRIGHAM AND WOMEN'S HOSPITAL INC., a Massachusetts nonprofit organization, with offices at 75 Francis Street, Boston, Massachusetts 02115 and its successors, assigns and legal representatives, all hereinafter referred to as the ASSIGNEE: (1) our entire right, title and interest for the United States and in all countries, in and to any and all inventions, discoveries and applications which are disclosed in the application for United States Letters Patent entitled:

BIOLOGIC REPLACEMENT FOR FIBRIN CLOT

filed with the U.S. PATENT AND TRADEMARK OFFICE on July 27, 2001 and assigned Serial No. 09/917,058, including any renewals, revivals, reissues, reexaminations, extensions, continuations and divisions thereof and any substitute applications therefor; (2) the full and complete right to file patent applications in the name of the ASSIGNEE, its designee, or in my name at the ASSIGNEE, or its designee's election, on the aforesaid inventions, discoveries and applications in all countries of the world; (3) the entire right, title and interest in and to any Letters Patent which may issue thereon in the United States or in any country, and any renewals, revivals, reissues, reexaminations and extensions thereof, and any patents of confirmation, registration and importation of the same; and (4) the entire right, title and interest in all Convention and Treaty Rights of all kinds thereon, including without limitation all rights of priority in any country of the world, in and to the above inventions, discoveries and applications.

I hereby authorize and request the competent authorities to grant and to issue any and all such Letters Patent in the United States and throughout the world to the ASSIGNEE of the entire right, title and interest therein, as fully and entirely as the same would have been held and enjoyed by me/us had this assignment, sale and transfer not been made.

I agree, at any time, upon the request of the ASSIGNEE, to execute and to deliver to the ASSIGNEE any additional applications for patents for said inventions and discoveries, or any part or parts thereof, and any applications for patents of confirmation, registration and importation based on any Letters Patent issuing on said inventions, discoveries, or applications and divisions, continuations, renewals, revivals, reissues, reexaminations and extensions thereof.

I further agree at any time to execute and to deliver upon request of the ASSIGNEE such additional documents, if any, as are necessary or desirable to secure patent protection on said inventions, discoveries and applications throughout all countries of the world, and otherwise to do the necessary to give full effect to and to perfect the rights of the ASSIGNEE under this Assignment, including the execution, delivery and procurement of any and all further documents evidencing this assignment, transfer and sale as may be necessary or desirable.

PATENT REEL: 012558 FRAME: 0630 I hereby covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment.

I further covenant that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR and will testify as to the same in any interference, litigation or proceeding related thereto and will promptly execute and deliver to ASSIGNEE or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof.

Date:	
State of Language State of Suffer la	Signature of: Martha M. Murray, M.D.
Subscribed and sworn to before me this	\sim \sim \sim \sim
	Notary Public My commission expires 9/10/04
Date: 10/17/01	Signature of: Michael F. Murray, M.D.
State of Massachusetts County of Suffalk	Signature of: Michael F. Murfay, M.D.
Subscribed and sworn to before me this	day of October, 2001. Margaret G. Connor Notary Public
	Notary Public My commission expires 1/29/07

RECORDED: 10/25/2001