DEC

PATENT Attorney Docket No. 011683-004

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of	
Robert L. HESS	
Serial No.: 07/755,480	Group Art Unit: 3305 Examiner: J. Lacyk
Filed: September 5, 1991	
For: METHOD AND APPARATUS FOR RESTENOSIS TREATMENT	

DECLARATION UNDER 37 CFR \$1.131

Honorable Commissioner of Patents and Trademarks Washington, D.C. 20231

Sir:

- I, Robert L. Hess, declare that:
- I am the inventor of the subject matter claimed in U.S. Patent Application Serial No. 07/755,480.
- 2. Exhibit A attached hereto discloses a method for treatment and post-treatment of the stenosed region of an artery. The method includes steps of reducing the annular stenosed area within an artery and advancing a radioactive dose means within the artery to the area of reduced stenosis. The radioactive dose means is operatively connected to positioning means and the advancing step is performed by moving the positioning means. The method also includes steps of applying a radioactive dose to the area of reduced stenosis by exposing the area of reduced stenosis to the radioactive dose means and removing the dose means from the artery by moving the positioning means. Exhibit A also discloses apparatus for post-treatment of a stenosed region of an artery that has been reduced by angioplasty or other means. The apparatus includes radioactive dose

means and positioning means operatively connected to the dose means for advancing the dose means and positioning the dose means within the stenosed region of an ariery that has been reduced by angioplasty or other means. The positioning means is also operatively connected to the dose means for withdrawing the dose means from the artery. Exhibit A was prepared in the United States prior to December 11, 1989.

3. Work performed by me or under my direction relating to guide wires and catheters for use with radioactive dose means to be used for treatment and post-treatment of the stenosed region of an artery has been ongoing in the United States from prior to December 11, 1989 through the September 5, 1991 filing date of U.S. Patent Application Serial No. 07/755,480.

The undersigned inventor declares further that all statements made herein of his own knowledge are true and that all statements made on information and belief are believed to be true and further that these statements are made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

16 Dec 1992

Robert I. Heer

EXHIBIT A

HTHEIRECTOMY, HOT BAlloons (Luser: others) AND THE USE Of Stents HAVE BEEN THOUGHT to potentially those some valve in Restenosis Portes. HOWEVER, THE Revery DATA WITICH is NOW COMING IN SEEMS TO INDICATE THAT THESE METHODI DO NOT SIGNIFICANTILL REDUCE RESTONSIS ROTES. IN RESTENSIS A prolification of cells, Pollowing Ansiophish or HTHERECTOMY CHUSES THE VESION to PEROREM - 1711 CHUSES THE VESION to REFORM - THE
RITE OF RESTENOSIS IN CZONESZACHY to Bt ABOUT 3370 CONSIDERED Mare pre it would BE DESIRORLE to HAVE A MEMOS MOD A METHOD TOZAT LESIANS WITH A PEDUCED METHON Desternosis note - 1 Proposes WHISH HUS, At 1+3 DISTER BND, RADIO ACTIVE SOURCE. THE Sources would BE MANNIEUCO to the site WHICH HAS BEEN DILHTED OF REMOVED A RADIATION DOSE HAST WOULD KILL Snooth unsell cells. 17 THIS CON BE Dove in A controlled insures, 17 IS possible that the Ropio growth of cell could be prevented and Restenosis Em troller.

