

PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the application of:

Attorney Docket No.: 2005.86US02

Root et al.

Application No.: *of even date*

Filed: *of even date*

For: COAXIAL GUIDE CATHETER FOR INTERVENTIONAL CARDIOLOGY
PROCEDURES

PRELIMINARY AMENDMENT

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

INTRODUCTORY COMMENTS

Prior to examination, please amend the above-identified application as follows:

The present amendment comprises the following sections:

- A. Amendments to the Specification
- B. Listing of Claims
- C. Remarks

Please grant any extension of time necessary for entry; charge any fee due to Deposit Account No. 16-0631.

AMENDMENTS TO THE SPECIFICATION

In the Specification

Please substitute the following amended paragraph(s) and/or section(s) (deleted matter is shown by strikethrough and added matter is shown by underlining):

Page 1, prior to line 6, please insert the following:

Related Application

This application is a division of Application No. 11/416,629 filed May 3, 2006, which is hereby fully incorporated herein by reference.

AMENDMENTS TO THE CLAIMS

A detailed listing of all claims that are, or were, in the present application, irrespective of whether the claim(s) remain(s) under examination in the application is presented below. The claims are presented in ascending order and each includes one status identifier. Those claims not cancelled or withdrawn but amended by the current amendment utilize the following notations for amendment: 1. deleted matter is shown by strikethrough for six or more characters and double brackets for five or fewer characters; and 2. added matter is shown by underlining.

1. (Original) A method of providing backup support for an interventional cardiology device for use in the coronary vasculature, the interventional cardiology device being adapted to be passed through a guide catheter, the method comprising:

inserting the guide catheter into the first blood vessel, the guide catheter having a first lumen and a distal end;

positioning the distal end of the guide catheter in a second blood vessel that branches off from the first blood vessel;

inserting a coaxial guide catheter over the guidewire and into the first lumen of the guide catheter, the coaxial guide catheter having a second lumen and

a flexible distal tip portion,

a reinforced portion proximal to the distal tip portion, and

a substantially rigid portion proximal to the reinforced portion, the substantially rigid portion having an opening along a side thereof,

advancing the distal tip portion of the coaxial guide catheter into the second blood vessel such that the flexible distal tip portion and at least a portion of the reinforced portion extend out of the distal end of the guide catheter and into the second blood vessel; and

inserting the interventional cardiology device through the lumen of the coaxial guide catheter and into contact with or past a lesion in the second blood vessel.

2. (Original) The method as claimed in claim 1, further comprising applying a force to a proximal portion of the coaxial guide catheter such that the distal tip portion of the coaxial guide

catheter remains seated in the second blood vessel in response to an opposing backward force exerted by the interventional cardiology device.

3. (Original) The method as claimed in claim 1, further comprising:

keying the tapered inner catheter to the coaxial guide catheter at a proximal portion thereof;

inserting a guidewire having a tip into a first blood vessel; and

inserting the tip of the guidewire into a second blood vessel that branches off of the first blood vessel.

4. (Original) The method as claimed in claim 1, further comprising selecting the substantially rigid portion of the coaxial guide catheter such that it comprises a cylindrical portion and a partially cylindrical portion defining the opening along a side thereof.

5. (Original) The method as claimed in claim 1, further comprising selecting the guide catheter to further comprise a Y-adapter and the method further comprising injecting a fluid through the Y-adapter into the second lumen.

6. (Original) The method as claimed in claim 1, further comprising inserting a guidewire having a tip into a first blood vessel; and

inserting the tip of the guidewire into a second blood vessel that branches off of the first blood vessel.

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