

## TRADEMARK ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

ETAS ID: TM442680

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT		
<b>NATURE OF CONVEYANCE:</b>	SECURITY INTEREST		
<b>CONVEYING PARTY DATA</b>			
<b>Name</b>	<b>Formerly</b>	<b>Execution Date</b>	<b>Entity Type</b>
Pulse Health LLC		09/08/2017	Limited Liability Company: OREGON
<b>RECEIVING PARTY DATA</b>			
<b>Name:</b>	Structure X Capital, L.P.		
<b>Street Address:</b>	720 California St., 5th Floor		
<b>City:</b>	San Francisco		
<b>State/Country:</b>	CALIFORNIA		
<b>Postal Code:</b>	94108		
<b>Entity Type:</b>	Limited Partnership: CALIFORNIA		
<b>Name:</b>	Andrew Gundlach, as Trustee of the Nina Gorrissen 2014 Trust FBO Michael M. Kellen and His Descendants		
<b>Street Address:</b>	1345 Avenue of the Americas, 48th Floor		
<b>City:</b>	New York		
<b>State/Country:</b>	NEW YORK		
<b>Postal Code:</b>	10105		
<b>Entity Type:</b>	Trustee: NEW YORK		
<b>Name:</b>	Andrew Gundlach, as Trustee of the Nina Gorrissen 2014 Trust FBO Marina K. French and her Descendants		
<b>Street Address:</b>	1345 Avenue of the Americas, 48th Floor		
<b>City:</b>	New York		
<b>State/Country:</b>	NEW YORK		
<b>Postal Code:</b>	10105		
<b>Entity Type:</b>	Trustee: NEW YORK		
<b>Name:</b>	Snowcrest Partners LLC		
<b>Street Address:</b>	68 Mesa Court		
<b>City:</b>	Atherton		
<b>State/Country:</b>	CALIFORNIA		
<b>Postal Code:</b>	94027		
<b>Entity Type:</b>	Limited Liability Company: CALIFORNIA		
<b>Name:</b>	58 Jarque Pty Ltd		
<b>Street Address:</b>	55 Collins St., Level 39		

TRADEMARK

<b>City:</b>	Melbourne
<b>State/Country:</b>	AUSTRALIA
<b>Postal Code:</b>	3000
<b>Entity Type:</b>	Private Company: AUSTRALIA
<b>Name:</b>	Thorney Omega Pty LtdCh Floor
<b>Street Address:</b>	55 Collins Street, Level 39
<b>City:</b>	Melbourne
<b>State/Country:</b>	AUSTRALIA
<b>Postal Code:</b>	3000
<b>Entity Type:</b>	Private Company: AUSTRALIA
<b>Name:</b>	Chimera Partners Investments Limited
<b>Street Address:</b>	7-9 Cadogan Square, Flat K
<b>City:</b>	London
<b>State/Country:</b>	UNITED KINGDOM
<b>Postal Code:</b>	SW1X 0HT
<b>Entity Type:</b>	Private Limited Company: UNITED KINGDOM

**PROPERTY NUMBERS Total: 2**

Property Type	Number	Word Mark
<b>Registration Number:</b>	4532867	PULSEHEALTH
<b>Registration Number:</b>	3931641	REVELAR

**CORRESPONDENCE DATA**

**Fax Number:** 5032202480

*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.*

**Phone:** (503) 294-9584

**Email:** anne.glazer@stoel.com, patrick.hartigan@stoel.com

**Correspondent Name:** Anne W. Glazer/Stoel Rives LLP

**Address Line 1:** 760 SW Ninth Avenue, Suite 3000

**Address Line 4:** Portland, OREGON 97205

**NAME OF SUBMITTER:** Patrick P. Hartigan, SR Paralegal

**SIGNATURE:** /Patrick P. Hartigan/

**DATE SIGNED:** 09/11/2017

**Total Attachments: 7**

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**AMENDMENT NO. 4 TO  
SECURITY INTEREST  
IN PATENTS AND TRADEMARKS**

THIS AMENDMENT NO. 4 TO SECURITY INTEREST IN PATENTS AND TRADEMARKS (this "**Amendment**"), effective as of September 8, 2017, amends the Security Interest in Patents and Trademarks dated as of November 19, 2015, made by Pulse Health LLC, an Oregon limited liability company (the "**Grantor**"), and recorded with the United States Patent and Trademark Office on November 25, 2015, as amended by an Amendment No. 1 to Security Interest in Patents and Trademarks dated as of November 22, 2016, and recorded with the United States Patent and Trademark Office on November 28, 2016; and as amended by an Amendment No. 2 to Security Interest in Patents and Trademarks dated as of March 17, 2017, and recorded with the United States Patent and Trademark Office on March 22, 2017; and as amended by an Amendment No. 3 to Security Interest in Patents and Trademarks dated as of June 1, 2017, and recorded with the United States Patent and Trademark Office on June 5, 2017 (as amended, the "**Security Interest**"). Capitalized terms used and not otherwise defined herein have the meanings given to such terms in the Security Interest.

FOR GOOD AND VALUABLE CONSIDERATION, receipt and sufficiency of which are hereby acknowledged, the Grantor hereby agrees as follows:

1. Exhibit A to the Security Interest is hereby amended by adding the legal entities listed on Exhibit A attached hereto as Grantees. For the avoidance of doubt, the Grantor hereby grants to such persons and legal entities a security interest in (i) all of the Grantor's right, title and interest in and to the Marks; (ii) all of the Grantor's right, title and interest in and to the Marks and Patents, in each case together with (iii) all "proceeds" (as such term is defined in the Agreement) of the Marks and Patents, (iv) the goodwill of the businesses with which the Marks are associated and (v) all causes of action arising prior to or after the date hereof for infringement of any of the Marks and Patents or unfair competition regarding the same.

2. Schedule B to the Security Interest is hereby amended and restated to read in its entirety as Schedule B attached hereto.

3. All references in the Security Interest to "Security Interest," "herein," "hereof," or terms of like import referring to the Security Interest or any portion thereof are hereby amended to refer to the Security Interest as amended by this Amendment.

4. Except as and to the extent expressly modified by this Amendment, the Security Interest shall remain in full force and effect in all respects.

*[Signature page follows.]*

IN WITNESS WHEREOF, the undersigned has executed this Amendment as of the date first set forth above.

**Pulse Health LLC**

By: \_\_\_\_\_

Name: John H. Dettra

Title: Chief Financial Officer

Exhibit A to Amendment No. 4 to  
Security Interest in Patents and Trademarks

**Additional Grantees**

1. Structure X Capital, L.P.
2. Andrew Gundlach, as Trustee of the Nina Gorrissen 2014 Trust FBO Michael M. Kellen and His Descendants
3. Andrew Gundlach, as Trustee of the Nina Gorrissen 2014 Trust FBO Marina K. French and Her Descendants
4. Snowcrest Partners LLC
5. 58 Jarque Pty Ltd
6. Thorney Omega Pty Ltd
7. Chimera Partners Investments Limited

SCHEDULE A

LIST OF TRADEMARKS

<u>MARK</u>	<u>APP./REG. NOS.</u>	<u>FILING/REG. DATES</u>
"REVELAR"	77/669,468	2/12/2009
	3,931,641	3/15/2011
"PULSEHEALTH"	86/062,109	9/11/2013
	4,523,867	5/20/2014

SCHEDULE B

LIST OF PATENTS AND PATENT APPLICATIONS

<b>Filing Location</b>	<b>Title</b>	<b>App. No./Patent No.</b>	<b>Filing Date/Grant Date</b>	<b>Status</b>
U.S.	BREATH ANALYSIS DEVICE	62/018448	June 27, 2014	Expired
U.S.	BREATH ANALYSIS DEVICE	62/149988	April 20, 2015	Expired
U.S.	PHENYL DIAMINE COMPOUNDS AS NOVEL REPORTERS FOR ALDEHYDE DETECTION AND QUANTITATION	62/156441	May 4, 2015	Expired
U.S.	BREATH ANALYSIS SYSTEM	62/296947	Feb 18, 2016	Expired
U.S.	METHODS, SYSTEMS, AND COMPOSITIONS FOR DETECTION OF ALDEHYDES	15/436,103	Feb 17, 2017	Pending
U.S.	BREATH ANALYSIS SYSTEM	14/754534	June 29, 2015	Allowed
U.S.	METHOD AND DEVICE FOR CARBONYL DETECTION AND QUANTITATION	14/754567 9,404,836	June 29, 2015 August 2, 2016	Issued
U.S.	ANALYSIS DEVICE	29/531769 D795723	June 29, 2015 August 29, 2017	Issued
U.S.	BREATH CARTRIDGE	29/531770	June 29, 2015	Allowed
U.S.	BREATH CARTRIDGE AND HANDLE	29/531771 D773,055	June 29, 2015 Nov 29, 2016	Issued



Filing Location	Title	App. No./Patent No.	Filing Date/Grant Date	Status
U.S.	ANALYSIS CARTRIDGE AND METHOD FOR USING SAME	14/754594 9,546,930	June 29, 2015 Jan 17, 2017	Issued
U.S.	BREATH ANALYSIS SYSTEM	14/754608 9,494,495	June 29, 2015 Nov 15, 2016	Issued
U.S.	FLUORESCENCE DETECTION ASSEMBLY	14/754618 9,594,005	June 29, 2015 March 14, 2017	Issued
U.S.	ANALYSIS CARTRIDGE	15/224,251	July 29, 2016	Pending
U.S.	BREATH ANALYSIS SYSTEM	15/351,406	Nov 14, 2016	Pending
U.S.	ANALYSIS CARTRIDGE AND METHOD FOR USING SAME	15/408276	Jan 17, 2017	Pending
U.S.	ALDEHYDE TESTING DEVICE AND METHOD OF USE	62/435,058	Dec 15, 2016	Pending
U.S.	METHODS AND SYSTEMS FOR ALDEHYDE DETECTION	62/539,872	August 1, 2017	Pending
PCT	BREATH ANALYSIS SYSTEM	PCT/US15/38386	June 29, 2015	Inactive
PCT	METHOD AND DEVICE FOR CARBONYL DETECTION AND QUANTITATION	PCT/US15/38389	June 29, 2015	Inactive
PCT	ANALYSIS CARTRIDGE AND METHOD FOR USING SAME	PCT/US15/38391	June 29, 2015	Inactive

Filing Location	Title	App. No./Patent No.	Filing Date/Grant Date	Status
PCT	BREATH ANALYSIS SYSTEM	PCT/US15/38392	June 29, 2015	Inactive
PCT	FLUORESCENCE DETECTION ASSEMBLY	PCT/US15/38394	June 29, 2015	Inactive
PCT	METHODS, SYSTEMS, AND COMPOSITIONS FOR DETECTION OF ALDEHYDES	PCT/US2017/18399	Feb 17, 2017	Pending