

PATENT ASSIGNMENT

Electronic Version v1.1

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| SUBMISSION TYPE: | NEW ASSIGNMENT |
| NATURE OF CONVEYANCE: | ASSIGNMENT |
| CONVEYING PARTY DATA | |
| Name | Execution Date |
| Lawrence J. Wanhg | 06/03/2013 |
| John Rice | 07/01/2013 |
| RECEIVING PARTY DATA | |
| Name: | Brandeis University |
| Street Address: | 415 South Street |
| City: | Waltham |
| State/Country: | MASSACHUSETTS |
| Postal Code: | 02453-2728 |
| PROPERTY NUMBERS Total: 1 | |
| Property Type | Number |
| Application Number: | 13884873 |
| CORRESPONDENCE DATA | |
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| ATTORNEY DOCKET NUMBER: | BRAND-31685/US-2/PCT |
| NAME OF SUBMITTER: | David W. Staple |
| Signature: | /David W. Staple/ |
| Date: | 07/17/2013 |
| Total Attachments: 2 source=31685US2PCT_Assign-Exec#page1.tif source=31685US2PCT_Assign-Exec#page2.tif | |

CH \$40.00 13884873

ASSIGNMENT

WHEREAS, WE, Lawrence J. Wangh and John Rice, hereinafter referred to as "ASSIGNOR," have invented certain new and useful improvements as described and set forth in the below-identified application for United States Letters Patent:

Title of Invention: **COMPOSITIONS, METHODS, AND KITS FOR DETECTING AND IDENTIFYING MYCOBACTERIA**

Filing Date: **10-May-2013** Serial No.: **13/884,873**

WHEREAS, Brandeis University, incorporated in the state of Massachusetts, having a place of business at 415 South Street, Waltham MA 02453-2728, hereinafter referred to as "ASSIGNEE," is desirous of acquiring the entire right, title and interest in said invention and application and in any Letters Patent which may be granted on the same;

NOW THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that, for good and valuable consideration, receipt of which is hereby acknowledged, ASSIGNORS have sold, assigned and transferred, and by these presents do sell, assign and transfer unto said ASSIGNEE, and ASSIGNEE's successors and assigns, all right, title and interest in and to said invention, said application for United States Letters Patent, and any Letters Patent which may hereafter be granted on the same in the United States and all countries throughout the world, including any divisions, renewals, continuations in whole or in part, substitutions, conversions, reissues, or prolongations or extensions thereof, said interest to be held and enjoyed by said ASSIGNEE as fully and exclusively as it would have been held and enjoyed by said ASSIGNORS had this assignment and transfer not been made, to the full extent and term of any Letters Patent.

ASSIGNOR further agrees that ASSIGNOR will, without charge to said ASSIGNEE, but at ASSIGNEE's expense, cooperate with ASSIGNEE in the prosecution of said application and/or applications; execute, verify, acknowledge, and deliver all such further papers, including applications for Letters Patent and for the reissue thereof, and instruments of assignment and transfer thereof; and perform such other acts as ASSIGNEE lawfully may request, to obtain or maintain Letters Patent for said invention and improvement in any and all countries, and to vest title thereto in said ASSIGNEE, or ASSIGNEE's successors and assigns.

IN TESTIMONY WHEREOF, ASSIGNOR has hereunto signed ASSIGNOR's name to this Assignment on the date indicated below.

Lawrence J. Wangh

Date

John Rice
John Rice

07/01/2013
Date

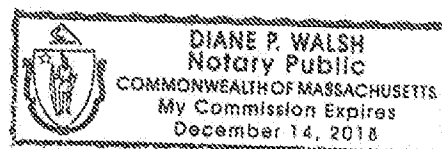
STATE OF MASSACHUSETTS)
COUNTY OF MIDDLESEX) ss.

On this 1 day of July, in the year of 2013, before me, the undersigned Notary Public or Witness, personally appeared the above-named ASSIGNORS, known to me (or proven to me on the basis of satisfactory evidence) to be the persons whose names are subscribed to the within instrument, and acknowledged that they executed the same.

Diane P. Walsh
NOTARY PUBLIC or WITNESS

SEAL

MY COMMISSION EXPIRES: _____



ASSIGNMENT

WHEREAS, WE, Lawrence J. Wangh and John Rice, hereinafter referred to as "ASSIGNOR," have invented certain new and useful improvements as described and set forth in the below-identified application for United States Letters Patent:

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NOW THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that, for good and valuable consideration, receipt of which is hereby acknowledged, ASSIGNORS have sold, assigned and transferred, and by these presents do sell, assign and transfer unto said ASSIGNEE, and ASSIGNEE's successors and assigns, all right, title and interest in and to said invention, said application for United States Letters Patent, and any Letters Patent which may hereafter be granted on the same in the United States and all countries throughout the world, including any divisions, renewals, continuations in whole or in part, substitutions, conversions, reissues, or prolongations or extensions thereof, said interest to be held and enjoyed by said ASSIGNEE as fully and exclusively as it would have been held and enjoyed by said ASSIGNORS had this assignment and transfer not been made, to the full extent and term of any Letters Patent.

ASSIGNOR further agrees that ASSIGNOR will, without charge to said ASSIGNEE, but at ASSIGNEE's expense, cooperate with ASSIGNEE in the prosecution of said application and/or applications; execute, verify, acknowledge, and deliver all such further papers, including applications for Letters Patent and for the reissue thereof, and instruments of assignment and transfer thereof; and perform such other acts as ASSIGNEE lawfully may request, to obtain or maintain Letters Patent for said invention and improvement in any and all countries, and to vest title thereto in said ASSIGNEE, or ASSIGNEE's successors and assigns.

IN TESTIMONY WHEREOF, ASSIGNOR has hereunto signed ASSIGNOR's name to this Assignment on the date indicated below.

Lawrence J. Wangh June 3, 2013
Lawrence J. Wangh Date

John Rice Date

STATE OF MASSACHUSETTS)
COUNTY OF MIDDLESEX) ss.

On this 3rd day of June, in the year of 2013, before me, the undersigned Notary Public or Witness, personally appeared the above-named ASSIGNORS, known to me (or proven to me on the basis of satisfactory evidence) to be the persons whose names are subscribed to the within instrument, and acknowledged that they executed the same.

Diane P. Walsh
NOTARY PUBLIC or WITNESS

SEAL

MY COMMISSION EXPIRES: _____

