

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT5188813

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
MARK R. ANDERSEN	05/04/2004
DAVID W. RUFF	05/05/2004
RECEIVING PARTY DATA	
Name:	APPLERA CORPORATION
Street Address:	5823 NEWTON DRIVE
City:	CARLSBAD
State/Country:	CALIFORNIA
Postal Code:	92008
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	15785693
CORRESPONDENCE DATA	
Fax Number:	(760)476-6048
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>	
Phone:	650-266-5805
Email:	lsgdocketing@thermofisher.com
Correspondent Name:	LIFE TECHNOLOGIES CORPORATION
Address Line 1:	5823 NEWTON DRIVE
Address Line 4:	CARLSBAD, CALIFORNIA 92008
ATTORNEY DOCKET NUMBER:	4944C2D1
NAME OF SUBMITTER:	MILA T. KASAN
SIGNATURE:	/Mila T. Kasan/
DATE SIGNED:	10/15/2018
Total Attachments: 3	
source=4944US Executed Assignment#page1.tif	
source=4944US Executed Assignment#page2.tif	
source=4944US Executed Assignment#page3.tif	

ASSIGNMENT
(Joint Inventor)

WHEREAS, the undersigned,

Mark R. Andersen, a resident of San Mateo, California; and
David W. Ruff, a resident of San Francisco, California;

(hereinafter termed "Inventor"), has invented certain new and useful improvements in **MULTIPLEX AMPLIFICATION OF POLYNUCLEOTIDES**, for which invention we have executed a United States patent application, having Serial No. 10/723,520 and filing date of November 26, 2003, and which invention is fully described in the specification pertaining to said application.

WHEREAS, Applera Corporation (hereinafter termed "Assignee"), a New York corporation having a place of business at 850 Lincoln Centre Drive, Foster City, California 94404, is desirous of acquiring the entire right, title and interest in and to said application and the invention disclosed therein, and in and to all embodiments of the invention, heretofore conceived, made or discovered by said Inventor (all collectively hereinafter termed "said invention"), and in and to any and all patents, inventor's certificates and other forms of protection (hereinafter termed "patents") thereon granted in the United States and foreign countries.

NOW, THEREFORE, in consideration of good and valuable consideration acknowledged by said Inventor to have been received in full from said Assignee:

1. Said Inventors do hereby sell, assign, transfer and convey unto said Assignee, the entire right, title and interest (a) in and to said application and said invention; (b) in and to all rights to apply for foreign patents on said invention pursuant to the International Convention for the Protection of Industrial Property or otherwise; (c) in and to any and all applications filed and any and all patents granted on said invention in the United States or any foreign country, including each and every application filed and each and every patent granted on any application which is a utility, division, substitution, or continuation of any of said applications; and (d) in and to each and every reissue or extension of any of said patents; and (e) all claims for damages by reason of past infringement of said patents, with the right to sue for and collect the same for its own use and enjoyment, and for use and enjoyment of its successors, assigns or other legal representatives.

2. Said Inventors hereby covenant and agree to cooperate with said Assignee to enable said Assignee to enjoy to the fullest extent the right, title and interest herein conveyed in the United States and foreign countries. Such cooperation by said Inventors shall include prompt production of pertinent facts and documents, giving of testimony, execution of petitions, oaths, specifications, declarations or other

papers, and other assistance all to the extent deemed necessary or desirable by said Assignee (a) for perfecting in said Assignee the right, title and interest herein conveyed; (b) for prosecuting any of said applications; (c) for filing and prosecuting utility, substitute, divisional, continuing or additional applications covering said invention; (d) for filing and prosecuting applications for reissuance of any said patents; (e) for interference or other priority proceedings involving said invention; and (f) for legal proceedings involving said invention and any applications therefor and any patents granted thereon, including without limitation opposition proceedings, cancellation proceedings, priority contests, public use proceedings, infringement actions and court actions; provided, however, that the expense incurred by said Inventors in providing such cooperation shall be paid for by said Assignee.

3. The terms, covenants and conditions of this assignment shall inure to the benefit of said Assignee, its successors, assigns and other legal representatives, and shall be binding upon said Inventors, their respective heirs, legal representatives and assigns.

4. Said Inventors hereby warrant and represent that they have not entered and will not enter into any assignment, contract, or understanding in conflict herewith.

IN WITNESS WHEREOF, said Inventors have executed and delivered this instrument on the date below written.

Dated: May 4, 2004

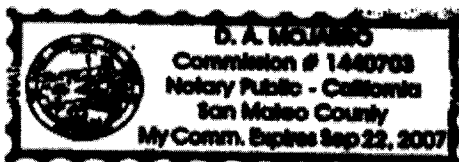
Mark R. Andersen
Mark R. Andersen

State of California]

County of San Mateo] ss.

On May 4, 2004, ^{DM}2004, before me, D. A. Mojarrero, Notary Public, personally appeared Mark R. Andersen, personally known to me (or proved to me on the basis of evidence) to be the person whose name is subscribed to the within instrument, and acknowledged to me that he/she executed the same in his/her authorized capacity, and that by his/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.



Notary Public

D. A. Mojarrero

Dated: 5/5/04

David W. Ruff
David W. Ruff

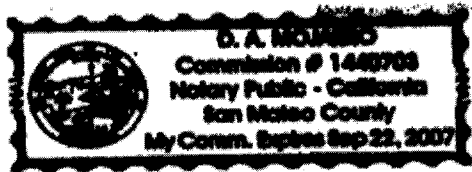
A-71902/AMP/JFB

State of California]

County of San Mateo] ss.

On May 5, 2004, before me, D.A. Mojarro, Notary Public, personally appeared David W. Ruff, personally known to me (or proved to me on the basis of evidence) to be the person whose name is subscribed to the within instrument, and acknowledged to me that he/she executed the same in his/her authorized capacity, and that by his/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.



Notary Public

D.A. Mojarro