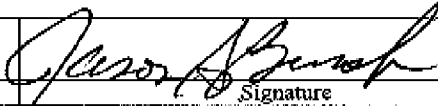


Form PTO-1595 (Rev. 6-93)		RECORDATION FORM COVER SHEET		U.S. Department of Commerce Patent and Trademark Office	
PATENTS ONLY					
To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.					
1. Name of conveying party(ies): Guillermo J. Tearney Brett Eugene Bouma			2. Name and address of receiving party(ies): The General Hospital Corporation 55 Fruit Street Boston, Massachusetts 02114		
3. Nature of Conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Security Agreement <input type="checkbox"/> Merger <input type="checkbox"/> Change of Name <input type="checkbox"/> Other					
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(s): US Patent Application No. 10/137,749			B. Patent No(s):		
Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No					
5. Name and address of party to whom correspondence concerning document should be mailed: Name: BERNSTEIN & ASSOCIATES, P.C. 6600 Peachtree Dunwoody Road, N.E. Embassy Row 400, Suite 495 Atlanta, Georgia 30328-1649 File No.: 0375.3-1-2			6. Total number of application and patents involved: 1		
			7. Total fee (37 CFR 3.41) \$ 40.00 <input type="checkbox"/> Enclosed <input checked="" type="checkbox"/> Authorized to be charged to deposit account 02-2138		
			8. Please charge Deposit Account No. 02-2138 for any deficiency balance or credit.		
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:					
Jason A. Bernstein Reg. No. 31,236				7-31-02	
Name of Person Signing		Signature		Date of Signature	
No. of Pages including cover sheet, attachments, and document:					

Mail documents to be recorded with required cover sheet information to:
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700015543

PATENT
REEL: 012943 FRAME: 0296

MGH 1748
0375.3-1-2**ASSIGNMENT**

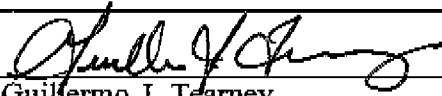

We, Guillermo J. Tearney, of 118 Kinnaird St., #3, Cambridge, Massachusetts 02139 and Brett Eugene Bouma, of 12 Monmouth Street, Quincy, Massachusetts 02171 (hereinafter collectively, the "Assignor"), in consideration of One Dollar and other valuable consideration paid to us by The General Hospital Corporation, a Massachusetts corporation, maintaining its principal place of business at 55 Fruit Street, Boston, Massachusetts 02114 ("Assignee"), the receipt of which is hereby acknowledged, do hereby sell, assign, and transfer unto Assignee, its successors and assigns, the entire right, title and interest, including the right to sue for past infringement, for the United States of America and all foreign countries including all rights of priority under the International Convention for the Protection of Industrial Property in a certain invention or improvement in the invention entitled:

**METHOD AND APPARATUS FOR DETERMINATION OF ATHEROSCLEROTIC PLAQUE TYPE
BY MEASUREMENT OF TISSUE OPTICAL PROPERTIES**

filed in the United States Patent and Trademark Office on May 1, 2001, and assigned U.S. Provisional Patent Application No. 60/287,899, and also filed as a regular patent application on May 1, 2002, and assigned Application No. 10/137,749, and also filed as Patent Cooperation Treaty Application No. PCT/US02/13947, and in all Letters Patent of the United States and all foreign countries which may or shall be granted on said invention, or any parts thereof, or on said application, or any divisional, continuation, continuation-in-part, reissue or other applications, based in whole or in part thereon. And we agree, for ourselves and our executors and administrators, with Assignee and its successors and assigns but at its or their expense and charges, hereafter to execute all applications, amended specifications, deeds or other instruments, and to do all acts necessary or proper to secure the grant of Letters Patent in the United States and in all other countries to Assignee, with specifications and claims in such form as shall be approved by the counsel of Assignee and to vest and confirm in Assignee its successors and assigns, the legal title to all such patents.

And we do hereby authorize and request the Assistant Commissioner for Patents and Trademarks of the United States to issue such Letters Patent as shall be granted upon said application or applications based thereon to Assignee, its successors and assigns.

IN TESTIMONY WHEREOF, we have hereunto set our hands and affixed our seals on the date set forth below.

State of: <u>MASSACHUSETTS</u>	 Guillermo J. Tearney
County of: <u>SUFFOLK</u>)ss.	
There personally appeared before me the above-named Guillermo J. Tearney and acknowledged the foregoing instrument to be his free act and deed, this <u>19th</u> day of <u>JUNE</u> , 2002.	
 Notary Public	
My Commission expires: <u>9/23/05</u>	

State of: MASSACHUSETTS
County of: SUFFOLK)ss.

Brett E. Bouma
Brett Eugene Bouma

There personally appeared before me the above-named Brett Eugene Bouma and acknowledged the foregoing instrument to be his free act and deed, this 19th day of JUNE, 2002.

[Signature]
Notary Public

My Commission expires: 9/23/05

0375.3-1-2P Assignment.doc