

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT3370551

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
STEPHEN LETCHER	09/04/2001
HE CAO	09/14/2001
HAZEM BAQAEN	09/05/2001
A. GARTH RAND	10/19/2001
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	BOARD OF GOVERNORS FOR HIGHER EDUCATION, STATE OF RHODE ISLAND AND PROVIDENCE PLANTATIONS
<b>Street Address:</b>	301 PROMENADE STREET
<b>City:</b>	PROVIDENCE
<b>State/Country:</b>	RHODE ISLAND
<b>Postal Code:</b>	02908
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	10285954
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(617)350-6878
<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>	617-350-6800
<b>Email:</b>	kimberly.mason@gesmer.com
<b>Correspondent Name:</b>	GESMER UPDEGROVE LLP
<b>Address Line 1:</b>	40 BROAD STREET
<b>Address Line 4:</b>	BOSTON, MASSACHUSETTS 02109
<b>ATTORNEY DOCKET NUMBER:</b>	URI.5468DIV
<b>NAME OF SUBMITTER:</b>	WILLIAM E. HILTON
<b>SIGNATURE:</b>	/William E. Hilton/
<b>DATE SIGNED:</b>	05/27/2015
<b>Total Attachments: 7</b>	
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**RECORDATION FORM COVER SHEET  
PATENTS ONLY**

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

**1. Name of conveying party(ies)**

Stephen Letcher, He Cao, Hazem Baqaen, A. Garth Rand

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

**3. Nature of conveyance/Execution Date(s):**

Execution Date(s) \_\_\_\_\_

- ☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Joint Research Agreement  
☐ Government Interest Assignment  
☐ Executive Order 9424, Confirmatory License  
☐ Other \_\_\_\_\_

**2. Name and address of receiving party(ies)**

Name: Board of Governors for Higher Education, State of Rhode Island & Providence Plantations

Internal Address: \_\_\_\_\_

Street Address: 301 Promenade Street

City: Providence

State: Rhode Island

Country: United States Zip: 02908

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

**4. Application or patent number(s):**

☐ This document serves as an Oath/Declaration (37 CFR 1.63).

A. Patent Application No.(s)

10285954

B. Patent No.(s)

6858440

Additional numbers attached? ☐ Yes ☒ No

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

Name: Gesmer Updegrove LLP

Internal Address: \_\_\_\_\_

Street Address: 40 Broad Street

City: Boston

State: Massachusetts Zip: 02109

Phone Number: 617-350-6800

Docket Number: URI.5468DIV

Email Address: kimberly.mason@gesmer.com

**6. Total number of applications and patents involved: 1**

**7. Total fee (37 CFR 1.21(h) & 3.41) \$ 0.00**

- ☒ Authorized to be charged to deposit account  
☐ Enclosed  
☐ None required (government interest not affecting title)

**8. Payment Information**

Deposit Account Number 190079

Authorized User Name William E. Hilton

**9. Signature: /William E. Hilton/**

May 27, 2015

Signature

Date

William E. Hilton

Name of Person Signing

Total number of pages including cover sheet, attachments, and documents:

7

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:  
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

**ASSIGNMENT**

Know all men by these presents that:

WHEREAS we,       Stephen Letcher  
                      67 Stonehenge Road  
                      Kingston, Rhode Island 02881

and               He Cao  
                      1063 Mosser Road, E-102  
                      Breinigsville, Pennsylvania 18031

and               Hazem Baqaen  
                      52 Foxglove Drive  
                      Cranston, Rhode Island 02920

have made an invention for

**TAPERED TUBULAR OPTICAL WAVEGUIDE PROBE  
FOR MAGNETIC FOCUSING IMMUNOSENSORS**

described in the application filed in the United States Patent Office filed on May 17, 2001 under U.S. Pat. Appln. Ser. No. 09/859,685.

WHEREAS The Board of Governors for Higher Education, State of Rhode Island and Providence Plantations having a place of business at 301 Promenade Street, Providence, Rhode Island 02908, for the benefit of itself, its successors and assigns, all inclusively hereinafter referred to as the Assignee, is desirous of acquiring the entire right, title and interest in and to the said invention, the said application, all inventions disclosed in said application and any and all Letters Patent of the United States and of all other countries which may be granted for the said invention or inventions, or any of them;

NOW, THEREFORE, for good and valuable consideration provided by said Assignee, the receipt whereof is hereby acknowledged, we do hereby sell, assign and transfer to the said Assignee the entire right, title and interest in and to the said invention, inventions and application, including all priority rights arising therefrom, all inventions disclosed in said application, and any and all Letters Patent of the United States, and of all other countries, together with the right to apply for such Letters Patent, which may be granted for the said invention, inventions or any of them,

TO HAVE, HOLD AND ENJOY the said invention, the said application, and the said Letters Patent, to said

**The Board of Governors for Higher Education,  
State of Rhode Island and Providence Plantations**

its successors and assigns, to its and their own use and behoof to the full end of the term or terms for which the said Letters Patent may be granted, as fully and entirely as the same would have been held and enjoyed by us had this assignment and sale not been made.

AND we hereby authorize and request the Commissioner of Patents of the United States and the appropriate officers of all foreign patent offices to issue any and all Letters Patent which may be granted on the said application or applications above referred to, or for the said invention, or any of them, to the said Assignee in accordance with the terms of this instrument.

AND we hereby agree to execute and sign without further consideration any other legal document and any other assignments and any divisional, continuing, renewal, reissue or other application in and for all patents that may be appropriate and may be deemed necessary by the Assignee fully to secure to said Assignee its interests as aforesaid in and to the said invention or any part thereof and in and to the said patents or any of them.

AND we further covenant and agree that we will at any time upon request communicate to the said Assignee, its successors, assigns or other legal representatives, any facts known to us relating to the said invention and any patent that may be granted thereon, and will testify as to the same in any interference or litigation when requested to do so.

AND we hereby covenant for ourselves and our legal representatives that we have not hitherto assigned or granted any license to make, use or sell said invention, and that we will not henceforth purport to assign, license or execute any instrument to that effect in conflict with this assignment.

IN WITNESS WHEREOF, we have hereunto set our hands and seals on the dates below.

9/4/01

Date

Stephen V. Letcher

Stephen V. Letcher

                      
Date

                      
He Cao

Sept. 5th, 2001

Date

Hazem S. Baqaen

Hazem Baqaen

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NOW, THEREFORE, for good and valuable consideration provided by said Assignee, the receipt whereof is hereby acknowledged, we do hereby sell, assign and transfer to the said Assignee the entire right, title and interest in and to the said invention, inventions and application, including all priority rights arising therefrom, all inventions disclosed in said application, and any and all Letters Patent of the United States, and of all other countries, together with the right to apply for such Letters Patent, which may be granted for the said invention, inventions or any of them,

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AND we hereby agree to execute and sign without further consideration any other legal document and any other assignments and any divisional, continuing, renewal, reissue or other application in and for all patents that may be appropriate and may be deemed necessary by the Assignee fully to secure to said Assignee its interests as aforesaid in and to the said invention or any part thereof and in and to the said patents or any of them.

AND we further covenant and agree that we will at any time upon request communicate to the said Assignee, its successors, assigns or other legal representatives, any facts known to us relating to the said invention and any patent that may be granted thereon, and will testify as to the same in any interference or litigation when requested to do so.

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\_\_\_\_\_  
Date

\_\_\_\_\_  
Hazem Baqaen

10/19/01  
Date

  
A. Garth Rand