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Form PTO-1595
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To the Honorable Commissioner of Patents and Trademarks. Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

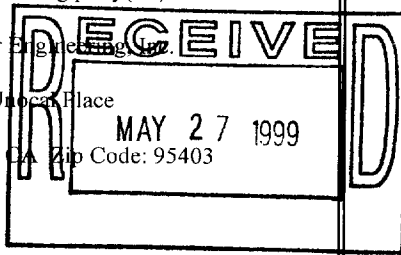
C.R. Bard, Inc.

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

Name: Arterial Vascular Engineering, Inc.

Street Address: 3576 Unocal Place

City: Santa Rosa State: CA Zip Code: 95403



Additional name(s) of conveying party(ies) attached? yes no

Country: United States

Additional name(s) & address(es) attached? yes no

3. Nature of Conveyance:

- Assignment
- Security Agreement
- Other
- Merger
- Change of Name

Execution Date(s): October 1, 1998

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

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

A. Patent Application No(s).

B. Patent No(s). 1,572,300

Additional numbers attached? yes no

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

Name: Medtronic AVE, Inc.

Internal Address: c/o Richard L. Klein

Street Address: 3576 Unocal Place

City: Santa Rosa State: CA Zip Code: 95403

6. Total number of applications and patents involved

1

7. Total fee (37 C.F.R. § 3.41).....\$ 40.00

Enclosed

Authorized to be charged to Deposit Account

8. Deposit Account Number: 19-0036

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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.

Linda E. Alcorn
Name of Person Signing
Registration No. 39,588

Linda E. Alcorn
Signature

5/27/99
Date

Total number of pages including cover sheet, attachments and document 6

OMB NO. 0651-0011 (exp.4/94)

06/01/1999 DINGUYEN 00000234 5720300

Mail documents to be recorded with required cover sheet information to:
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Washington, D.C. 20231

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TRADEMARK
REEL: 001905 FRAME: 0020

BARD PATENT ASSIGNMENT

THIS ASSIGNMENT, made this 1st day of October, 1998 by and between C. R. Bard, Inc., a New Jersey corporation, having a place of business at 730 Central Avenue, Murray Hill, New Jersey 07974 (hereinafter referred to as "ASSIGNOR"), and Arterial Vascular Engineering, Inc., a Delaware corporation, having a place of business at 3576 Unocal Place, Santa Rosa, California 95403 (hereinafter referred to as "ASSIGNEE").

W I T N E S S E T H :

WHEREAS, ASSIGNOR is the owner of the worldwide right, title and interest in and to certain patents and patent applications set forth on Schedule 1.1(b)(ix) of that certain Stock and Asset Purchase Agreement entered into between ASSIGNOR and ASSIGNEE on July 9, 1998, that Schedule modified by an August 31, 1998 Letter Amendment between ASSIGNOR and ASSIGNEE.

WHEREAS, Schedule A, attached hereto and made part of this Assignment, lists those patents and patent applications owned by ASSIGNOR, as reflected by Schedule 1.1(b)(ix) and as modified by the August 31, 1998 Letter Amendment (hereinafter as listed on Schedule A, "Bard Patent Rights").

WHEREAS, ASSIGNEE, by virtue of the Stock and Asset Purchase Agreement, is desirous of acquiring ASSIGNOR'S worldwide right, title and interest in and to said Bard Patent Rights, together with any and all patents throughout the world resulting therefrom;

NOW, THEREFORE, be it known that for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged by ASSIGNOR, ASSIGNOR does

hereby assign and transfer unto ASSIGNEE ASSIGNOR'S worldwide right, title and interest in and to said Bard Patent Rights and in and to all letters patents, United States and foreign, that may be granted therefrom, and the right to recover damages for past infringement thereunder, the same to be held and enjoyed by ASSIGNEE and its successors and assigns, as fully and entirely as the same would have been held and enjoyed by ASSIGNOR if this Assignment and sale had not been made;


AND ASSIGNOR hereby authorizes and requests the United States Patent and Trademark Office, together with any and all officials of countries foreign to the United States whose duty it is to issue patents in those countries, to issue said letters patent, United States and foreign, in accordance with this Assignment;

AND for the consideration aforesaid, ASSIGNOR further covenants and agrees that it will, whenever reasonably requested, but without cost to itself, execute such papers that may be reasonably necessary to enable ASSIGNEE or its representatives, successors, nominees, or assigns to secure full and complete protection for said Bard Patent Rights hereby conveyed, or that may be reasonably necessary to vest in ASSIGNEE the complete title to said Bard Patent Rights hereby conveyed, and enable it to record said title.

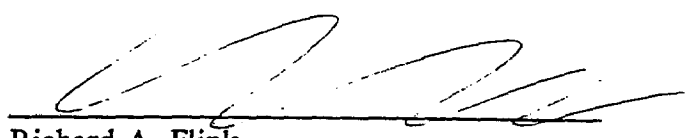
IN WITNESS WHEREOF, the parties hereto have executed this Assignment as of the date and year first written above.

Signed and delivered for and on behalf of the said C. R. Bard, Inc.

in the presence of:


Witness


C. R. BARD, INC.



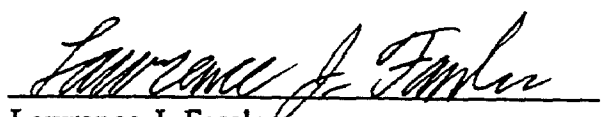
Richard A. Flink
Senior Vice President, General Counsel and Secretary

Signed and delivered for and on behalf of the said Arterial Vascular Engineering, Inc.

in the presence of:


Witness

ARTERIAL VASCULAR ENGINEERING, INC.



Lawrence J. Fassler
Vice President, General Counsel and Secretary

Schedule A
Patent ASSETS of C. R. Bard, Inc.

FILE NUMBER	TITLE	APPL NUMBER	DATE FILED	PATENT NUMBER	DATE ISSUED	COUNTRY	EXPIRATION DATE	COMMENTS
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REDACTED

James F. Christensen September 21, 1998

Patent ASSETS of C. R. Bard, Inc.

<u>FILE NUMBER</u>	<u>TITLE</u>	<u>APPL NUMBER</u>	<u>DATE FILED</u>	<u>PATENT NUMBER</u>	<u>DATE ISSUED</u>	<u>COUNTRY</u>	<u>EXPIRATION DATE</u>	<u>COMMENTS</u>
190-PDD-92-03CIP B04107212	High Performance Wires for Use in Medical Guidewire and Alloys Therefor	08/391010 96906579.6 8-523809	02/21/1995 02/21/1996 02/21/1996	5720300	02/24/1998	United States EP (BE,FR,DE,IT,NL,ES,GB) Japan	02/24/2015	

REDACTED