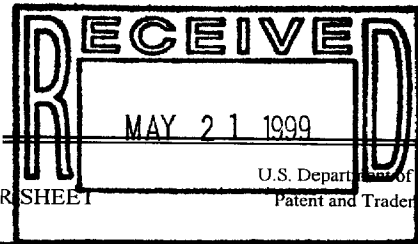


05-27-1999



Form PTO-1595
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RSHEET

U.S. Department of Commerce
Patent and Trademark Office

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. **5-21-99**
Additional name(s) of conveying party(ies) attached? yes no

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
Country: United States
Additional name(s) & address(es) attached? yes no

3. Nature of Conveyance:
 Assignment Merger
 Security Agreement Change of Name
 Other _____
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. 5,365,944

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

05/25/1999 JSH
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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.
Tracy-Gene G. Durkin *Tracy Durkin* May 21, 1999
Name of Person Signing Signature Date
Registration No. 32,831
Total number of pages including cover sheet, attachments and document 6

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

Mail documents to be recorded with required cover sheet information to:
Commissioner of Patents and Trademarks, Box Assignments
Washington, D.C. 20231

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.

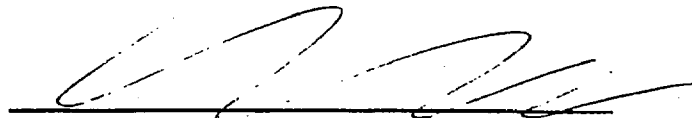
Signed and delivered for
and on behalf of the said
C. R. Bard, Inc.

in the presence of:



Witness


C. R. BARD, INC.



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

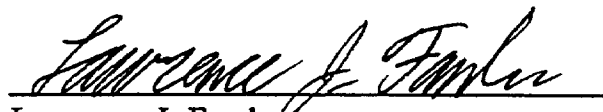
Signed and delivered for
and on behalf of the said
Arterial Vascular Engineering, Inc.

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.

LINE NUMBER TITLE APPL NUMBER DATE FILED PATENT NUMBER DATE ISSUED COUNTRY EXPIRATION DATE COMMENTS

REDACTED

Patent ASSETS of C. R. Bard, Inc.

FILE NUMBER	TITLE	APPL. NUMBER	DATE FILED	PATENT NUMBER	DATE ISSUED	COUNTRY	EXPIRATION DATE	COMMENTS
190-PJD-92-27CON H4110 7221	Guidewire Extension with Self-Latching Detachable Connector	08 23 1359	04 19 1994	5365944	11 22 1994	United States	10 09 2012	

REDACTED

PATENT

REEL: 009968 FRAME: 0289

RECORDED: 05/21/1999