

**PATENT ASSIGNMENT**

Electronic Version v1.1  
 Stylesheet Version v1.1

|                                                                                                                                                                                                                                        |                          |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|
| <b>SUBMISSION TYPE:</b>                                                                                                                                                                                                                | NEW ASSIGNMENT           |
| <b>NATURE OF CONVEYANCE:</b>                                                                                                                                                                                                           | ASSIGNMENT               |
| <b>CONVEYING PARTY DATA</b>                                                                                                                                                                                                            |                          |
| <b>Name</b>                                                                                                                                                                                                                            | <b>Execution Date</b>    |
| Karolina E Kabal                                                                                                                                                                                                                       | 01/14/2009               |
| <b>RECEIVING PARTY DATA</b>                                                                                                                                                                                                            |                          |
| <b>Name:</b>                                                                                                                                                                                                                           | Cardiopuls Medical, Inc. |
| <b>Street Address:</b>                                                                                                                                                                                                                 | 11921 Freedom Drive      |
| <b>Internal Address:</b>                                                                                                                                                                                                               | Suite 550                |
| <b>City:</b>                                                                                                                                                                                                                           | Reston                   |
| <b>State/Country:</b>                                                                                                                                                                                                                  | VIRGINIA                 |
| <b>Postal Code:</b>                                                                                                                                                                                                                    | 20190                    |
| <b>PROPERTY NUMBERS Total: 2</b>                                                                                                                                                                                                       |                          |
| <b>Property Type</b>                                                                                                                                                                                                                   | <b>Number</b>            |
| Patent Number:                                                                                                                                                                                                                         | 5584298                  |
| Patent Number:                                                                                                                                                                                                                         | 5743268                  |
| <b>CORRESPONDENCE DATA</b>                                                                                                                                                                                                             |                          |
| <b>Fax Number:</b>                                                                                                                                                                                                                     | (703)319-9637            |
| <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>                                                                                                                                                   |                          |
| <b>Phone:</b>                                                                                                                                                                                                                          | 703-904-4314             |
| <b>Email:</b>                                                                                                                                                                                                                          | lagerman@attglobal.net   |
| <b>Correspondent Name:</b>                                                                                                                                                                                                             | Bruce K. Lagerman        |
| <b>Address Line 1:</b>                                                                                                                                                                                                                 | 11921 Freedom Drive      |
| <b>Address Line 2:</b>                                                                                                                                                                                                                 | Suite 550                |
| <b>Address Line 4:</b>                                                                                                                                                                                                                 | Reston, VIRGINIA 20190   |
| <b>NAME OF SUBMITTER:</b>                                                                                                                                                                                                              | Bruce K. Lagerman        |
| <b>Total Attachments: 3</b><br>source=USPTO1595 (Kabal Assignment Cover Sheet)#page1.tif<br>source=Kabal Assignment Agreement (executed copy 1-14-09)#page1.tif<br>source=Kabal Assignment Agreement (executed copy 1-14-09)#page2.tif |                          |

OP \$80.00 5584298

**PATENT**

# RECORDATION FORM COVER SHEET PATENTS ONLY

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)

Karolina E. Kabal

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

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

Name: Cardiopuls Medical, Inc.

Internal Address: \_\_\_\_\_

Street Address: 11921 Freedom Drive, Suite 550

City: Reston

State: Virginia

Country: USA Zip: 20190

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

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

Execution Date(s) January 14, 2009

- 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)

U.S. Patent No. 5,584,298

U.S. Patent No. 5,743,268

B. Patent No.(s)

Additional numbers attached?  Yes  No

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

Name: Bruce K. Lagerman

Internal Address: \_\_\_\_\_

Street Address: 11921 Freedom Drive, Suite 550

City: Reston

State: Virginia Zip: 20190

Phone Number: 703-904-4314

Fax Number: 703-319-9637

Email Address: lagerman@attglobal.net

### 6. Total number of applications and patents involved: 2

7. Total fee (37 CFR 1.21(h) & 3.41) \$ 80.00

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

### 8. Payment Information

Deposit Account Number \_\_\_\_\_

Authorized User Name \_\_\_\_\_

### 9. Signature:

\_\_\_\_\_  
/Bruce K. Lagerman/  
Signature

\_\_\_\_\_  
January 15, 2009  
Date

Bruce K. Lagerman  
Name of Person Signing

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

3

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

**PATENT**  
**REEL: 022109 FRAME: 0738**

## ASSIGNMENT

WHEREAS Karolina E. Kabal, with a residence address at 19375 Cypress Ridge Terrace, #119, Lansdowne, VA 20176 (the "Assignor") is the owner by assignment from the estate of the inventor John Kabal, recorded at Reel/Frame 020690/0072, of all right title and interest in (and to the improvements) entitled:

### **NONINVASIVE HEMODYNAMIC ANALYZER ALTERABLE TO A CONTINUOUS HEMODYNAMIC MONITOR**

which is disclosed and described in United States Patent No. 5,584,298, which issued on December 17, 1996, from U.S. Patent Application No. 08/140,453 filed October 25, 1993, and United States Patent No. 5,743,268 which issued on April 28, 1998, from U.S. Application No. 08/548,513 filed April 11, 1995, which is a continuation thereof (hereinafter the "Patents");

AND, WHEREAS, Cardiopuls Medical, Inc., a Virginia corporation with an address at 11921 Freedom Drive, Suite 550, Reston, VA 20190 (the "Assignee"), is desirous of acquiring all rights to the improvements and under the application;

NOW, THEREFORE, in view of good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged by Assignor, Assignor does hereby sell, assign and transfer unto said Assignee, its successors, assigns and legal representatives, Assignor's entire right, title and interest in and throughout the United States of America (including its territories and dependencies) and all countries foreign thereto in and to said improvements, including all related documents and materials, such as but not limited to all works of authorship including software and associated systems, all intellectual property rights, all copyrights, all trade secrets, all trademarks, all specimens and examples, all know-how, the Patents, any other United States patents or applications, including provisional, divisional, renewal, substitute, continuation, reexamination and reissue applications, based in whole or in part on said Patents or in whole or in part on said invention;

AND Assignee hereby authorizes and requests its agent, Bruce K. Lagerman, whose address is 11921 Freedom Drive, Suite 550, Reston, VA 20190, to insert hereon any identification necessary or desirable for recordation of this document;

AND Assignor hereby agrees for herself and her heirs, executors, administrators, successors and assigns, to execute without further consideration any further documents and instruments which may be necessary, lawful and proper in the prosecution of said above-referenced application or in the preparation or prosecution of any continuing, substitute, divisional, renewal, reexamination or reissue application or in any amendments, extensions or interference proceedings, or other applications for patents of any region or country, that may be necessary to secure to Assignee its interest and title in and to said improvements or any parts thereof, and in and to said several patents or any of them;

AND Assignor hereby covenants for herself and her legal representatives, and agree with said Assignee, its successors and assigns, that Assignor has granted no right or license to make, use, sell or offer to sell said improvements, to anyone except said Assignee, that prior to

the execution of this deed, its right, title and interest in said improvements had not been otherwise encumbered, and that Assignor has not and will not execute any instrument in conflict therewith;

AND Assignor does hereby authorize and request the United States Commissioner for Patents to issue any and all letters patent which may be granted upon said United States applications, or upon said improvements or any parts thereof when granted, to said Assignee.

IN WITNESS WHEREOF, Assignor hereunto set its hand and seal.

**FOR ASSIGNOR:**

*Karolina E. Kabal*

Name: KAROLINA E. KABAL

Date: January 14, 2009

Witness:

*Louis P. Kirschner MD*

Name:

Louis P. Kirschner

Address:

8360 Greensboro Drive, Apt. 823  
McLean, VA 22102

Date: January 14, 2009