

Form PTO-1595 (Rev. 07/05)
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To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

1. Name of conveying party(ies)

University of Utah

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

2. Name and address of receiving party(ies)

Name: University of Utah Research Foundation

Internal Address: _____

Street Address: _____

615 Arapeen Drive, Suite 310

City: Salt Lake City

State: Utah

Country: United States Zip: 84108

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

3. Nature of conveyance/Execution Date(s):

Execution Date(s) December 13, 2006

- Assignment Merger
- Security Agreement Change of Name
- Joint Research Agreement
- Government Interest Assignment
- Executive Order 9424, Confirmatory License
- Other _____

4. Application or patent number(s):

This document is being filed together with a new application.

A. Patent Application No.(s)
08/294,938

B. Patent No.(s)
5,579,778

Additional numbers attached? Yes No

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

Name: Zachary Miles, Esq

Internal Address: _____

Street Address: 615 Arapeen Drive, Suite 310

City: Salt Lake City

State: Utah Zip: 84108

Phone Number: 801-581-7792

Fax Number: 801-581-7538

Email Address: zach@tcu.utah.edu

6. Total number of applications and patents involved: 2

7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00

- Authorized to be charged by credit card
- Authorized to be charged to deposit account
- Enclosed
- None required (government interest not affecting title)

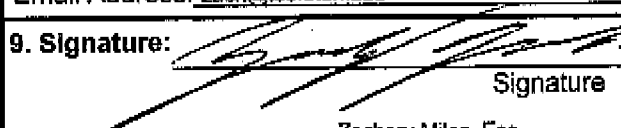
8. Payment Information

a. Credit Card Last 4 Numbers 2807
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9. Signature:



Signature

Date

Zachary Miles, Esq
Name of Person Signing

Total number of pages including cover sheet, attachments, and documents:

4

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Mail Stop Assignment Recordation Services, Director of the USPTO, P.O. Box 1450, Alexandria, V.A. 22313-1450

OP \$40.00 5579778

ASSIGNMENT

Whereas, the University of Utah, a corporation of the State of Utah, having a place of business at Salt Lake City, Utah is the owner of the entire right, title and interest in and to application for United States Letters Patent entitled "Method and Apparatus for Producing Thermodilution Cardiac Output Measurements Utilizing A Neural Network," filed in the United States Patent and Trademark Office as Serial No. 08/294,938 on August 23, 1994, which application is incorporated herein by this reference; and the invention therein described; and

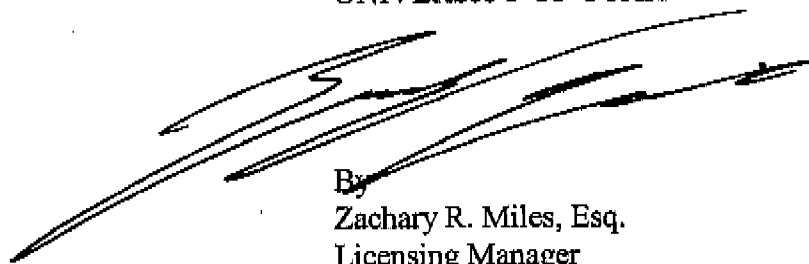
Whereas, University of Utah Research Foundation, a corporation of the State of Utah, having a place of business at 615 Arapeen Dr., Suite 310, Salt Lake City, UT 84108, is desirous of acquiring the entire right, title and interest in and to the said invention within the United States of America and its territorial possessions and within the countries foreign to the United States and any United States or foreign Letters Patent that may be granted therefore; and in and to said application;

Now, Therefore, in consideration of the sum of One Dollar (\$1.00) paid by University of Utah Research Foundation to the University of Utah and other good valuable consideration, 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 University of Utah Research Foundation the entire right, title and interest in and to the said inventions 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 therefore and in and to the said application and in and to any and all divisions, reissues, continuations, continuations in part, and extensions thereof and in and to any Letters Patent that may be granted thereon, all said rights to be held and enjoyed by University of Utah Research Foundation for its own 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 University of Utah Research Foundation as the assignee of its entire right, title and interest in and to the same, for the sole use and enjoyment of said University of Utah Research Foundation, its successors and assigns.

In Testimony Whereof, the University of Utah has caused the hand of its proper representative to be subscribed hereto this 13th day of December, 2006.

UNIVERSITY OF UTAH



By
Zachary R. Miles, Esq.
Licensing Manager

STATE OF UTAH)
) : ss
County of Salt Lake)

Before me personally appeared Zachary R. Miles and acknowledged the foregoing instrument to be his free act and deed this 13th day of December, 2006.

Leslie S Albaugh
Notary Public

