

12-1401



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

101922062

BOX ASSIGNMENTS

1. Name of conveying party(ies): Leslie A. Johnston-Dow; Camille B. White; Keming Song; Robert Kohlenberger; Morgan Conrad; and Angela Myers		2. Name and address of receiving party(ies): Name: Perkin-Elmer Corporation	
Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		Internal Address:	
3. Nature of conveyance:		Street Address: 850 Lincoln Centre Drive	
<input checked="" type="checkbox"/> Assignment	<input type="checkbox"/> Merger	City: Foster City	
<input type="checkbox"/> Security Agreement	<input type="checkbox"/> Change of Name	State: CA	Zip Code: 94404
<input type="checkbox"/> Other:		Additional name(s) & Address(es) attached?	
Execution Date: March 18, 1999; February 9, 1999; February 11, 1999; February 5, 1999; February 5, 1999; and February 4, 1999		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
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:			
A. Patent Application Number(s): U.S. Patent Application Serial No. <u>09/158,695</u> , filed September 21, 1998		B. Patent Number(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:		6. Total number of applications and registrations involved: 1	
Name: M. Paul Barker		7. Total fee (37 CFR 3.41): \$40	
Internal Address: FINNEGAN, HENDERSON, FARABOW, GARRETT & DUNNER, L.L.P.		<input checked="" type="checkbox"/> Enclosed (Please charge deficiency to deposit account)	
Street Address: 1300 I Street, N.W.		<input type="checkbox"/> Authorized to be charged to deposit account	
City: Washington, D.C.			
State:	Zip: 20005-3315	8. Deposit Account No.: <u>06-0916</u>	
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.			
M. Paul Barker Reg No 32,013		December 14, 2001	
Name of Person Signing		Signature	
		Date	
Total number of pages including cover sheet, attachments and documents: 9			
Express Mail Label: EL 589697221 US		Date of Deposit: December 14, 2001	
I hereby certify that this correspondence is being deposited with the United States Postal Services "Express Mail Post Office to Addressee" service under 37 CFR 301.10 on the date indicated above and is addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231.			
Sarah M. Barnett			

12/19/2001 LUMPELLER 0000033 09158695 01 FC-581

ASSIGNMENT

WHEREAS I/We, the below named inventor(s), [hereinafter referred to as Assignor(s)], have made an invention entitled:

NOVEL METHODS FOR HIV SEQUENCING AND GENOTYPING

(Title of Invention)

for which I/WE executed an application for United States Letters Patent concurrently herewith or filed an application for United States Letters Patent on September 21, 1998 (Serial No. 09/158,695); and

WHEREAS, Perkin-Elmer Corporation

(Full Name of Assignee)

a corporation of New York

(Country of Incorporation)

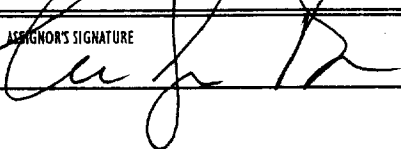
whose post office address is 850 Lincoln Centre Drive, Foster City, California 94404, United States of America

(hereinafter referred to as Assignee), is desirous of securing the entire right, title, and interest in and to this invention, the application for United States Letters Patent on this invention and the Letters Patent to be issued upon this application;

NOW THEREFORE, be it known that, for good and valuable consideration the receipt of which from assignee is hereby acknowledged, I/WE, as assignor(s), have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the assignee, its lawful successors and assigns, my/our entire right, title, and interest in and to this invention and this application, and all divisions, and continuations thereof, and all Letters Patent of the United States which may be granted thereon, and all reissues thereof; and I/WE hereby authorize and request the Commissioner of Patents and Trademarks of the United States to issue all Letters Patent for this invention to assignee, its successors and assigns, in accordance with the terms of this Assignment; And, I/We hereby covenant that I/We have the full right to convey the interest assigned by this Assignment, and I/We have not executed and will not execute any agreement in conflict with this Assignment;

AND, I/WE HEREBY further covenant and agree that I/We will, without further consideration, communicate with assignee, its successors and assigns, any facts known to me/us respecting this invention and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver all papers that may be necessary or desirable to perfect the title to this invention in said assignee, its successors and assigns, execute all divisional, continuation, and reissue applications, make all rightful oaths and generally do everything possible to aid assignee, its successors and assigns, to obtain and enforce proper patent protection for this invention in the United States, it being understood that any expense incident to the execution of such papers shall be borne by the assignee, its successors and assigns.

IN TESTIMONY WHEREOF, I/We have hereunto set our hand(s).

I. FULL NAME OF SOLE OR FIRST ASSIGNOR Leslie A. Johnston-Dow	ASSIGNOR'S SIGNATURE 	DATE 3-18-99
ADDRESS 742 Loma Verde, Palo Alto, California 94303, United States of America	CITIZENSHIP United States of America	

ASSIGNMENT

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1. FULL NAME OF SOLE OR FIRST ASSIGNOR Leslie A. Johnston-Dow	ASSIGNOR'S SIGNATURE	DATE
ADDRESS 742 Loma Verde, Palo Alto, California 94303, United States of America		CITIZENSHIP United States of America
2. FULL NAME OF SECOND ASSIGNOR, IF ANY Lisa Demeter	ASSIGNOR'S SIGNATURE	DATE
ADDRESS 282 South Landing Road, Rochester, New York 14610, United States of America		CITIZENSHIP United States of America
3. FULL NAME OF THIRD ASSIGNOR, IF ANY Camille B. White	ASSIGNOR'S SIGNATURE <i>Camille B. White</i>	DATE 2/9/99
ADDRESS 4080 Huerfano Avenue, #340, San Diego, California 92117, United States of America		CITIZENSHIP United States of America
4. FULL NAME OF FOURTH ASSIGNOR, IF ANY Keming Song	ASSIGNOR'S SIGNATURE	DATE
ADDRESS 1657 Wishwood Court, Apt. 2, Chesterfield, Missouri 63017, United States of America		CITIZENSHIP People's Republic of China
5. FULL NAME OF FIFTH ASSIGNOR, IF ANY Robert Kohlenberger	ASSIGNOR'S SIGNATURE	DATE
ADDRESS 3047 Hillside Drive, Burlingame, California 94010, United States of America		CITIZENSHIP United States of America

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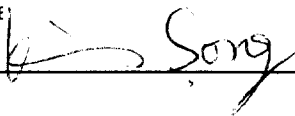
whose post office address is 850 Lincoln Centre Drive, Foster City, California 94404, United States of America

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AND, I/WE HEREBY further covenant and agree that I/We will, without further consideration, communicate with assignee, its successors and assigns, any facts known to me/us respecting this invention and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver all papers that may be necessary or desirable to perfect the title to this invention in said assignee, its successors and assigns, execute all divisional, continuation, and reissue applications, make all rightful oaths and generally do everything possible to aid assignee, its successors and assigns, to obtain and enforce proper patent protection for this invention in the United States, it being understood that any expense incident to the execution of such papers shall be borne by the assignee, its successors and assigns.

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2. FULL NAME OF SECOND ASSIGNOR, IF ANY Lisa Demeter	ASSIGNOR'S SIGNATURE	DATE
ADDRESS 282 South Landing Road, Rochester, New York 14610, United States of America		CITIZENSHIP United States of America
3. FULL NAME OF THIRD ASSIGNOR, IF ANY Camille B. White	ASSIGNOR'S SIGNATURE	DATE
ADDRESS 4080 Huerfano Avenue, #340, San Diego, California 92117, United States of America		CITIZENSHIP United States of America
4. FULL NAME OF FOURTH ASSIGNOR, IF ANY Keming Song	ASSIGNOR'S SIGNATURE 	DATE 2-11-99
ADDRESS 1657 Wishwood Court, Apt. 2, Chesterfield, Missouri 63017, United States of America		CITIZENSHIP People's Republic of China
5. FULL NAME OF FOURTH ASSIGNOR, IF ANY Robert Kohlenberger	ASSIGNOR'S SIGNATURE	DATE
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ADDRESS 3047 Hillside Drive, Burlingame, California 94010, United States of America		CITIZENSHIP United States of America

6 FULL NAME OF FOURTH ASSIGNOR, IF ANY Morgan Conrad	ASSIGNOR'S SIGNATURE <i>Morgan Conrad</i>	DATE 5 Feb 1999
ADDRESS 412 Fifth Street, Montara, California 94037, United States of America		CITIZENSHIP United States of America
7 FULL NAME OF FOURTH ASSIGNOR, IF ANY Angela Myers	ASSIGNOR'S SIGNATURE	DATE
ADDRESS 2910 Fernside Boulevard, Alameda, California 94501, United States of America		CITIZENSHIP United States of America

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ADDRESS 412 Fifth Street, Montara, California 94037, United States of America		CITIZENSHIP United States of America
7 FULL NAME OF FOURTH ASSIGNOR, IF ANY Angela Myers	ASSIGNOR'S SIGNATURE AMyers	DATE 02104199
ADDRESS 2910 Fernside Boulevard, Alameda, California 94501, United States of America		CITIZENSHIP United States of America COLOMBIA AM

CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT

No. 5193

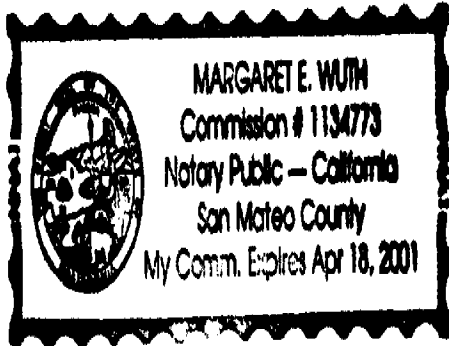
State of CALIFORNIA

County of SAN MATEO

On 3/18/99 before me, MARGARET E. WUTH
DATE NAME, TITLE OF OFFICER - E.G., "JANE DOE, NOTARY PUBLIC"

personally appeared LESLIE A. JOHNSTON-DOW
NAME(S) OF SIGNER(S)

personally known to me - OR - proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.



WITNESS my hand and official seal.

Margaret E. Wuth
SIGNATURE OF NOTARY

OPTIONAL SECTION

CAPACITY CLAIMED BY SIGNER

Though statute does not require the Notary to fill in the data below, doing so may prove invaluable to persons relying on the document.

INDIVIDUAL
 CORPORATE OFFICER(S)
TITLE(S)

PARTNER(S) LIMITED
 GENERAL

ATTORNEY-IN-FACT

TRUSTEE(S)

GUARDIAN/CONSERVATOR

OTHER: _____

SIGNER IS REPRESENTING:

NAME OF PERSON(S) OR ENTITY(IES)

OPTIONAL SECTION

THIS CERTIFICATE MUST BE ATTACHED TO THE DOCUMENT DESCRIBED AT RIGHT:

TITLE OR TYPE OF DOCUMENT _____

NUMBER OF PAGES _____ DATE OF DOCUMENT _____

Though the data requested here is not required by law, it could prevent fraudulent reattachment of this form.

SIGNER(S) OTHER THAN NAMED ABOVE _____