

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT4832094

SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT
NATURE OF CONVEYANCE:	Corrective Assignment to correct the SPELLING OF INVENTOR CATHARINE JOHNSON-TIECK'S FIRST NAME previously recorded on Reel 042527 Frame 0085. Assignor(s) hereby confirms the CORRECT SPELLING OF THE INVENTOR'S NAME IS "CATHARINE JOHNSON-TIECK".
CONVEYING PARTY DATA	
Name	Execution Date
JEFFREY P. MANSFIELD	05/26/2017
CATHARINE JOHNSON-TIECK	05/13/2017
RECEIVING PARTY DATA	
Name:	SONARMED INC.
Street Address:	12220 N. MERIDIAN STREET
Internal Address:	SUITE 150
City:	CARMEL
State/Country:	INDIANA
Postal Code:	46032
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	13853252
CORRESPONDENCE DATA	
Fax Number:	(206)883-2699
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>	
Phone:	206-883-2500
Email:	hpratt@wsgr.com
Correspondent Name:	WILSON SONSINI GOODRICH & ROSATI
Address Line 1:	701 FIFTH AVENUE, SUITE 5100
Address Line 4:	SEATTLE, WASHINGTON 98104-7036
ATTORNEY DOCKET NUMBER:	50991-704.201
NAME OF SUBMITTER:	HILLARY PRATT
SIGNATURE:	/Hillary Pratt/
DATE SIGNED:	02/20/2018
Total Attachments: 3	
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PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT4434821

SUBMISSION TYPE:	NEW ASSIGNMENT						
NATURE OF CONVEYANCE:	ASSIGNMENT						
CONVEYING PARTY DATA							
<table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>JEFFREY P. MANSFIELD</td><td>05/26/2017</td></tr><tr><td>CATHERINE JOHNSON-TIECK <u>CATHARINE JOHNSON-TIECK</u></td><td>05/13/2017</td></tr></tbody></table>	Name	Execution Date	JEFFREY P. MANSFIELD	05/26/2017	CATHERINE JOHNSON-TIECK <u>CATHARINE JOHNSON-TIECK</u>	05/13/2017	
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Email:	kchance@wsgr.com						
Correspondent Name:	WILSON SONSINI GOODRICH & ROSATI						
Address Line 1:	650 PAGE MILL ROAD						
Address Line 4:	PALO ALTO, CALIFORNIA 94304						
ATTORNEY DOCKET NUMBER:	50991-704.201						
NAME OF SUBMITTER:	KEVIN J. CHANCE						
SIGNATURE:	/Kevin J. Chance/						
DATE SIGNED:	05/30/2017						
Total Attachments: 2							
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source=50991-704.201 Executed Confirmatory Assignment#page2.tif							

PATENT ASSIGNMENT

Docket Number 50991-704.201

WHEREAS, the undersigned:

2/15/2018 | 1:50 PST

1. Jeffrey P. MANSFIELD
12220 N. Meridian Street
Suite 150
Carmel, IN 46032
US

2. ~~Catherine JOHNSON-TIECK~~ Catharine JOHNSON-TIECK
12220 N. Meridian Street
Suite 150
Carmel, IN 46032
US

Date/Inv. Initials

(hereinafter "Inventor(s)"), have invented certain new and useful improvements in

SYSTEM AND METHOD FOR USE OF ACOUSTIC REFLECTOMETRY INFORMATION IN VENTILATION DEVICES

for which application serial number 13/853,252 was filed on March 29, 2013, in the United States Patent and Trademark Office (hereinafter, "Application(s)"). The term "Application(s)" also includes all patent applications that share or claim priority to or from the above application(s).

WHEREAS, SONARMED INC., a corporation of the State of Delaware, having a place of business at 12220 N. Meridian Street, Suite 150, Carmel, Indiana 46032, United States of America, (hereinafter "Assignee"), is desirous of acquiring the entire right, title and interest in and to said Application(s), and the inventions disclosed therein, and in and to all embodiments of the inventions, heretofore conceived, made or discovered, whether jointly or severally, by said Inventor(s) (hereinafter collectively referred to as "Inventions"), and in and to any and all patents, inventor's certificates and other forms of protection thereon granted in the United States, foreign countries, or under any international convention, agreement, protocol, or treaty, including those filed under the Paris Convention for the Protection of Industrial Property, The Patent Cooperation Treaty or otherwise (hereinafter "Patent(s)").

WHEREAS the undersigned previously assigned all rights to SONARMED, INC., as recorded with the United States Patent and Trademark Office under Reel/Frame No. 036531/0886 on September 10, 2015, the Assignee name on the previous assignment was noted incorrectly as SONARMED, INC. This confirmatory Assignment hereby confirms that the correct Assignee name is SONARMED INC.

NOW, THEREFORE, in consideration of good and valuable consideration acknowledged by said Inventor(s) to have been received in full from said Assignee:

1. Said Inventor(s) do hereby sell, assign, transfer and convey unto said Assignee the entire right, title and interest (a) in and to said Inventions; (b) in and to said Applications, including the right to claim priority to and from said Application(s); (c) in and to each and every application that is a divisional, substitution, continuation, or continuation-in-part of any of said Application(s); (d) in and to said Patent(s) and each and every patent issuing or reissuing from any of the foregoing; (e) in and to each and every reissue, reexamination, renewal or extension of any kind of any of the foregoing; (f) in and to each and every patent and application filed outside the United States and corresponding to any of the foregoing; and (g) in and to all claims for past, present and future infringement of the Patent(s), including all rights to sue for and to receive and recover for Assignee's own use all past, present, and future lost profits, royalties, and damages of whatever nature recoverable from an infringement of the Patent(s).

2. Said Inventor(s) hereby covenant and agree to cooperate with said Assignee to enable said Assignee to enjoy to the fullest extent the right, title and interest herein conveyed in the United States, foreign countries, or under any international convention, agreement, protocol, or treaty. Such cooperation by said Inventor(s) shall include prompt production of pertinent facts and documents, giving of testimony, execution of petitions, oaths, specifications, declarations or other papers, and other assistance all to the extent deemed necessary or desirable by said Assignee (a) for perfecting in said Assignee the right, title and interest herein conveyed; (b) for prosecuting any applications covering said Inventions; (c) for filing and prosecuting substitute, divisional, continuing or additional applications covering said Inventions; (d) for filing and prosecuting applications for reissuance of any said Patent(s); (e) for interference or other priority proceedings involving said Inventions; and (f) for legal proceedings involving said Inventions and any applications therefor and any Patent(s) granted thereon, including without limitation reissues and reexaminations, opposition proceedings, cancellation proceedings, priority contests, public use proceedings, infringement actions and court actions; provided, however, that reasonable expenses incurred by said Inventor(s) in providing such cooperation shall be paid for by said Assignee.

3. The terms and covenants of this assignment shall inure to the benefit of said Assignee, its successors, assigns and other legal representatives, and shall be binding upon said Inventor(s), their respective heirs, legal representatives and assigns.

4. Said Inventor(s) hereby warrant, represent and covenant that said Inventor(s) have not entered and will not enter into any assignment, contract, or understanding in conflict herewith.

5. Said Inventor(s) hereby request that any Patent(s) issuing in the United States, foreign countries, or under any international convention, agreement, protocol, or treaty, be issued in the name of the Assignee, or its successors and assigns, for the sole use of said Assignee, its successors, legal representatives and assigns.

6. This instrument will be interpreted and construed in accordance with the laws of the State of California, without regard to conflict of law principles. If any provision of this instrument is found to be illegal or unenforceable, the other provisions shall remain effective and enforceable to the greatest extent permitted by law. This instrument may be executed in counterparts, each of which is deemed an original, but all of which together constitute one and the same agreement.

IN WITNESS WHEREOF, said Inventor(s) have executed and delivered this instrument to said Assignee as of the dates written below:

Date:

5/26/17 J. Mansfield
Jeffrey P. MANSFIELD

Date: 5/13/17

Catharine JOHNSON-TIECK
Catharine JOHNSON-TIECK

DS

Date/Inv. Initials

2/19/2018 | 6:04 PST

PATENT ASSIGNMENT		Docket Number 50991-704.201
RECEIVED AND AGREED TO BY ASSIGNEE: SONARMED INC.		2/15/2018 1:49 PM
Date: <u>5.26.17</u>	Signature: <u>J. Mansfield</u> Name: <u>Jeffrey Mansfield</u> Title: <u>Chief Technical Officer</u>	<u>JM</u> Date/Initials