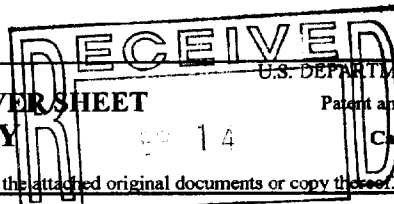


09-23-1998



COVER SHEET  
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U.S. DEPARTMENT OF COMMERCE

Patent and Trademark Office

Case No: 4324

record the attached original documents or copy these.

To the Hon

1. Name of conveying party(ies): **100836157**  
Nicole M. Ellis, Deborah E. Dodge, and Douglas H. Smith

2. Name and address of receiving party(ies):

Name: Applied Biosystems Division  
The Perkin-Elmer Corporation

Internal Address:

Street Address: 850 Lincoln Centre Drive

City: Foster City State: California

ZIP: 94404-1128

Additional name(s) & address(es) attached?  Yes  No

Additional name(s) of conveying party(ies) attached?  Yes  No

3. Nature of conveyance:

Assignment  Merger  
 Security Agreement  Change of Name  
 Other: \_\_\_\_\_

Execution Date: 12/5/97, 1/5/98, and 12/18/97

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)

08/986,176

B. Patent No.(s)

Additional numbers attached?  Yes  No

5. Name and address of party to whom correspondence concerning document should be mailed:

Scott R. Bortner  
Applied Biosystems Division  
The Perkin Elmer Corporation  
850 Lincoln Centre Drive  
Foster City, California 94404-1128

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41): \$ 40.00

Enclosed

Authorized to be charged to deposit account

8. Deposit account number:

01-2213

09/16/1998 JSHWBAZZ 00000117 012213 00906176

01 FC:501 40.00 CH

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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.

Paul D. Grossman  
Name of Person Signing  
Registration No. 36,537

Paul D. Grossman  
Signature

September 10, 1998  
Date

Total number of pages comprising cover sheet, attachments and document: 5

Mail documents to be recorded with required cover sheet information to:  
Assistant Commissioner for Patents  
Box Assignments  
Washington, D.C. 20231

PATENT  
REEL: 9462 FRAME: 0643

MRD 9-14-98

**ASSIGNMENT**

For good and valuable consideration paid to us, receipt of which is hereby acknowledged, we each:

**Nicole M. Ellis** residing at 707 South Grant Street, San Mateo, California 94402, citizen of US;  
**Deborah E. Dodge** residing at 746 Gateview Avenue, Albany, California 94706, citizen of US;  
**Douglas H. Smith** residing at 15 Laurel Ridge Lane, Centerville, Delaware 19807, citizen of US

do hereby sell, assign, and set over unto

**The Perkin-Elmer Corporation**

a New York corporation having a place of business at 850 Lincoln Centre Drive, Foster City, California (hereinafter "Assignee"), its successors, legal representatives and assigns, each of our entire right, title, and interest in and to any and all of our inventions and discoveries entitled:

**IMPROVED CYCLE SEQUENCING THERMAL PROFILES**

as described and/or claimed in our United States patent application, having an oath or declaration fully executed by us and, subsequently assigned Serial Number 08/986,176 and filing date of December 5, 1997 by the United States Patent and Trademark Office; in and to the right to file patent applications in the name of Assignee, its designee, in all of our names, or in any other name or names, on the aforesaid inventions and discoveries in any or all countries of the world, together with all rights of priority in the aforesaid countries deriving from the above-identified United States patent application under the International Convention for the Protection of Industrial Property, under the Inter-American Convention relating to Inventions, Patents, Designs and Industrial Models, and under any other international arrangement to which the United States now is or hereafter becomes a signatory; in and to any and all applications for Letters Patent, and any and all Letters Patent that issue on any of the aforesaid applications, and in and to any and all divisions, continuations, and continuations-in-part of any and all of said applications, and any and all reissues, renewals and extensions of any of said Letters Patent, such that the same right, title and interest to be held and enjoyed by Assignee, its successors, assigns or other legal representatives, to the full ends of the terms for which all Letters Patent therefor may be granted, shall be as full and complete as that that would have been held and enjoyed by us if this assignment and sale had not been made.

We further hereby covenant and agree, for the same consideration, whenever counsel of Assignee, or the counsel of its successors, legal representatives and assigns, shall advise that any proceeding in connection with said inventions, or said application for Letters Patent, or any proceeding in connection with said invention, or said application for Letters Patent, including interference proceedings, is lawful and desirable, or that any division, continuation, or continuation-in-part of any application for Letters Patent, or any reissue or extension of any Letters Patent, to be obtained thereon, is lawful and desirable to sign all papers and documents, take all lawful oaths, and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of Letters Patent for said invention, without charge to said Assignee, its successors, legal representatives and assigns, but at the cost and expense of said Assignee, its successors, legal representatives and assigns.

We hereby authorize Assignee to insert in this instrument the serial number and filing date of said application when officially notified thereof.

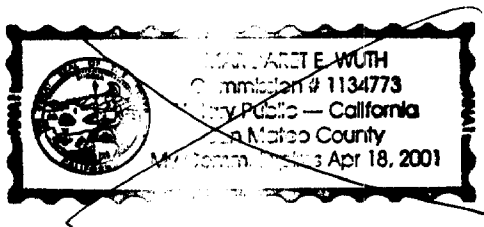
Name of inventor: Nicole M. Ellis

Inventor's signature Nicole M. Ellis Date: 12/5/97

State of California )  
 ) ss.  
County of San Mateo )

On December 5, 1997 before me, Margaret E. Wuth,  
personally appeared Nicole M. Ellis proved to me on the basis of satisfactory evidence to be the person  
whose name is subscribed to the within instrument and acknowledged to me that she executed the same in  
her authorized capacity, and that by her signature on the instrument the person, or the entity upon behalf  
of which the person acted, executed the instrument.

WITNESS my hand and official seal.



Margaret E. Wuth  
Notary Public

