

08-17-1998

PATENT

Date: July 17, 1998

Attorney Docket: 087-CP



100794734

FORM PTO-1595 RECORD (Rev. 6-93) P OMB No. 0651-0011 (exp. 4/94)

DEPT. OF COMMERCE Patent and Trademark Office

WRD 7-20-98

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

1. Name of conveying party(ies):

Dr. James L. Cox
Stephen W. Boyd
Hanson S. Gifford, III
Matthias Vaska
Daniel D. Merrick

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

3. Nature of conveyance:
[X] Assignment [] Merger
[] Security Agreement [] Change of Name
[] Other _____

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

Execution Dates: March 12, July 9, 10 and 17, 1998

4. Application number(s) or patent number(s): 08/943,683

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

A. Patent Application No.(s) 08/943,683

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.

Jeffrey J. Grainger
Name of Person Signing
Registration No.: 36,815

Signature Date 7/17/98

Total number of pages including cover sheet, attachments, and document: 7

Mail documents to be recorded with required cover sheet information to:
Assistant Commissioner for Patents, Box Assignments

Washington, DC 20231 378 FRAME: 0231

08/17/1998 TT0811 00000036 081510 00943683

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ASSIGNMENT OF PATENT APPLICATION

WHEREAS, **DR. JAMES L. COX, STEPHEN W. BOYD, HANSON S. GIFFORD, III, MATTHIAS VASKA and DANIEL D. MERRICK**, 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: **SURGICAL SYSTEM AND PROCEDURE FOR TREATMENT OF MEDICALLY REFRACTORY ATRIAL FIBRILLATION**

Filing date: October 15, 1997

Serial No.: 08/943,683

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.

Dr. James L. Cox

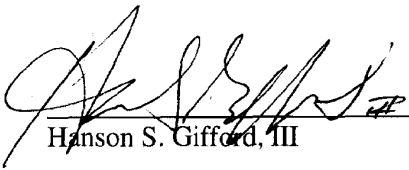
Date



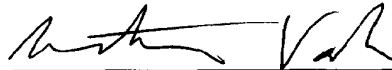
Stephen W. Boyd

12 March 98

Date


 Hanson S. Gifford, III

7/17/98
 Date


 Matthias Vaska

7/10/98
 Date

 Daniel D. Merrick

 Date

STATE OF _____)
) ss
 COUNTY OF _____)

On _____ before me, _____,
 _____, (Name and Title of Officer), personally appeared Dr. James L. Cox, 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.

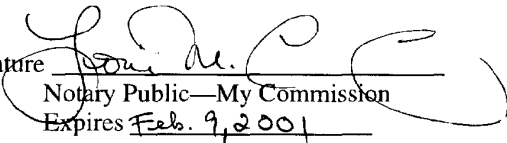
WITNESS my hand and official seal.

Signature _____
 Notary Public—My Commission
 Expires _____

STATE OF CALIFORNIA)
) ss
 COUNTY OF San Mateo)

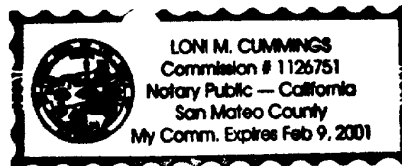
On March 11, 1998 before me, Loni M. Cummings, Notary Public, personally appeared Stephen W. Boyd, who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and 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.

Signature 
 Notary Public—My Commission
 Expires Feb. 9, 2001



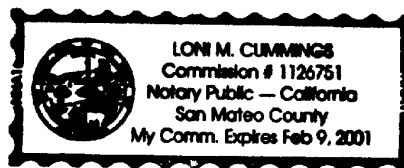
STATE OF CALIFORNIA)
) ss
COUNTY OF SAN MATEO)



On July 17, 1998 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.

Signature Loni M. Cummings
Notary Public—My Commission
Expires February 9, 2001



STATE OF CALIFORNIA)
) ss
COUNTY OF SAN MATEO)

On July 10, 1998 before me, Loni M. Cummings, Notary Public, personally appeared Mathias Vaska, 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.

Signature Loni M. Cummings
Notary Public—My Commission
Expires February 9, 2001

STATE OF CALIFORNIA)
) ss
COUNTY OF SAN MATEO)

On _____ before me, _____, _____, (Name and Title of Officer), personally appeared Daniel D. Merrick, 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.

Signature _____
Notary Public—My Commission
Expires February 9, 2001

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Filing date: October 15, 1997

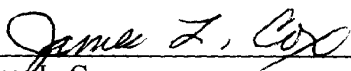
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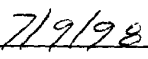
For good and valuable consideration, receipt of which is hereby acknowledged by Assignors, Assignors have assigned, and by these presents does assign to Assignee all right, title and interest in and to the invention and application and to all foreign counterparts (including patent, utility model and 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.



Dr. James L. Cox



Date

Stephen W. Boyd

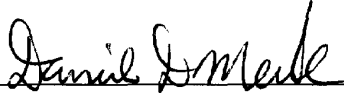
Date

Hanson S. Gifford, III

Date

Matthias Vaska

Date



Daniel D. Merrick

7-15-98

Date

STATE OF _____)
) ss
COUNTY OF _____)

On _____ before me, _____, _____, (Name and Title of Officer), personally appeared Dr. James L. Cox, 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.

Signature _____
Notary Public—My Commission
Expires _____

STATE OF CALIFORNIA)
) ss
COUNTY OF _____)

On _____ before me, Loni M. Cummings, Notary Public, personally appeared Stephen W. Boyd, 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.

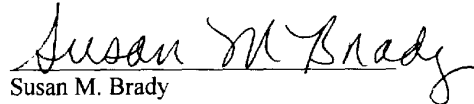
WITNESS my hand and official seal.

Signature _____
Notary Public—My Commission
Expires _____

STATE OF CALIFORNIA)
COUNTY OF ALAMEDA) ss.

On July 15, 1998, before me, Susan M. Brady, Notary Public, personally appeared Daniel D. Merrick, personally known to me (~~or proved to me on the basis of satisfactory evidence~~) to be the person(s) whose name(s) is/~~are~~ subscribed to the within instrument and acknowledged to me that he/~~she/they~~ executed the same in his/~~her/their~~ authorized capacity(ies), and that by his/~~her/their~~ signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.


Susan M. Brady

