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FORM PTO-1595 (Rev. 6-93) OMB No. 0651-0011 (exp. 4/1) Tab settings 000



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COVER SHEET NLY

U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office

To the Honorable _____ record the attached original documents or copy thereof.

1. Name of conveying party(ies): P.V. Marasco 10-23-00 D.N. Halgren Additional name(s) of conveying party(ies) attached? Yes No

2. Name and address of receiving party(ies) Name: Pulsecare Medical LLC Internal Address: _____

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

Street Address: 102 Baldpate Rd City: Boxford State: MA ZIP: 01921

Execution Date: 21 July 2000

Additional name(s) & address(es) attached? Yes No

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: 21 July 2000

A. Patent Application No.(s) 09/1621636

B. Patent No.(s)

Additional numbers attached? Yes No

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

Name: Don Halgren

Internal Address: _____

Street Address: 35 Central St

City: Manchester State: MA ZIP: 01444

6. Total number of applications and patents involved: 1

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

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8. Deposit account number: _____

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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.

D. N. Halgren Name of Person Signing

[Signature] Signature

20 Oct 2000 Date

Total number of pages including cover sheet, attachments, and document: 6

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(Form PTO-1595-Recordation Form Cover Sheet [16-5]-page 1 of 3)

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7-21-00

101423559

SHEET

U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

FORM PTO-1595
(Rev. 6-93)

OMB No. 0651-0011 (exp. 4/94)

PATENTS ONLY

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

1. Name of conveying party(ies):

P.V. MAZUSCO
D.N. HALGREN

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

2. Name and address of receiving party(ies)

Name: Pulsecare Medical LLC

Internal Address: _____

Street Address: 102 Baldpate Rd

City: Buxford State: MA ZIP: 01921

Additional name(s) & address(es) attached? Yes No

3. Nature of conveyance:

- Assignment Merger
- Security Agreement Change of Name
- Other _____

Execution Date: 21 July 2000

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If this document is being filed together with a new application, the execution date of the application is: 21 July 2000

A. Patent Application No.(s)

B. Patent No.(s)

09621636

Additional numbers attached? Yes No

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

Name: Don Halgren

Internal Address: _____

Street Address: 35 Central St

City: Manchester State: MA ZIP: 01944

6. Total number of applications and patents involved: 1

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

- Enclosed
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8. Deposit account number:

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Don Halgren
Name of Person Signing

[Signature]
Signature

21 July 2000
Date

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09/21/00

Practitioner's Docket No. Marasco - 4

PATENT

For: U.S. and/or Foreign Rights
For: U.S. Application or
 U.S. Provisional Application
For: U.S. Patent
For: PCT Application
By: Multiple Inventors

ASSIGNMENT OF INVENTION (MULTIPLE INVENTORS)

In consideration of the payment by ASSIGNEE to ASSIGNOR of the sum of One Dollar (\$1.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration,

ASSIGNORS (Inventors):

Patrick V. Marasco
(type or print name of inventors)

102 Baldpate Rd
Boxford MA 01921 (U.S.)
Address Nationality

Donald N. Halgren

35 Central St.
Manchester MA 01444 (U.S.)

hereby sells, assigns and transfers to

ASSIGNEE:

Pulsecare Medical LLC

(type or print name of ASSIGNEE)

102 Baldpate Rd.

Address

US

Nationality

Boxford MA 01921

and the successors, assigns and legal representatives of the ASSIGNEE

(complete one of the following)

- the entire right, title and interest
- an undivided _____ percent (____ %) interest

for the United States and its territorial possessions

(check the following box, if foreign rights are also to be assigned)

and in all foreign countries, including all rights to claim priority in and to any and all improvements which are disclosed in the invention entitled:

Tissue Irrigation Arrangement

(check and complete (a), (b), (c), (d), (e), (f), or (g))

and which is found in (37 C.F.R. § 3.21)

- (a) U.S. patent application executed on even date herewith
- (b) U.S. patent application executed on _____
- (c) U.S. provisional application naming the above inventor(s) for the above-entitled invention
 - Express mail label no.: _____
 - Mailed: _____
 - To comply with 37 C.F.R. § 3.21 for recordal of this assignment, I, an ASSIGNOR signing below, hereby authorize and request my attorney to insert below the filing date and application number when they become known.
- (d) U.S. application no. _____ / _____ filed on _____
- (e) International application no. PCT _____ / _____ / _____ filed on _____
- (f) U.S. patent no. _____ issued _____
 - A change of address to which correspondence is to be sent regarding patent maintenance fees is being sent separately.

(check (g), if foreign application(s) is also being assigned)

- (g) and any legal equivalent thereof in a foreign country, including the right to claim priority

and, in and to, all Letters Patent to be obtained for said invention by the above application or any continuation, division, renewal, or substitute thereof, and as to letters patent any reissue or re-examination thereof.

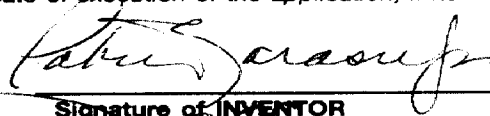
ASSIGNOR hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment.

ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR and will testify as to the same in any interference, litigation or proceeding related thereto and will promptly execute and deliver to ASSIGNEE or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof.

IN WITNESS WHEREOF, We have hereunto set hand and seal this 21 July 2000
Date of signing

WARNING: The date of signing must be the same as the date of execution of the application, if item (a) was checked above.

Patrick V. Maresca
(type name of inventor)


Signature of INVENTOR

Donald W. Halgren

Notarization or Legalization Page Added.

NOTE: No witnessing, notarization or legalization is necessary. If the assignment is notarized or legalized then it will only be prima facie evidence of execution. 35 U.S.C. § 261. Use next page if notarization is desired.

Practitioner's Docket No. Marasco-4

PATENT

- For: U.S. and/or Foreign Rights
- For: U.S. Application or
- U.S. Provisional Application
- For: U.S. Patent
- For: PCT Application
- By: Multiple Inventors

ASSIGNMENT OF INVENTION (MULTIPLE INVENTORS)

In consideration of the payment by ASSIGNEE to ASSIGNOR of the sum of One Dollar (\$1.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration,

ASSIGNORS (Inventors):

Patrick V. Marasco
(type or print name of inventors)

102 Baldpate Rd, Foxford MA 01921 (US)
Address Nationality

Donald W. Halgren

35 Central St, Manchester MA 01944 (US)

hereby sells, assigns and transfers to

ASSIGNEE:

Pulsecase Medical LLC 102 Baldpate Rd.
(type or print name of ASSIGNEE) Address

US Box 500 MA 01927
Nationality

and the successors, assigns and legal representatives of the ASSIGNEE

(complete one of the following)

- the entire right, title and interest
- an undivided _____ percent (____ %) interest

for the United States and its territorial possessions

(check the following box, if foreign rights are also to be assigned)

and in all foreign countries, including all rights to claim priority
in and to any and all improvements which are disclosed in the invention entitled:

Tissue Irrigation Arrangement

(check and complete (a), (b), (c), (d), (e), (f), or (g))

and which is found in (37 C.F.R. § 3.21)

- (a) U.S. patent application executed on even date herewith
- (b) U.S. patent application executed on _____
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(check (g), if foreign application(s) is also being assigned)

- (g) and any legal equivalent thereof in a foreign country, including the right to claim priority