

## PATENT ASSIGNMENT COVER SHEET

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 Stylesheet Version v1.2

EPAS ID: PAT6361091

|                              |                |
|------------------------------|----------------|
| <b>SUBMISSION TYPE:</b>      | NEW ASSIGNMENT |
| <b>NATURE OF CONVEYANCE:</b> | ASSIGNMENT     |
| <b>SEQUENCE:</b>             | 1              |

|                             |                       |
|-----------------------------|-----------------------|
| <b>CONVEYING PARTY DATA</b> |                       |
| <b>Name</b>                 | <b>Execution Date</b> |
| LEE M. KAPLAN               | 03/13/2013            |
| ALICE P. LIOU               | 03/27/2013            |
| PETER J. TURNBAUGH          | 03/13/2013            |

|                             |                                                                       |
|-----------------------------|-----------------------------------------------------------------------|
| <b>RECEIVING PARTY DATA</b> |                                                                       |
| <b>Name:</b>                | THE GENERAL HOSPITAL CORPORATION D/B/A MASSACHUSETTS GENERAL HOSPITAL |
| <b>Street Address:</b>      | 55 FRUIT STREET                                                       |
| <b>City:</b>                | BOSTON                                                                |
| <b>State/Country:</b>       | MASSACHUSETTS                                                         |
| <b>Postal Code:</b>         | 02114                                                                 |

|                                  |               |
|----------------------------------|---------------|
| <b>PROPERTY NUMBERS Total: 7</b> |               |
| <b>Property Type</b>             | <b>Number</b> |
| Application Number:              | 16670659      |
| Application Number:              | 16670685      |
| Application Number:              | 16670695      |
| Application Number:              | 16670705      |
| Application Number:              | 16830801      |
| Application Number:              | 16830881      |
| Patent Number:                   | 10729732      |

|                                                                                                                                                                                                 |                                            |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------|
| <b>CORRESPONDENCE DATA</b>                                                                                                                                                                      |                                            |
| <b>Fax Number:</b>                                                                                                                                                                              | (617)542-2241                              |
| <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) 348-3046                             |
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| <b>Correspondent Name:</b>                                                                                                                                                                      | MINTZ LEVIN                                |
| <b>Address Line 1:</b>                                                                                                                                                                          | ONE FINANCIAL CENTER                       |
| <b>Address Line 4:</b>                                                                                                                                                                          | BOSTON, MASSACHUSETTS 02111                |

|                                |                          |
|--------------------------------|--------------------------|
| <b>ATTORNEY DOCKET NUMBER:</b> | 047364-114C03-07; D02-03 |
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|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------|
| <b>NAME OF SUBMITTER:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | KATHERINE C. JENSEN, PH.D. |
| <b>SIGNATURE:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | /Katherine C. Jensen/      |
| <b>DATE SIGNED:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 10/21/2020                 |
| <b>Total Attachments: 6</b><br>source=Assignment-Inventors to The General Hospital dba Massachusetts General Hospital#page1.tif<br>source=Assignment-Inventors to The General Hospital dba Massachusetts General Hospital#page2.tif<br>source=Assignment-Inventors to The General Hospital dba Massachusetts General Hospital#page3.tif<br>source=Assignment-Inventors to The General Hospital dba Massachusetts General Hospital#page4.tif<br>source=Assignment-Inventors to The General Hospital dba Massachusetts General Hospital#page5.tif<br>source=Assignment-Inventors to The General Hospital dba Massachusetts General Hospital#page6.tif |                            |

**ASSIGNMENT BY INVENTORS**

THIS ASSIGNMENT, made this 1<sup>st</sup> day of April, 2013, by  
Lee M. Kaplan; Alice P. Liou; and Peter J. Turnbaugh (hereinafter referred to as Assignors),  
residing at 30 Bancroft Road, Wellesley, Massachusetts 02481; 31 Soley St #1, Charlestown,  
Massachusetts 02129; and 2 Fairlee St, Apt 2, Somerville, Massachusetts 02144, respectively;

**WHEREAS**, Assignors have invented certain new and useful improvements in  
COMPOSITIONS OF MICROBIOTA AND METHODS RELATED THERETO, set forth in a  
Patent application for Letters Patent of the United States, already filed on February 28, 2013 as  
U.S. Application No. 13/780,284; and

**WHEREAS**, THE GENERAL HOSPITAL CORPORATION d/b/a  
MASSACHUSETTS GENERAL HOSPITAL, a non-profit organization organized under and  
pursuant to the laws of United States of America having its principal place of business at 55  
Fruit Street, Boston, Massachusetts 02114 (hereinafter referred to as Assignee), is desirous of  
acquiring the entire right, title and interest in and to said inventions and said Application for  
Letters Patent of the United States, and in and to any Letters Patent of the United States to be  
obtained therefore and thereon.

**NOW, THEREFORE**, in consideration of One Dollar (\$1.00) and other good and  
sufficient consideration, the receipt of which is hereby acknowledged, Assignors have sold,  
assigned, transferred and set over, and by these presents do sell, assign, transfer and set over,  
unto Assignee, its successors, legal representatives and assigns, the entire right, title and  
interest in and to the above-mentioned inventions and application for Letters Patent, and in and  
to any and all direct and indirect divisions, continuations and continuations-in-part of said  
application, and any and all Letters Patent in the United States and all foreign countries which  
may be granted therefore and thereon, and reissues, reexaminations and extensions of said  
Letters Patent, and all rights under the International Convention for the Protection of Industrial  
Property, the same to be held and enjoyed by Assignee, for its own use and benefit and the use  
and benefit of its successors, legal representatives and assigns, to the full end of the term or  
terms for which Letters Patent may be granted and/or extended, as fully and entirely as the

same would have been held and enjoyed by Assignors, had this sale and assignment not been made.

**AND** for the same consideration, Assignors hereby represent and warrant to Assignee, its successors, legal representatives and assigns, that, at the time of execution and delivery of these presents, except for any rights, titles and/or interests that have arisen to Assignee under law or that have already been transferred to Assignee, Assignors are the sole and lawful owners of the entire right, title and interest in and to the said inventions and application for Letters Patent above-mentioned, and that the same are unencumbered and that Assignors have good and full right and lawful authority to sell and convey the same in the manner herein set forth.

**AND** for the same consideration, Assignors hereby covenant and agree to and with Assignee, its successors, legal representatives and assigns, that Assignors will sign all papers and documents, take all lawful oaths and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of any Letters Patent and applications for Letters Patent for said inventions, without charge to Assignee, its successors, legal representatives and assigns, whenever counsel of Assignee, or counsel of its successors, legal representatives and assigns, shall advise: that any proceeding in connection with said inventions, or said Patent application for Letters Patent, or any proceeding in connection with any Letters Patent or applications for Letters Patent for said inventions in any country, including but not limited to interference proceedings, is lawful and desirable; or, that any division, continuation or continuation-in-part of any application for Letters Patent, or any reissue, reexamination or extension of any Letters Patent, to be obtained thereon, is lawful and desirable.

**AND** Assignors hereby request the Commissioner for Patents and Trademarks to issue said Letters Patent of the United States to Assignee, as Assignee of said inventions and the Letters Patent to be issued thereon, for the sole use and benefit of Assignee, its successors, legal representatives and assigns.

**AND** Assignors hereby grant the following individuals 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 United States Patent and Trademark Office for recordation of this document:

NUTTER MCCLENNEN & FISH LLP

All practitioners at Customer Number 21125

**AND** Assignors acknowledge an obligation of assignment of this invention to Assignee at the time the invention was made.

Lee M. Kaplan  
Lee M. Kaplan

Date: 3/13/2013

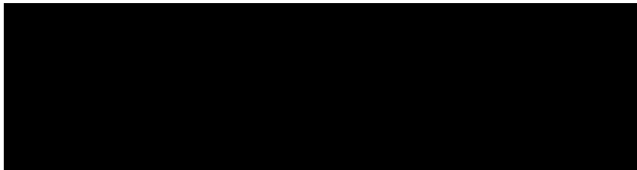
On this 13<sup>th</sup> day of March, 2013 before me, the undersigned notary public, personally appeared Lee M. Kaplan (name of document signer), proved to me through satisfactory evidence of identification, which were Massachusetts Driver's License to be the person whose name is signed on the preceding or attached document, and Acknowledged to me that (he)(she) signed it voluntarily for its stated purpose.

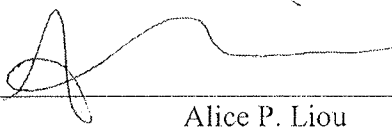
(as partner for \_\_\_\_\_, a partnership)  
(as \_\_\_\_\_ for \_\_\_\_\_, a corporation)  
(as attorney in fact for \_\_\_\_\_, the principal)  
(as \_\_\_\_\_ for \_\_\_\_\_, (a)(the) \_\_\_\_\_ )

Virginia A. Vandenburg (official signature and seal of notary)



VIRGINIA A. VANDENBURG  
Notary Public, State of Ohio  
My Commission Expires  
December 15, 2013

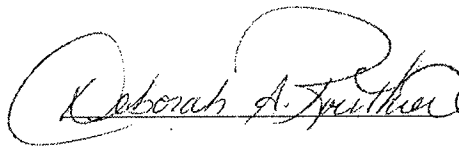


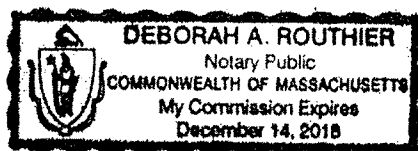
  
\_\_\_\_\_  
Alice P. Liou

Date: 3/27/2013

On this 27<sup>th</sup> day of March, 2013 before me, the undersigned notary public, personally appeared Alice P. Liou (name of document signer), proved to me through satisfactory evidence of identification, which were CA Driver License, to be the person whose name is signed on the preceding or attached document, and Acknowledged to me that (he)(she) signed it voluntarily for its stated purpose.

(as partner for \_\_\_\_\_, a partnership)  
(as \_\_\_\_\_ for \_\_\_\_\_, a corporation)  
(as attorney in fact for \_\_\_\_\_, the principal)  
(as \_\_\_\_\_ for \_\_\_\_\_, (a)(the) \_\_\_\_\_ )

 (official signature and seal of notary)



Peter Turnbaugh

Peter J. Turnbaugh

Date: 3/13/2013

On this 13 day of March, 2013 before me, the undersigned notary public, personally appeared Peter J. Turnbaugh (name of document signer), proved to me through satisfactory evidence of identification, which were MA license, to be the person whose name is signed on the preceding or attached document, and Acknowledged to me that (he)(she) signed it voluntarily for its stated purpose.

(as partner for \_\_\_\_\_, a partnership)  
(as \_\_\_\_\_ for \_\_\_\_\_, a corporation)  
(as attorney in fact for \_\_\_\_\_, the principal)  
(as \_\_\_\_\_ for \_\_\_\_\_, (a)(the) \_\_\_\_\_)

Linda J. Kefalas (official signature and seal of notary)  
2180617.1

