

01-26-2001

RECORDA



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U.S. DEPARTMENT OF  
COMMERCE  
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**PATENT**

Case No: 4498

To the Commissioner of Patents and Trademarks: Please record the attached original document(s) or copy(ies) thereof

## 1. Name of conveying party(ies):

Christian A. Heid and Kenneth J. Livak

☐ Additional name(s) of conveying party(ies) attached.

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

Name: PE Corporation (NY)

Internal Address:

Street Address: 850 Lincoln Centre DriveCity: Foster City State: CaliforniaZIP: 94404-1128☐ Additional name(s) of conveying party(ies) attached.

## 3. Nature of conveyance:

☒ Assignment ☐ Merger☐ Security Agreement ☐ Change of Name☐ Other: \_\_\_\_\_Execution Date: December 19, 2000 andDecember 28, 2000

## 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) 09/645,959

B. Patent No.(s)

☐ Mark if additional numbers attached.

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

Alex Andrus  
Applied Biosystems  
850 Lincoln Centre Drive  
Foster City, California 94404-1128

Telephone: 650-570-6667

6. Total number of applications and patents involved: 17. Total fee (37 CFR 3.41): \$ 40.00☐ Enclosed☒ Authorized to be charged to deposit account no. 01-2213. (Duplicate sheet enclosed)☒ Authorization to charge additional fees.**DO NOT USE THIS SPACE**

## 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. Charges to deposit account are authorized, as indicated herein.*

Alex Andrus, Reg. No. 44,509

Name of Person Signing

Signature

Dec. 28, 2000

Date

Total number of pages comprising cover sheet, attachments and document: 4

Mail documents to be recorded with required cover sheet information to:

01/25/2001 DNGUYEN 00000028 012213 09645959 Commissioner of Patents and Trademarks  
Box Assignments  
Washington, D.C. 20231

01 FC:581 40.00 CH

# ASSIGNMENT

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

~~133 W 41<sup>st</sup> Avenue, San Mateo, California 94403~~

**Christian A. Heid** residing at ~~91 Belieu Avenue, Atherton, California 94027~~, citizen of US and CH  
12/28/00  
**Kenneth J. Livak** residing at 1148 Polk Lane, San Jose, California 95117, citizen of US

do hereby sell, assign, and set over unto

## PE Corporation (NY)

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:

## METHODS FOR EXTERNAL CONTROLS FOR NUCLEIC ACID AMPLIFICATION

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 09/645,959 and filing date of August 24, 2000 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: **Christian A. Heid**Inventor's signature Christian A. Heid Date: 12/28/00State of California )  
 ) ss.  
County of San Mateo )

On December 28, 2000 before me, Mila T. Kasan, Notary Public,  
personally appeared Christian A. Heid 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 he executed the  
same in his authorized capacity, and that by his 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.



Mila T. Kasan  
Notary Public

Name of inventor: **Kenneth J. Livak**Inventor's signature Kenneth J. Livak Date: 12/19/00State of California )  
 ) ss.  
County of San Mateo )

On December 19, 2000 before me, Mila T. Kasan, Notary Public,  
personally appeared Kenneth J. Livak 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 he executed the same in  
his authorized capacity, and that by his 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.



Mila T. Kasan  
Notary Public