

## PATENT ASSIGNMENT COVER SHEET

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Stylesheet Version v1.2

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
JOYCE Y. WONG	11/28/2016
NELSON RUIZ-OPAZO	11/22/2016
VICTORIA L.M. HERRERA	11/22/2016
RAGNHILD D. WHITAKER	11/29/2016
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	TRUSTEES OF BOSTON UNIVERSITY
<b>Street Address:</b>	ONE SILBER WAY
<b>City:</b>	BOSTON
<b>State/Country:</b>	MASSACHUSETTS
<b>Postal Code:</b>	02215
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	15551743
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	
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<b>Email:</b>	AYAMAKAITIS@NIXONPEABODY.COM, BOSTONPATENT@NIXONPEABODY.COM
<b>Correspondent Name:</b>	TERESA A. PTASHKA
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<b>ATTORNEY DOCKET NUMBER:</b>	701586-071113
<b>NAME OF SUBMITTER:</b>	TERESA A. PTASHKA
<b>SIGNATURE:</b>	/TERESA A. PTASHKA/
<b>DATE SIGNED:</b>	09/26/2019
<b>Total Attachments: 5</b>	
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source=BU20110503\_Assignment\_701586-071113#page5.tif

For: U.S. and Foreign Rights  
By: Multiple Inventors

**ASSIGNMENT OF INVENTION CONTAINED IN PCT APPLICATION  
(MULTIPLE INVENTORS)**

WHEREAS, WE, the said inventors, do hereby acknowledge that, for good and valuable consideration, the receipt of which is hereby acknowledged,

**ASSIGNORS (inventors):**

Name : **Joyce Y. WONG**  
Name : **Nelson RUIZ-OPAZO**  
Name : **Victoria L.M. HERRERA**

hereby sell, assign and transfer to

**ASSIGNEE:**

Name: **TRUSTEES OF BOSTON UNIVERSITY**  
Address: **One Silber Way, Boston, MA 02215**  
Nationality: **US**

and the successors, assigns and legal representatives of the ASSIGNEE the entire right, title and interest and in all foreign countries, including all rights to claim priority in and to any and all improvements which are disclosed in the invention entitled **THERANOSTIC COMPOSITIONS AND USES THEREOF** and which is found in (37 C.F.R. Section 3.21) **PCT Application No. PCT/US2016/018417**, with an **International Filing Date of February 18, 2016**, which claims priority benefit to U.S. Provisional Application No. 62/118,817 filed February 20, 2015, and U.S. Provisional Application No. 62/157,623 filed May 6, 2015, and any legal equivalent thereof in any designated country, including the right to claim priority and, in and to, all Letters Patent to be obtained for said invention by the above application or any continuation, division, renewal, or substitute thereof, and as to letters patent any re-issue or re-examination thereof;

ASSIGNORS hereby covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment;

ASSIGNORS further covenant that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNORS and will testify as to the same in any interference, litigation or proceeding related thereto and will promptly execute and deliver to ASSIGNEE or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof.

The undersigned hereby grant the law firm of Nixon Peabody LLP of 100 Summer Street, Boston, Massachusetts 02110-2131, U.S.A. the power to insert on this Assignment any further identification

which may be necessary or desirable in order to comply with the rules of the U.S. Patent and Trademark Office for recordation of this document.

**ASSIGNORS**

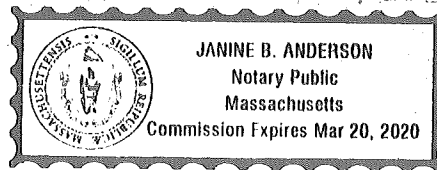
IN TESTIMONY WHEREOF, I, **Joyce Y. WONG**, hereunto set my signature this 28 day of November, 2016.

Joyce Y. Wong  
**Joyce Y. WONG**

STATE OF MASSACHUSETTS  
COUNTY OF SUFFOLK SS:

This 28 day of NOVEMBER, 2016, before me personally came the above-named **Joyce Y. WONG**, to me personally known as the individual who executed the same of his/her own free will for the purposes therein set forth.

Janine B. Anderson  
Notary Public



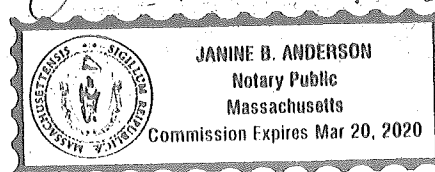
IN TESTIMONY WHEREOF, I, **Nelson RUIZ-OPAZO**, hereunto set my signature this 22 day of NOVEMBER, 2016.

Nelson Ruiz-Opazo  
**Nelson RUIZ-OPAZO**

STATE OF MASSACHUSETTS  
COUNTY OF SUFFOLK SS:

This 22 day of NOVEMBER, 2016, before me personally came the above-named **Nelson RUIZ-OPAZO**, to me personally known as the individual who executed the same of his/her own free will for the purposes therein set forth.

Janine B. Anderson  
Notary Public



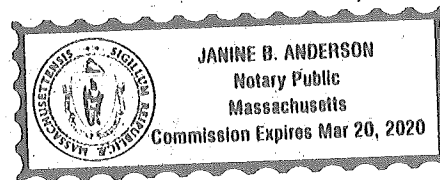
IN TESTIMONY WHEREOF, I, **Victoria L.M. HERRERA**, hereunto set my signature this 22  
day of November, 2016.

Victoria L.M. Herrera  
**Victoria L.M. HERRERA**

STATE OF MASSACHUSETTS  
COUNTY OF SUFFOLK SS:

This 22 day of NOVEMBER, 2016, before me personally came the above-named **Victoria L.M. HERRERA**, to me personally known as the individual who executed the same of his/her own free will for the purposes therein set forth.

Janine B. Anderson  
Notary Public



For: U.S. and Foreign Rights

**ASSIGNMENT OF INVENTION CONTAINED IN PCT APPLICATION  
(MULTIPLE INVENTORS)**

WHEREAS, WE, the said inventors, do hereby acknowledge that, for good and valuable consideration, the receipt of which is hereby acknowledged,

**ASSIGNORS** (inventors):

Name : **Ragnhild D. WHITAKER**

hereby sell, assign and transfer to

**ASSIGNEE:**

Name: **TRUSTEES OF BOSTON UNIVERSITY**

Address: One Silber Way, Boston, MA 02215

Nationality: US

and the successors, assigns and legal representatives of the ASSIGNEE the entire right, title and interest and in all foreign countries, including all rights to claim priority in and to any and all improvements which are disclosed in the invention entitled **THERANOSTIC COMPOSITIONS AND USES THEREOF** and which is found in (37 C.F.R. Section 3.21) **PCT Application No. PCT/US2016/018417**, with an **International Filing Date of February 18, 2016**, which claims priority benefit to U.S. Provisional Application No. 62/118,817 filed February 20, 2015, and U.S. Provisional Application No. 62/157,623 filed May 6, 2015, and any legal equivalent thereof in any designated country, including the right to claim priority and, in and to, all Letters Patent to be obtained for said invention by the above application or any continuation, division, renewal, or substitute thereof, and as to letters patent any re-issue or re-examination thereof;

ASSIGNORS hereby covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment;

ASSIGNORS further covenant that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNORS and will testify as to the same in any interference, litigation or proceeding related thereto and will promptly execute and deliver to ASSIGNEE or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof.

The undersigned hereby grant the law firm of Nixon Peabody LLP of 100 Summer Street, Boston, Massachusetts 02110-2131, U.S.A. the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the U.S. Patent and Trademark Office for recordation of this document.

ASSIGNOR(S)

IN TESTIMONY WHEREOF, I, Ragnhild D. WHITAKER, hereunto set my signature this \_\_\_\_  
day of Nov 29, 2016.

  
Ragnhild D. WHITAKER

Date Nov. 29<sup>th</sup> 2016

Witness Therese Dalsbo

THERESE DALSBØ