FORM PTO-1595 (Modified) (Rev. 03-01) OMB No. 0651-0027 (exp.5/31/2002) P08A/REV03



Docket No.: 7475-29601

EET

U.S. DEPARTMENT OF COMMERCE

Patent and Trademark Office

To the Honorable Director of the United States	Patent and Trademark	Office: Please record the attached	original documents or copy thereof
Name of conveying party(ies):     Marla Lay	6-16-03	2. Name and address of receive	ving party(ies): 즉
		Name: University of Utah	
		Address: 615 Arapeen Driv	e, Suite 110
Additional names(s) of conveying party(ies)	☐ Yes ☐ No		
3. Nature of conveyance:			
	Merger		
☐ Security Agreement ☐ C	Change of Name	City: Salt Lake City	State/Prov.: Utah
☐ Other		Country:	ZIP: 84108
Execution Date: April 30, 2003		Additional name(s) & address(es)	☐ Yes ☒ No
4. Application number(s) or patent numbers	s(s):		
If this document is being filed together w	vith a new application,	, the execution date of the applic	ation is:
Patent Application No. Filing date		B. Patent No.(s)	
		6,174,670	
	Additional numbers	☐ Yes ☒ No	
5 N			
5. Name and address of party to whom correspondence concerning document should be mailed:		6. Total number of applications	s and patents involved:
Name: Jill T. Powlick		7. Total fee (37 CFR 3.41):	\$ 40,00
Registration No. 42,088			<del></del>
Address: Barnes & Thornburg		Enclosed - Any excess or insufficiency should be credited or debited to deposit account	
		☐ Authorized to be charge	ed to deposit account
11 South Meridian Street		8. Deposit account number:	
		o. Deposit account number.	
City: Indianapolis State	e/Prov.: IN	10-0435	
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O Chatamant and signature	DO NOT	USE THIS SPACE	
<ol> <li>Statement and signature.</li> <li>To the best of my knowledge and belief, of the original document.</li> </ol>	the foregoing informa	ation is true and correct and any	attached copy is a true copy
Jill T. Powlick	1 Jet	The state of the s	June 17, 2003
Name of Person Signing		Signature	Date
		over sheet, attachments, and	
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Mail Stop Assignment Recordation Services
Director of the United States Patent and Trademark Office
P.O. Box 1450, Alexandria, VA 22313-1450

"Not Applicable"

29601

Attorney Docket No.: 7475-72510 Client Reference No.: 18645 US7

U.S. Patent No.:

6,174,670

## ASSIGNMENT

In consideration of the sum of One Dollar (\$1.00) and other good and valuable

	consideration paid to each of the undersigned,			
Name(s) of Inventor(s)	Marla Lay			
	maker(s) of an invention which is the subject of an application for Letters Patent of the United State ("Application") entitled			
Title of Application	MONITORING AMPLIFICATION OF DNA DURING PCR			
	the undersigned hereby sell(s), assign(s), and set(s) over to			
Name of Assignee	University of Utah			
Address of principal	615 Arapeen Dove, Suite 110 4 <del>21 Wakara Way, Suite 170</del>			
place of business	Salt Lake City, Utah 84108			
Insert State of Incorporation (if applicable) or	a corporation of <u>Utah</u>			

(hereinafter designated as the Assignee) their entire right, title, and interest in, to, and under the Application, including all priority rights for other countries arising therefrom, all inventions therein disclosed, and any and all Letters Patent of the United States and of all other countries, including Canada, which may be granted for such inventions, or any of them, all such inventions and all rights in such Application and Letters Patent to be held and enjoyed by Assignee for its own use and enjoyment to the full end of the term or terms for which such Letters Patent may be granted, as fully and entirely as the same would have been held and enjoyed by them had this assignment and sale not been made.

The undersigned agree(s) to execute all papers necessary in connection with the application(s) in the United States and foreign countries and any continuing, divisional, or reissue applications thereof, and any reexamination of any of such applications, 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 or litigation concerning the application(s) or 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 or litigation.

The undersigned agree(s) to execute all papers and documents and perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements.

PATENT REEL: 014178 FRAME: 0631

The undersigned agree(s) to do all other acts which, in the opinion of Assignee, may be necessary or desirable to secure the grant of Letters Patent to Assignee or its nominees, in the United States and in all other countries where Assignee may desire to have such inventions, or any of them, patented, with specifications and claims in such form as shall be approved by Assignee and to vest and confirm in Assignee or its nominees the full and complete legal and equitable title to all such Letters Patent.

The undersigned hereby authorize(s) and request(s) the Commissioner of Patents to issue any and all Letters Patent of the United States resulting from said application(s) or any division or divisions or continuing or reissue applications thereof, and any reexamination of any of such applications, to the said Assignee, as Assignee of the entire interest, and hereby covenants that the undersigned has full right to convey the interest herein assigned, and that the undersigned has not executed, and will not execute, any agreement in conflict herewith.

The undersigned hereby grant(s) the attorney of record the 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 WIT	NESS WHEREOF, I have executed this	s assignment at Los Altos CA
Outside the USA: _ Witnesses are required when acknowledgment before a Notary	Witness	Inventor (Signature)  Marla Lay
Public is not feasible.	Witness	Inventor (Printed Name)
	ACK	NOWLEDGMENT
STATE OF $\mathcal{C}A$	sta Chna } ss:	
Acknowled this 30 c	dged before me, a Notary Public, within	n and for said County and State. Witness my hand and Notarial Sea
My Commission Ex	xpires: 8/21/66	Resident of Santa Clana County
INDS02 JTP :	573624vI	RICHARD D. RAINES Comm. # 1319088 NOTARY PUBLIC - CALIFORNIA Santa Clara County My Comm. Expires Aug. 27, 2005

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**RECORDED: 06/16/2003**