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Execution Date: 06/30/03 and 07/01/03

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): 10/387,347

   Additional numbers attached? □ Yes □ No

5. Name and address of party to whom correspondence concerning document should be mailed:
   Name: Mark D. Barrish
   TOWNSEND AND TOWNSEND AND CREW LLP
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   San Francisco, California 94111-3834
   (415) 576-0200

6. Total number of applications and patents involved: 1

   7. Total fee (37 CFR 3.41): $40.00
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PATENT
REEL: 013860 FRAME: 0275
1. Additional name(s) of conveying party(ies):
   (Continued from Page 1)
   KRISTINE TATSUTANI
   JOSEPH J. WILLIAMS

2. Additional name(s) and address(es) of receiving party(ies):
   (Continued from Page 1)

3. Additional application number(s) or patent number(s):
   (Continued from Page 1)
   A. Patent Application No.(s)  B. Patent No.(s)
ASSIGNMENT OF PATENT APPLICATION

WHEREAS, JAMES JOYE of 14672 Carnelian Glenn Court, Saratoga, CA 95070; KRISTINE TATSUTANI of 5636 Stevens Creek Blvd., #380, Cupertino, CA 95014; and JOSEPH J. WILLIAMS of 30 Adler Circle, Sacramento, CA 95864 hereinafter referred to as “Assignors,” are the inventors of the invention described and set forth in the below-identified application for U.S. Letters Patent:

Title of Invention: CRYOTHERAPY METHOD FOR DETECTING AND TREATING VULNERABLE PLAQUE

Date(s) of execution of Declaration: 6/30/03 and 7/1/03

Filing Date: March 11, 2003

Application No.: 10/387,347; and

WHEREAS, CRYOVASCULAR SYSTEMS, INC., a corporation of the state of Delaware, located at 160 Knowles Drive, Los Gatos, CA, 95032, hereinafter referred to as “ASSIGNEE,” is desirous of acquiring an interest in the invention and application and in any U.S. Letters Patent and Registrations which may be granted on the same;

For good and valuable consideration, receipt of which is hereby acknowledged by Assignors, Assignors have assigned, and by these presents do assign to Assignee all right, title and interest in and to the invention and application and to all foreign counterparts (including patent, utility model and industrial designs), and in and to any Letters Patent and Registrations which may hereafter be granted on the same in the United States and all countries throughout the world, and to claim the priority from the application as provided by the Paris Convention. The right, title and interest is to be held and enjoyed by Assignee and Assignee’s successors and assigns as fully and exclusively as it would have been held and enjoyed by Assignors had this Assignment not been made, for the full term of any Letters Patent and Registrations which may be granted thereon, or of any division, renewal, continuation in whole or in part, substitution, conversion, reissue, prolongation or extension thereof.

Assignors further agree that they will, without charge to Assignee, but at Assignee’s expense, (a) cooperate with Assignee in the prosecution of U.S. Patent applications and foreign counterparts on the invention and any improvements, (b) execute, verify, acknowledge and deliver all such further papers, including patent applications and instruments of transfer, and (c) perform such other acts as Assignee lawfully may request to obtain or maintain Letters Patent and Registrations for the invention and improvements in any and all countries, and to vest title thereto in Assignee, or Assignee’s successors and assigns.

IN TESTIMONY WHEREOF, Assignors have signed their names on the dates indicated.

Dated: 6/30/03

Dated: 6/30/03

Dated: 7/1/03

JAMES JOYE
KRISTINE TATSUTANI
JOSEPH J. WILLIAMS

PA 3313686 v1

RECORDED: 08/08/2003