

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT4082230

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
TOM WESTBERG	09/01/2016
BRUCE RICHARDSON	09/29/2016
RYAN GRISWOLD	09/07/2016
CHRIS LEWIS	09/27/2016
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	NANOSPHERE, INC.
<b>Street Address:</b>	4088 COMMERCIAL AVENUE
<b>City:</b>	NORTHBROOK
<b>State/Country:</b>	ILLINOIS
<b>Postal Code:</b>	60062
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	14693470
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(512)334-2999
<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>	
<b>Phone:</b>	5123342900
<b>Email:</b>	cblessing@phiplaw.com
<b>Correspondent Name:</b>	PARKER HIGHLANDER, PLLC
<b>Address Line 1:</b>	1120 S. CAPITAL OF TEXAS HIGHWAY
<b>Address Line 2:</b>	BUILDING ONE, SUITE 200
<b>Address Line 4:</b>	AUSTIN, TEXAS 78746
<b>ATTORNEY DOCKET NUMBER:</b>	NSPH.P0002US
<b>NAME OF SUBMITTER:</b>	CHRIS W. SPENCE
<b>SIGNATURE:</b>	/Chris W. Spence/
<b>DATE SIGNED:</b>	10/04/2016
<b>Total Attachments: 6</b>	
source=NSPH_P0002US-InvsToNano#page1.tif	
source=NSPH_P0002US-InvsToNano#page2.tif	

source=NSPH\_P0002US-InvsToNano#page3.tif

source=NSPH\_P0002US-InvsToNano#page4.tif

source=NSPH\_P0002US-InvsToNano#page5.tif

source=NSPH\_P0002US-InvsToNano#page6.tif

**PATENT**

**REEL: 039934 FRAME: 0534**

## ASSIGNMENT

WHEREAS,

**Tom Westberg**  
17820 Pond Ridge Circle  
Gurnee, Illinois 60031

**Bruce Richardson**  
14801 Golf Links Drive  
Los Gatos, California 95032

**Ryan Griswold**  
16 Clifton Avenue, #3  
Los Gatos, California 95030

**Chris Lewis**  
3560 Kimball Way  
Concord CA, 94598

(hereinafter referred to as "Assignor" or collectively as "Assignor") has invented certain new and useful improvements entitled:

### DIAGNOSTIC CARTRIDGES HAVING FLEXIBLE SEALS

(hereinafter referred to as "Invention") for which Invention an application for Letters Patent of the United States of America was filed on April 22, 2015, and assigned Serial No. 14/693,470; and for which the Attorney of record is hereby authorized to insert the serial number and filing date when ascribed.

AND WHEREAS

**Nanosphere, Inc.**  
4088 Commercial Avenue  
Northbrook, IL 60062

(hereinafter referred to as "Assignee") is desirous of acquiring an interest therein and in the Letters Patent obtained therefor;

NOW THEREFORE, be it known by all whom it may concern, that for good and valuable consideration Assignor does hereby sell, assign, and transfer to Assignee, and to its legal representatives, successors, and assigns, its entire right, title, and interest in and to the Invention and to all United States, international, and foreign patent applications any of whose claims cover all or part of the Invention, to any prior or provisional application, including any application from which priority is claimed, together with all

patents resulting from such applications including any continuations, divisions, reissues, re-examinations and extensions thereof and any applications claiming priority therefrom. Assignee shall hold such right, title, and interest as fully and completely as it would have been held by Assignor had this assignment and sale not been made.

Assignor agrees, upon Assignee's request, to execute or assent to such United States, international, and foreign patent applications and to execute all separate assignments and other legal documents that Assignee may find necessary or desirable in its exercise of the right, title, and interest assigned above. Assignor also agrees to communicate to Assignee any facts relating to the Invention or to any of the patent applications or patents contemplated above that may be useful to Assignee and to testify as to such facts in any interferences or in litigation, if requested to do so.

Assignor understands and agrees that the attorneys and agents of Assignee do not personally represent Assignor or Assignor's legal interests, but instead represent the interests of Assignee. Because said attorneys and agents cannot provide legal advice to Assignor with respect to this Assignment, Assignor acknowledges its right to seek its own independent legal counsel.

Assignor hereby requests the Commissioner of Patents to issue to Assignee, as the owner of Assignor's entire right, title, and interest therein, any Letters Patent of the United States that may be issued for the Invention.


Inventor:   
Tom Westberg

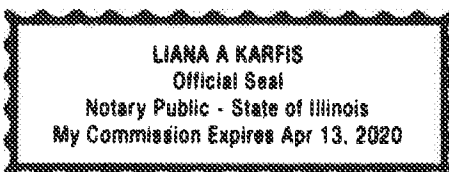
Date: 9/1/16

State of ILLINOIS)  
) ss.  
County of COOK)

On this 1<sup>st</sup> day of September, 2016, before me personally appeared said Tom Westberg, known to me to be the person who executed the above instrument and acknowledged to me that he executed the same for the uses and purposes therein set forth.

SEAL

  
Notary Public  
My Commission Expires: April 13, 2020



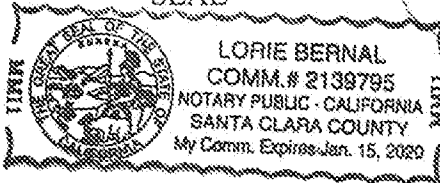
Inventor: Bruce Richardson

Date: 9/29/16

State of CA  
County of Santa Clara ) ss.

On this 1 day of September, 2016, before me personally appeared said Bruce Richardson, known to me to be the person who executed the above instrument and acknowledged to me that he executed the same for the uses and purposes therein set forth.

SEAL



Notary Public  
My Commissioner Expires: 1-15-2020

Inventor: Ryan Griswold

Date: 9/7/16

State of \_\_\_\_\_ )  
County of \_\_\_\_\_ ) ss.

On this \_\_\_\_\_ day of \_\_\_\_\_, 2016, before me personally appeared said Ryan Griswold, known to me to be the person who executed the above instrument and acknowledged to me that he executed the same for the uses and purposes therein set forth.

SEAL

Notary Public  
My Commissioner Expires: \_\_\_\_\_

\*see attached for updated acknowledgment form\*

**CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT**

**CIVIL CODE § 1189**

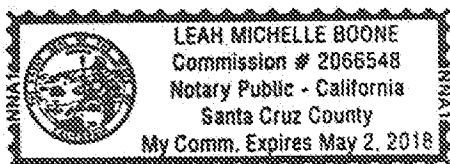
A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

State of California )  
 County of Santa Cruz )  
 On 9/7/2016 before me, Leah Michelle Boone, Notary  
 Date Here Insert Name and Title of the Officer  
 personally appeared Ryan Griswold  
 Name(s) of Signer(s)

who 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.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.



Signature Leah Boone  
 Signature of Notary Public

Place Notary Seal Above

**OPTIONAL**

Though this section is optional, completing this information can deter alteration of the document or fraudulent reattachment of this form to an unintended document.

**Description of Attached Document**

Title or Type of Document: \_\_\_\_\_ Document Date: \_\_\_\_\_  
 Number of Pages: \_\_\_\_\_ Signer(s) Other Than Named Above: \_\_\_\_\_

**Capacity(ies) Claimed by Signer(s)**

Signer's Name: _____	Signer's Name: _____
<input type="checkbox"/> Corporate Officer — Title(s): _____	<input type="checkbox"/> Corporate Officer — Title(s): _____
<input type="checkbox"/> Partner — <input type="checkbox"/> Limited <input type="checkbox"/> General	<input type="checkbox"/> Partner — <input type="checkbox"/> Limited <input type="checkbox"/> General
<input type="checkbox"/> Individual <input type="checkbox"/> Attorney in Fact	<input type="checkbox"/> Individual <input type="checkbox"/> Attorney in Fact
<input type="checkbox"/> Trustee <input type="checkbox"/> Guardian or Conservator	<input type="checkbox"/> Trustee <input type="checkbox"/> Guardian or Conservator
<input type="checkbox"/> Other: _____	<input type="checkbox"/> Other: _____
Signer Is Representing: _____	Signer Is Representing: _____

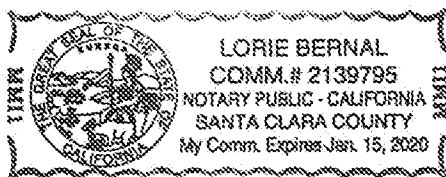
**CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT**

**CIVIL CODE § 1189**

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

State of California )  
 County of Santa Clara )  
 On 9-29-16 before me, Lorie Bernal, Notary  
 Date Here Insert Name and Title of the Officer  
 personally appeared Bruce Richardson  
 Name(s) of Signer(s)

who 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.



I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Signature [Signature]  
 Signature of Notary Public

Place Notary Seal Above

**OPTIONAL**

Though this section is optional, completing this information can deter alteration of the document or fraudulent reattachment of this form to an unintended document.

**Description of Attached Document**

Title or Type of Document: \_\_\_\_\_ Document Date: \_\_\_\_\_  
 Number of Pages: \_\_\_\_\_ Signer(s) Other Than Named Above: \_\_\_\_\_

**Capacity(ies) Claimed by Signer(s)**

Signer's Name: \_\_\_\_\_  
☐ Corporate Officer — Title(s): \_\_\_\_\_  
☐ Partner — ☐ Limited ☐ General  
☐ Individual ☐ Attorney in Fact  
☐ Trustee ☐ Guardian or Conservator  
☐ Other: \_\_\_\_\_  
 Signer Is Representing: \_\_\_\_\_

Signer's Name: \_\_\_\_\_  
☐ Corporate Officer — Title(s): \_\_\_\_\_  
☐ Partner — ☐ Limited ☐ General  
☐ Individual ☐ Attorney in Fact  
☐ Trustee ☐ Guardian or Conservator  
☐ Other: \_\_\_\_\_  
 Signer Is Representing: \_\_\_\_\_

Inventor: Chris Lewis  
Chris Lewis

Date: 9/27/2016

### ACKNOWLEDGMENT

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

State of California  
County of Contra Costa

On September 27, 2016 before me, CARLA RICAFORT  
(insert name and title of the officer)

personally appeared Christopher A. Lewis,  
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.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Signature Carla Ricafort (Seal)

