

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)

Bartley P. Griffith

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

2. Name and address of receiving party(ies)

Name: University of Maryland, Baltimore

Internal Address: _____

Street Address: 520 West Lombard Street

City: Baltimore

State: Maryland

Country: U.S. Zip: 21201

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

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

Execution Date(s) August 12, 2008

- 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):

A. Patent Application No.(s)

11/999,707

This document is being filed together with a new application.

B. Patent No.(s)

Additional numbers attached? Yes No

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

Name: Gail Knott

Internal Address: Office of Research and Development

Street Address: 660 West Redwood Street, Room 021

City: Baltimore

State: Maryland Zip: 21201

Phone Number: (410) 706-2380

Fax Number: (410) 706-1066

Email Address: gknot001@umaryland.edu

6. Total number of applications and patents involved: 1

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 _____
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b. Deposit Account Number 21-0684

Authorized User Name Gail Knott

9. Signature:


Signature

8/25/08
Date

Gail Knott

Name of Person Signing

Total number of pages including cover sheet, attachments, and documents: 2

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O. Box 1450, Alexandria, V.A. 22313-1450

GH \$40.00 210684 11999707

UMB Docket No: UMB-2007-021



ASSIGNMENT

In consideration of the sum of One Dollar (\$1.00) and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, **Bartley P. Griffith** ("Assignor") hereby sells and assigns to the **University of Maryland, Baltimore**, a constituent institution of the University System of Maryland (which is a public corporation and an instrumentality of the State of Maryland) ("Assignee"), his/her entire right, title, and interest in the invention "**An integrated centrifugal blood pump-oxygenator, an extracorporeal life support system and a method of de-bubbling and priming an extracorporeal life support system**"

check applicable space(s) for the United States of America (as defined in 35 U.S.C. §100)
 and throughout the world.

for which application(s) for patent was made in the United States of America on **December 5, 2007** (also known as U.S. Non-Provisional application serial number **11/999,707**) and in any and all non-provisional and/or international or foreign patent applications thereon, continuing patent applications thereon (including without limitation substitutions, divisionals, continuations, and continuations-in-part), patents or Letters Patent issued therefrom, and reissues, extensions, renewals, and reexaminations of such applications or patents (collectively, the "**Patents and Patent Applications**"), to the full end of the term or terms for which such patent(s) issue, such entire right, title and interest to be held and enjoyed by Assignee to the same extent as they would have been held and enjoyed by Assignor had this Assignment not been made.

Assignor agrees to execute all papers necessary in connection with the Patents and Patent Applications. Assignor also agrees to execute separate Assignments in connection with the Patents and Patent Applications as Assignee may deem necessary or expedient. Assignor agrees to execute all papers necessary in connection with any interference or enforcement that may be declared concerning the Patents and Patent Applications, and Assignor agrees to cooperate with Assignee in every way possible in obtaining evidence and proceeding with such interference or enforcement.

Assignor hereby represents and warrants that he/she has full right to convey his/her entire interest herein assigned, and that he/she has not executed and will not execute any agreement or other document in conflict therewith.

IN WITNESS WHEREOF, executed by Assignor on the date opposite his/her name.

ASSIGNOR:

8/12/08
Date

Bartley P. Griffith
Print Name

Address:
1718 Banbury Road
Gibson Island, MD 21056

STATE OF Maryland)
Baltimore CITY / COUNTY)

I HEREBY CERTIFY, that on this 12 day of August, 2008 before me, Notary Public of the State of Maryland, personally appeared **Bartley P. Griffith**, known to me (or satisfactorily proven) to be the person whose name is subscribed to the within instrument, and acknowledged that, being authorized to do so, he or she executed the same as for the purposes contained therein.

IN WITNESS WHEREOF, I have hereunto set my hand and official seal the day and year last above mentioned.

(SEAL)

My Commission Expires: Nov 6, 2011

Quanda Young
Notary Public