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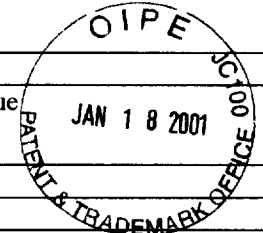
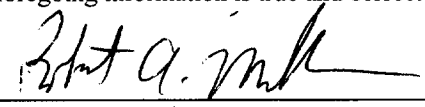
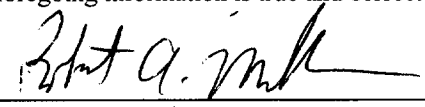
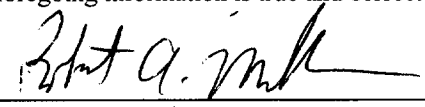
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PATENTS ONLY

Our Ref.: CL000718

Commissioner of Patents and Trademarks
Box Assignment, Washington, D.C. 20231

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

<p>1. Name of conveying party(ies): Robert HOLT Hamilton O. SMITH Cynthia PFANNKOCH</p> <p style="text-align: right; font-size: 2em;">1-18-01</p> <p>Additional name/s of conveying party/ies attached? <input type="checkbox"/></p> <p>3. Nature of conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Assignment <input type="checkbox"/> Change of Name <input type="checkbox"/> Other</p> <p>Execution Date: <u>January 17, 2001</u></p>	<p>2. Name and address of receiving party(ies):</p> <p>Name: <u>PE Corporation (NY)</u> Internal Address: _____ Street Address: <u>761 Main Avenue</u> _____ _____ City: <u>Norwalk</u> State/Country: <u>Conneticut</u> Zip: <u>06859</u></p> <p style="text-align: right;">  </p> <p>Additional name/s & address/es attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>			
<p>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: _____</p> <table border="0" style="width: 100%;"> <tr> <td style="width: 50%;"> <p>A. Patent Application No(s). (1) <u>09/609,815, Filed 3 July 2000</u> (2) _____ (3) _____</p> </td> <td style="width: 50%;"> <p>B. Patent No(s). (1) _____ (2) _____ (3) _____</p> </td> </tr> </table> <p style="text-align: center;">Additional numbers attached <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>		<p>A. Patent Application No(s). (1) <u>09/609,815, Filed 3 July 2000</u> (2) _____ (3) _____</p>	<p>B. Patent No(s). (1) _____ (2) _____ (3) _____</p>	
<p>A. Patent Application No(s). (1) <u>09/609,815, Filed 3 July 2000</u> (2) _____ (3) _____</p>	<p>B. Patent No(s). (1) _____ (2) _____ (3) _____</p>			
<p>5. Name and address of party to whom correspondence concerning document should be mailed:</p> <p>Name: <u>Celera Genomics Corporation</u></p> <p>Internal Address: _____</p> <p>Street Address: <u>45 West Gude Drive, C2-4#20</u></p> <p>City: <u>Rockville</u> State: <u>MD</u> Zip: <u>20850</u></p>	<p>6. Total number of applications & patents involved: <u>1</u></p> <p>7. Total fee (37 CFR 3.41) \$ <u>40.00</u> <input type="checkbox"/> Enclosed <input checked="" type="checkbox"/> Authorized to be charged to deposit account #50-0970</p> <p>8. The Commissioner is hereby authorized to charge any deficiency in the fee(s) filed, or asserted to be filed, or which should have been filed herewith (or with any paper thereafter filed in this application by this company) to our Account No. 50-0970.</p>			
<p>DO NOT USE THIS SPACE</p>				
<p>9. Statements 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.</p> <table border="0" style="width: 100%;"> <tr> <td style="width: 30%; text-align: center;"> <u>Robert A. Millman</u> Name of Person Signing Reg. No. 36,217 </td> <td style="width: 40%; text-align: center;">  Signature </td> <td style="width: 30%; text-align: center;"> <u>January 18, 2001</u> Date </td> </tr> </table> <p style="text-align: right;">Total number of pages including original cover sheet, attachments, and document: [3]</p>		<u>Robert A. Millman</u> Name of Person Signing Reg. No. 36,217	 Signature	<u>January 18, 2001</u> Date
<u>Robert A. Millman</u> Name of Person Signing Reg. No. 36,217	 Signature	<u>January 18, 2001</u> Date		

(01/19/2001 SDJONG 00000119 500970 09609815)
04 FC:581 40.00 CH

ASSIGNMENT OF PATENT APPLICATION

(Inventors) Robert HOLT
Hamilton O. SMITH
Cynthia PFANNKOCH



In consideration of the sum of One Dollar (\$1.00) or equivalent and other good and valuable consideration paid to each of the undersigned, the undersigned agree(s) to assign, and hereby sell(s) and assign(s) to **PE Corporation (NY)**, a New York corporation, located at 761 Main Avenue, Norwalk, CT 06859 (the Assignee) his/her entire right, title and interest

check applicable box(es) for the United States of America (as defined in 35 U.S.C. Sec. 100),
 and throughout the world

in the invention(s) known as
METHODS AND KITS FOR OBTAINING DNA END SEQUENCE INFORMATION FOR LARGE CLONED INSERTS AND USES THEREOF (Dkt No. CL000718)

for which the undersigned has (have) executed on even date herewith an application for patent in the United States of America or, if not on even date, then has executed on _____ or has already filed U.S. Application Serial No. 09/609,815 on 3 July 2000, in any and all applications thereon in any and all Letters Patent(s) therefor, and in any and all reissues, extensions, renewals, reexaminations, divisions and continuations of such applications or Letters Patent(s) to the full end of the term or terms for which such Letters patent(s) issue, such entire right, title and interest to be held and enjoyed by the above-named Assignee the same as they would have been held and enjoyed by the undersigned had this assignment and sale not been made.

The undersigned agree(s) to execute all papers necessary in connection with the application(s) and any continuing, divisional, reissue, reexamination or corresponding application(s) thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.

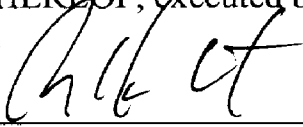
The undersigned agree(s) to execute all papers necessary in connection with any interference which may be declared concerning the application(s) or any continuation, division, reissue or reexamination thereof and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference.

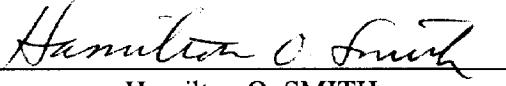
The undersigned hereby covenant(s) that he has (they have) full right to convey the entire interest herein assigned, and that he has (they have) not executed, and will not execute, any agreement in conflict therewith.

The undersigned hereby grant(s) Robert Millman (Reg. No. 36,217), Michael J. Schmelzer (Reg. No. 43,093), and Justin D. Karjala (Reg. No. 43,704), telephone (240)453-3067,

with a mailing address at: Celera Genomics Corp., Attn: Robert Millman, Patent Director, 45 West Gude Drive, C2-4#20, Rockville, MD 20850-1159, power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

IN WITNESS WHEREOF, executed by the undersigned on the date(s) opposite the undersigned name(s).

Inventor's Signature:  Date: 1/17/01
Robert HOLT

Inventor's Signature:  Date: 1/17/01
Hamilton O. SMITH

Inventor's Signature:  Date: 1/17/01
Cynthia PFANNKOCH

Witnessed By : _____ Date : _____