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4/26/99

<p>1. Names of all conveying parties:</p> <p>Stephen B. Calderwood</p> <p>Additional names attached: NO</p>	<p>2. Names and addresses of all receiving parties:</p> <p>The General Hospital Corporation 55 Fruit Street, Boston, MA 02114</p> <p>Additional names/addresses attached: NO</p>
<p>3. Nature of conveyance:</p> <p><input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other: _____</p> <p>Execution Date: April 19, 1999</p>	
<p>4. Application numbers or patent numbers:</p> <p>A. Patent Application Numbers:</p> <p>08/715,484</p>	<p>B. Patent Numbers:</p>
<p>5. Name and address of party to whom correspondence concerning document should be mailed:</p> <p>Karen L. Elbing, Ph.D. Reg. No. 35,238 Clark & Elbing LLP 176 Federal Street Boston, MA 02110</p>	<p>6. Total number of applications/patents involved: 1</p> <p>7. Total fee (37 CFR 3.41): \$40.00 <input checked="" type="checkbox"/> Fee enclosed <input type="checkbox"/> Authorized to charge deposit account</p> <p>8. Deposit account number: 03-2095. If the fee above is being charged to deposit account, a duplicate copy of this cover sheet is attached. Please apply any additional charges, or any credits, to Deposit Account No. 03-2095.</p>

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9. Statement and signature: *To the best of my knowledge and belief, the foregoing information is true and correct and the attached is the original document.*

Karen L. Elbing, Ph.D.
Name of person signing

[Signature]
Signature

26 April 1999
Date

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**PATENT
REEL: 9915 FRAME: 0884**

ASSIGNMENT

For valuable consideration, I,

Full Name of Assignor	City	State (and Country if not USA)
Stephen B. Calderwood	Wellesley	Massachusetts

hereby assign to

Full Name of Assignee	State of Incorporation	Business Address
The General Hospital Corporation	Massachusetts	55 Fruit Street, Boston, MA 02114

and to its successors and assigns (collectively hereinafter called "the Assignee"), the entire right, title and interest throughout the world in the inventions and improvements which are subject of one or more applications for United States Patent signed by us, identified as:

Title of Application	Filing Date	Serial Number
Cleaved Amplified RFLP Detection Methods	September 18, 1996	08/715,484

and I authorize and request the attorneys appointed in said application to hereafter complete this assignment by inserting above the filing date and serial number of said application when known; this assignment includes said application, any and all United States and foreign patents, utility models, and design registrations granted for any of said inventions or improvements, and the right to claim priority based on the filing date of said application under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes; and I authorize the Assignee to apply in all countries in my name or in its own name for patents, utility models, design registrations and like rights of exclusion, and for inventors' certificates for said inventions and improvements; and I agree for me and my respective heirs, legal representatives and assigns, without further compensation, to perform such lawful acts and to sign such further applications, assignments, Preliminary Statements and other lawful documents as the Assignee may reasonably request to effectuate fully this assignment.

IN WITNESS WHEREOF, I hereto set my hand and seal at Boston, MA,
this 19th day of April, 1999

Stephen B Calderwood L.S.
Stephen B. Calderwood

STATE OF Massachusetts:

COUNTY OF Suffolk : :ss.

Before me this 19th day of April, 1999, personally appeared Stephen B. Calderwood known to me to be the person whose name is subscribed to the foregoing Assignment, and acknowledged that he/she executed the same as his/her free act and deed for the purposes therein contained.

Jean Carrière
Notary Public

My Commission Expires: MAY 20, 2005

[Notary's Seal Here]