

<b>PATENT ASSIGNMENT COVER SHEET</b>
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Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT3915713

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
KEVIN D. MOLL	04/20/2016
KURT R. VOGEL	04/20/2016
CHRISTOPHER J. MYATT	04/29/2016
MARIE J. DELANEY	02/25/2016
MICHAEL J. LOCHHEAD	04/20/2016
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	MBIO DIAGNOSTICS, INC.
<b>Street Address:</b>	5603 ARAPAHOE AVENUE
<b>Internal Address:</b>	SUITE 1
<b>City:</b>	BOULDER
<b>State/Country:</b>	COLORADO
<b>Postal Code:</b>	80303
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	14968583
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(720)931-3001
<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>	7209313000
<b>Email:</b>	patent@lathropgage.com
<b>Correspondent Name:</b>	LATHROP & GAGE LLP
<b>Address Line 1:</b>	4845 PEARL EAST CIRCLE
<b>Address Line 2:</b>	SUITE 201
<b>Address Line 4:</b>	BOULDER, COLORADO 80301
<b>ATTORNEY DOCKET NUMBER:</b>	571523
<b>NAME OF SUBMITTER:</b>	DOUGLAS LINK
<b>SIGNATURE:</b>	/Douglas Link/
<b>DATE SIGNED:</b>	06/13/2016

**Total Attachments: 8**

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ASSIGNMENT

WHEREAS, I/WE **Kevin D. Moll** of Boulder, Colorado; **Kurt R. Vogel** of Boulder, Colorado; **Marie J. Delaney** of Boulder, Colorado; **Michael J. Lochhead** of Boulder, Colorado; and **Christopher J. Myatt** of Boulder, Colorado (herein called individually an "ASSIGNOR" and collectively "ASSIGNORS"), in connection with the invention entitled:

**PLANAR WAVEGUIDE BASED CARTRIDGES AND ASSOCIATED METHODS FOR  
DETECTING TARGET ANALYTE**

for which I/WE filed U.S. Patent Application Serial No. 14/968,583 on December 14, 2015, (herein called, the "LISTED APPLICATION");

AND WHEREAS, **MBio Diagnostics, Inc.** (herein called "ASSIGNEE"), an entity with a principal place of business at 5603 Arapahoe Avenue, Suite 1, Boulder, Colorado 80303 is desirous of obtaining my/our entire right, title and interest in, to and under the said invention and the said LISTED APPLICATION;

NOW, THEREFORE, in consideration of my contractual and other legal obligations, and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, I, a said ASSIGNOR, have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said ASSIGNEE, its successors, legal representatives and assigns, my entire right, title and interest in, to and under the invention(s) and discoveries disclosed in the LISTED APPLICATION, and the LISTED APPLICATION and all divisions, renewals, continuations and subsequent applications thereof, and all Patents of the United States which may be granted thereon and all reissues, reexaminations, and extensions thereof; and all applications for industrial property protection, including, without limitation, all applications for patents, utility models, and designs which may hereafter be filed for said invention(s) and discoveries in any country or countries foreign to the United States; together with the right to file such applications and the right to claim for the same the benefit of priority of said inventions, discoveries, and patent applications listed herein, including the LISTED APPLICATION and applications thereof and therefrom under The International Union for the Protection of Industrial Property, or any other international agreement or the domestic laws of the country in which any such application and applications thereof and therefrom is/are filed, as may be applicable; and all forms of industrial property protection, including, without limitation, patents, utility models, inventors' certificates and designs which may be granted for said invention(s) in any country or countries foreign to the United States and all extensions, renewals and reissues thereof; and any and all claims, causes of action, and damages for past, present, and future infringement or other unauthorized use of the above items, along with the right to sue for and to collect damages and other relief;

AND I HEREBY authorize and request the Commissioner of Patents and Trademarks of the United States, and any official of any country or countries foreign to the United States whose duty it is to issue patents or other evidence or forms of industrial property protection on applications as aforesaid, to issue the same to the said ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument;

AND I HEREBY covenant and agree that I have full right to convey the entire interest herein assigned, and that I have not executed, and will not execute, any agreement in conflict herewith;

AND I HEREBY authorize the above-mentioned ASSIGNEE or its legal representative to insert in this instrument the filing date and serial number of said LISTED APPLICATION or any other information that may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office or countries foreign to the United States;

AND I HEREBY further covenant and agree that I will communicate to the said ASSIGNEE, its successors, legal representatives and assigns, any facts known to me respecting said invention(s) and discoveries, and testify in any legal proceeding, sign all lawful papers, execute all continuing and subsequent applications, including divisional, reissue and foreign applications, make all rightful oaths, and generally cooperate and do everything possible to aid the said ASSIGNEE, its successors, legal representatives and assigns, to obtain, maintain, and enforce proper protection for said invention(s) and discoveries in any and all countries;

AND I HEREBY further agree that this Assignment does not create any agency, employment, or partnership relationship between the parties;

AND I HEREBY further agree that this Assignment shall not be construed against any party on the ground that such party was responsible for the preparation of this Assignment, or on any related ground;

AND I HEREBY further agree that should any provision of this Assignment be determined to be void, unenforceable, or against public policy, such provision may altered in time or scope in order to give effect to such provision. If such alteration is not possible, such provision shall be deemed severed from this Assignment and the balance of this Assignment shall remain in full force and effect, so long as the original intent of this Assignment remains substantially intact.

IN TESTIMONY WHEREOF, I hereunto set my hand and seal (if applicable) the day and year set opposite my signature.

[THIS SPACE LEFT BLANK]

ASSIGNOR 1:

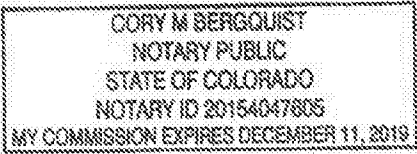
20 Apr 2016  
Date

(Signature) [Handwritten Signature]  
Kevin D. Moll

STATE OF Colorado :  
COUNTY OF Boulder : SS:

On this 20th day of April, 2016, before me personally appeared Kevin D. Moll to me known to be the person described in and who executed the foregoing instrument as his free act and deed.

In witness whereof, I have hereunto set my hand and affixed my notarial seal the day and year last above written.



Cory Bergquist  
Notary Public

My commission expires:  
(SEAL)

04/20/16  
Date

(Signature) [Handwritten Signature]

ASSIGNOR 2:

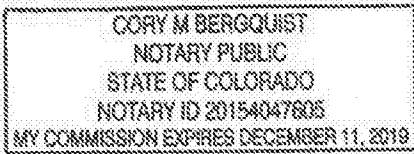
20 APR 2016  
Date


(Signature)   
Kurt R. Vogel

STATE OF Colorado :  
COUNTY OF Boulder : SS:

On this 20 day of April, 2016 before me personally appeared Kurt R. Vogel to me known to be the person described in and who executed the foregoing instrument as her free act and deed.

In witness whereof, I have hereunto set my hand and affixed my notarial seal the day and year last above written.



  
Notary Public

My commission expires:  
(SEAL)

04/20/16  
Date

(Signature) 

ASSIGNOR 3:

2/25/16  
Date

(Signature) *Marie J. Delaney*  
Marie J. Delaney

STATE OF \_\_\_\_\_ ;  
COUNTY OF \_\_\_\_\_ ; SS:

On this 25 day of February, 2016 before me personally appeared Marie J. Delaney to me known to be the person described in and who executed the foregoing instrument as his free act and deed.

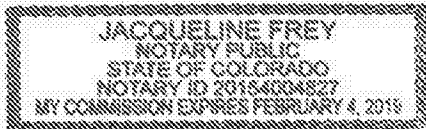
In witness whereof, I have hereunto set my hand and affixed my notarial seal the day and year last above written.

*Jacqueline Frey*  
Notary Public

My commission expires: 2/4/2019  
(SEAL)

2/25/2016  
Date

(Signature) *Marie J. Delaney*



ASSIGNOR 4:

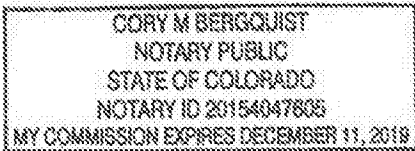
20 APR 2016  
Date

(Signature) *Michael J. Lochhead*  
Michael J. Lochhead

STATE OF \_\_\_\_\_ :  
COUNTY OF \_\_\_\_\_ : SS:

On this 20<sup>th</sup> day of April, 2016 before me personally appeared Michael J. Lochhead to me known to be the person described in and who executed the foregoing instrument as his free act and deed.

In witness whereof, I have hereunto set my hand and affixed my notarial seal the day and year last above written.



*Cory Bergquist*  
Notary Public

My commission expires:  
(SEAL)


04/20/16  
Date

(Signature) *[Signature]*



ASSIGNOR 5:


4/29/2016  
Date

(Signature)   
Christopher J. Myatt

STATE OF \_\_\_\_\_ :  
COUNTY OF \_\_\_\_\_ : SS:

On this 29 day of April, 2016, before me personally appeared Christopher J. Myatt to me known to be the person described in and who executed the foregoing instrument as his free act and deed.

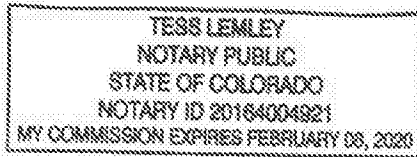
In witness whereof, I have hereunto set my hand and affixed my notarial seal the day and year last above written.

  
Notary Public

My commission expires: 2/8/20  
(SEAL)

4/29/16  
Date

(Signature) 



**ACCEPTED BY ASSIGNEE:**

20 APR 2016  
Date

(Signature) *Michael J. Lockhead*

(print full name) MICHAEL J. LOCKHEAD

(Title) CHIEF TECHNOLOGY OFFICER

STATE OF Colorado :  
COUNTY OF Boulder : SS:

On this 20<sup>th</sup> day of Apr: 1, 2016 before me personally appeared Michael J. Lockhead to me known to be the person described in and who executed the foregoing instrument as his free act and deed.

In witness whereof, I have hereunto set my hand and affixed my notarial seal the day and year last above written.

*Cory Bergquist*  
Notary Public

My commission expires:  
(SEAL)

