Docket No.: BP9702US-CP1-DV1 07-12-2001 FORM PTO-1595 (Modified) EET U.S. DEPARTMENT OF COMMERCE (Rev. 6-93) Patent and Trademark Office OMB No. 0651-0011 (exp.4/94) Copyright 1994-97 LegalStar P08/REV02 101775572 Tab settings → → To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof. 1. Name of conveying party(ies): 2. Name and address of receiving party(ies): James M. Coull Brian D. Gildea Boston Probes, Inc. Name: Jens J. Hyldig-Nielsen Internal Address: ☐ Yes 🛛 No Additional names(s) of conveying party(ies) 3. Nature of conveyance: Street Address: 75E Wiggins Ave ☐ Merger ☐ Security Agreement Change of Name City: Bedford _____ State: MA ZIP: 01730 ☐ Other Execution Date: 4. Application number(s) or registration numbers(s): If this document is being filed together with a new application, the execution date of the application is: June 22, 2001 B. Patent No.(s) A. Patent Application No.(s) Additional numbers attached? ☐ Yes 5. Name and address of party to whom correspondence 6. Total number of applications and patents involved: concerning document should be mailed: Name: Brian D. Gildea, Esq. 7. Total fee (37 CFR 3.41):....\$ 40.00 ☐ Enclosed - Any excess or insufficiency should be Internal Address: credited or debited to deposit account Authorized to be charged to deposit account Street Address: Boston Probes, Inc. 8. Deposit account number: 75 Wiggins Ave 02-3240 State: MA ZIP: 01730 City: Bedford 07/12/2001 ANNED1 00000034 023240 DO NOT USE THIS SPACE 01 FC:581 40.00 CH

Name of Person Signing
Total number of pages including cover sheet, attachments, and document:

June 22, 2001

Signature

Date

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy

9. Statement and signature.

of the original document.

REEL: 011959 FRAME: 0861

ASSIGNMENT

WHEREAS, we, James M. Coull, Brian D. Gildea, and Jens J. Hyldig-Nielsen, have invented one or more improvements in:

Methods, Kits and Compositions Pertaining to PNA Molecular Beacons described in an application for Letters Patent of the United States:

[x] executed by me of even date States Patent Office;	herewith and about to be filed in the United
[] Serial No filed in	the United States Patent Office on; and
·	hereinafter "ASSIGNEE"), a corporation the State of Delaware, and having a usual

organized and existing under the laws of the State of Delaware, and having a usual place of business at 75E Wiggins Avenue, Bedford, MA 01730, desires to acquire an interest therein in accordance with agreements duly entered into with me;

NOW, THEREFORE, to all whom it may concern be it known that for and in consideration of the said agreements and of other good and valuable consideration, the receipt of which is hereby acknowledged, we have sold, assigned and transferred and by these presents do hereby sell, assign and transfer unto said ASSIGNEE, its successors, assigns, and legal representatives, the entire right, title and interest in and throughout the United States of America, its territories and all foreign countries, in and to the said invention as described in said application, together with the entire right, title and interest in and to the said application and such Letters Patent as may issue thereon; said invention, application and Letters Patent to be held and enjoyed by said ASSIGNEE for its own use and behalf and for its successors, assigns and legal representatives, to the full end of the term for which said Letters Patent may be granted as fully and entirely as the same would have been held by me had this assignment and sale not been made; we hereby convey all rights arising under or pursuant to any and all international agreements, treaties or laws relating to the protection of industrial property by filing any such applications for Letters Patent. we hereby acknowledge that this assignment, being of the entire right, title and interest in and to said invention, carries with it the right in ASSIGNEE to apply for and obtain from competent authorities in all countries of the world any and all Letters Patent by attorneys and agents of ASSIGNEE's selection and the right to procure the grant of all Letters Patent to ASSIGNEE for its own name as assignee of the entire right, title and interest therein.

AND, we hereby further agree for myself and my executors and administrators to execute upon request any other lawful documents and likewise to perform any other lawful acts which may be deemed necessary to secure fully the aforesaid invention to said ASSIGNEE, its successors, assigns and legal representatives, but at its or their expense and charges, including the execution of applications for patents in foreign

PATENT REEL: 011959 FRAME: 0862 countries, and the execution of substitution, reissue, divisional or continuation applications and or preliminary or other statements and the giving of testimony in any interference or other proceeding in which said invention or any application or patent directed thereto may be involved; and we further hereby authorize ASSIGNEE or its attorneys or agents to insert the correct serial number and filing date into this assignment if appropriate.

AND, we do hereby authorize and request the Commissioner of Patents of the United States to issue such Letters Patent as shall be granted upon said application or applications based thereon to said ASSIGNEE, its successors, assigns, and legal representatives.

IN TESTIMONY WHEREOF, I hat the date set forth below.	James M. Coull	
State/Commonwealth of Massachusetts)	
County of Middlesex	ss.	
Subscribed and sworn to before reduced day of,	ne, by the above-named James M. Coull this $20\underline{0}$.	
	Brian D. Gildea	
State/Commonwealth of Massachusetts)		
County of Middlesex	ss.	
	ne, by the above-named Brian D. Gildea this 2001.	

	I Glace & C	
Jens J.	Hy/ldig-Nielsen	
(/	// /	
State/Commonwealth of Massachusetts)		
SS.		
County of Middlesex)		
Subscribed and sworn to before me, by the above-named Jens J. Hyldig-Nielsen this		