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To the Honorable Director of the United States Patent and Trademark Office: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):
University of Utah

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

Name: **University of Utah Research Foundation**

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Additional names(s) of conveying party(ies) Yes No

3. Nature of conveyance:

- Assignment Merger
- Security Agreement Change of Name
- Other

Street Address: **615 Arapeen Drive, Suite 110**

City: **Salt Lake City** State: **UT** ZIP: **84108**

Execution Date: **July 17, 2003**

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

4. Application number(s) or patent numbers(s):

If this document is being filed together with a new application, the execution date of the application is:

A. Patent Application No.(s)

10/431,804

B. Patent No.(s)

Additional numbers attached? Yes No

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

Name: **Jill T. Powlick**

Internal Address: **Barnes & Thornburg**

6. Total number of applications and patents involved: **1**

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

- Enclosed - Any excess or insufficiency should be credited or debited to deposit account
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10-0435

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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.

Jill T. Powlick

July 31, 2003

Name of Person Signing

Signature

Date

Total number of pages including cover sheet, attachments, and document: **3**

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

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PATENT
REEL: 014341 FRAME: 0503

ASSIGNMENT

Whereas, the UNIVERSITY OF UTAH, a nonprofit corporation of the State of Utah, having a place of business at 615 Arapeen Drive, Suite 110, Salt Lake City, Utah 84108, is the co-owner of the right, title and interest in and to the patent application entitled GENOTYPING BY AMPLICON MELTING CURVE ANALYSIS and the invention therein described and filed in the United States Patent and Trademark Office on May 8, 2003, as assigned to the UNIVERSITY OF UTAH by Carl T. Wittwer and Cameron Gundry, co-inventors.

Whereas, the Assignee, the UNIVERSITY OF UTAH RESEARCH FOUNDATION, a nonprofit corporation of the State of Utah, having a place of business at 615 Arapeen Drive, Suite 110, Salt Lake City, Utah 84108, is desirous of acquiring an interest in and to the said invention within the United States of America and its territorial possessions and within the countries foreign to the United States and any United States or foreign Letters Patent that may be granted therefor; and in and to said application;

Now, Therefore, in consideration of the sum of One Dollar (\$1.00) paid by the Assignee to the UNIVERSITY OF UTAH and other good and valuable considerations, the receipt of which is hereby acknowledged, the UNIVERSITY OF UTAH has sold, assigned and transferred and by these presents does hereby sell, assign and transfer unto the said Assignee its entire right, title and interest in and to the invention within the United States of America and its territorial possessions and within all countries foreign to the United States and in and to any United States or foreign Letters Patent that may be granted therefor and in and to the said application and in and to any and all divisions, reissues, continuations and extensions thereof and in and to any Letters Patent that may be granted thereon, all said rights to be held and enjoyed by the Assignee for its own use and enjoyment and for the use and enjoyment of its successors and assigns to the full end of the term or terms for which said Letters Patent may be granted as fully and entirely as the same would have been held and enjoyed by the UNIVERSITY OF UTAH if this assignment, transfer and sale had not been made.

The UNIVERSITY OF UTAH hereby authorizes and requests the United States Commissioner of Patents and Trademarks and all authorized officials of foreign patent offices to issue the said Letters Patent, when granted, to said Assignee of its entire right, title

and interest in and to the same, for the sole use and enjoyment of said Assignee, its successors and assigns.

In Testimony Whereof, the UNIVERSITY OF UTAH has caused the hand of its proper representative to be subscribed hereto this 17th day of July, 2003.

UNIVERSITY OF UTAH

By: Jayne F. Carney
Jayne Carney
Director
Technology Transfer Office

STATE OF UTAH)
) SS:
COUNTY OF SALT LAKE)

On the 17th day of July, 2003, before me personally appeared Jayne Carney, Director, Technology Transfer Office of said University of Utah known to me to be the person described and who signed the foregoing Assignment in my presence and acknowledged under oath before me that he has read the same and knows the contents thereof and that the same is true of his own knowledge excepting as to matters therein alleged upon information and belief and as to those matters he believes them to be true, and that he executed the same as his free act and deed and for the purposes set forth therein.

Carole P. Hoyt
Signature of NOTARY PUBLIC

Carole P. Hoyt
Printed Name of Notary Public

Residing in Salt Lake County

My Commission Expires: April 22, 2007

