05-28-1998

Date: May 13, 1998 Attorney Docket: 077-CP

FORM PTO-1595 RF (Rev. 6-93) OMB No. 0651-0011 (exp.



J.S. DEPT. OF COMMERCE

Patent and Trademark Office

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

Name of conveying party(ies)

John H. Stevens Richard B. Brewer Daniel C. Rosenman Hanson S. Gifford, III

Additional name(s) of conveying party(ies) attached? [] Yes [X] No

3. Nature of conveyance:

[X] Assignment [] Merger [] Security Agreement [] Change of Name [] Other

Execution Date: April 14 and 16, 1998

2. Name and address of receiving party(ies)

Name: HEARTPORT, INC.

Internal Address: 200 Chesapeake Drive Redwood City, CA 94063

Street Address: 200 Chesapeake Drive Redwood City, CA 94063

Additional name(s) and address(es) attached? [] Yes [X] No

4. Application number(s) or patent number(s): 08/986,917

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

A. Patent Application No.(s): 08/986,917

B. Patent No.(s)

Additional numbers attached? [] Yes [X] No

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

Name: HEARTPORT, INC.

Internal Address: 200 Chesapeake Drive Redwood City, CA 94063

Street Address: 200 Chesapeake Drive Redwood City, CA 94063 6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41) \$40.00

[] Enclosed

[X] Authorized to be charged to deposit account

8. Deposit Account No.: 08-1510 (duplicate attached)

DO NOT USE THIS SPACE

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.

Jens E. Hoekendijk Name of Person Signing Registration No.: 37,149

Total number of pages including cover sheet, attachments, and document: 4

Washington, D.C. 120131EL: 9184 FRAME: 02525

ASSIGNMENT OF PATENT APPLICATION

WHEREAS, JOHN H. STEVENS, RICHARD B. BREWER, DANIEL C. ROSENMAN, and HANSON S. GIFFORD, III, hereinafter referred to as "Assignors," are the inventors of the invention described and set forth in the below identified application for United States Letters Patent:

Title of the Invention: METHOD AND APPARATUS FOR DELIVERY OF

THERAPEUTIC AGENTS TO THE HEART

Filing date:

December 8, 1997

Serial No.:

08/986,917

WHEREAS, **HEARTPORT**, **INC.**, a Delaware corporation, located at 200 Chesapeake Drive, Redwood City, California 94063, hereinafter referred to as "Assignee," is desirous of acquiring an interest in the invention and application and in any 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 does 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 all future improvements thereon, 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 interests 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.

PATENT

REEL: 9184 FRAME: 0253

STATE OF CALIFORNIA)	SS
COUNTY OF SAN MATEO)	
the person whose name is subscribed to the	before me, W. Mauveen LegezNotary Public, o proved to me on the basis of satisfactory evidence to be ne within instrument and acknowledged to me that he sity, and that by his signature on the instrument the person, son acted, executed the instrument.
WITNESS my hand and official s	eal.
Signature W. Mauren hap Notary Public—My Commission Expires 9/21/98	W. Maureen Lopez Z Comm. \$1039200 HOTANY PUBLIC - CALIFORNIA ALAMEDA COUNTY Count. Englise Sept. 21, 1998
STATE OF CALIFORNIA)	SS
COUNTY OF SAN MATEO)	
whose name is subscribed to the within in	before me, W. Maureen Lopez, Notary Public, personally to me on the basis of satisfactory evidence to be the person strument and acknowledged to me that he executed the by his signature on the instrument the person, or the entity ecuted the instrument.
WITNESS my hand and official s	eal.
Signature W. Mouden Ope Notary Public—My Commission Expires September 21, 1998	
STATE OF CALIFORNIA) COUNTY OF SAN MATEO)	SS
person whose name is subscribed to the w	before me, Loni M. Cummings, Notary Public, personally ed to me on the basis of satisfactory evidence to be the ithin instrument and acknowledged to me that he executed hat by his signature on the instrument the person, or the ted, executed the instrument.
WITNESS my hand and official s	eal.

Notary Public—My Commission Expires February 9, 2001

UUSN: 08/986,917 Assignment of Patent Application

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STATE OF CALIFORNIA		
)	SS
COUNTY OF SAN MATEO)	

Or Joseph Joseph before me, Loni M. Cummings, Notary Public, personally appeared Hanson S. Gifford, III, who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

Notary Public—My Commission

Expires February 9, 2001

LONI M. CUMMINGS
Commission # 1126751
Notary Public — California
San Mateo County
My Comm. Expires Feb 9, 2001

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RECORDED: 05/18/1998 REEL: 9184 FRAME: 0255