

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT3683870

SUBMISSION TYPE:	NEW ASSIGNMENT								
NATURE OF CONVEYANCE:	ASSIGNMENT								
SEQUENCE:	1								
CONVEYING PARTY DATA									
	<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>LEE M. KAPLAN</td> <td>03/13/2013</td> </tr> <tr> <td>ALICE P. LIOU</td> <td>03/27/2013</td> </tr> <tr> <td>PETER J. TURNBAUGH</td> <td>03/13/2013</td> </tr> </tbody> </table>	Name	Execution Date	LEE M. KAPLAN	03/13/2013	ALICE P. LIOU	03/27/2013	PETER J. TURNBAUGH	03/13/2013
Name	Execution Date								
LEE M. KAPLAN	03/13/2013								
ALICE P. LIOU	03/27/2013								
PETER J. TURNBAUGH	03/13/2013								
RECEIVING PARTY DATA									
Name:	THE GENERAL HOSPITAL CORPORATION D/B/A MASSACHUSETTS GENERAL HOSPITAL								
Street Address:	55 FRUIT STREET								
City:	BOSTON								
State/Country:	MASSACHUSETTS								
Postal Code:	02114								
PROPERTY NUMBERS Total: 1									
	<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>14862663</td> </tr> </tbody> </table>	Property Type	Number	Application Number:	14862663				
Property Type	Number								
Application Number:	14862663								
CORRESPONDENCE DATA									
Fax Number:	(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>									
Phone:	(617) 542-6000								
Email:	jfoley@mintz.com								
Correspondent Name:	MINTZ LEVIN								
Address Line 1:	ONE FINANCIAL CENTER								
Address Line 4:	BOSTON, MASSACHUSETTS 02111								
ATTORNEY DOCKET NUMBER:	47364-114D01US								
NAME OF SUBMITTER:	SHOVON ASHRAF								
SIGNATURE:	/Shovon Ashraf/								
DATE SIGNED:	01/06/2016								
Total Attachments: 6									
source=Inventors to MGH#page1.tif									
source=Inventors to MGH#page2.tif									

source=Inventors to MGH#page3.tif

source=Inventors to MGH#page4.tif

source=Inventors to MGH#page5.tif

source=Inventors to MGH#page6.tif

ASSIGNMENT BY INVENTORS

THIS ASSIGNMENT, made this 1st 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

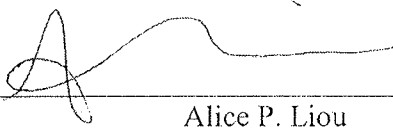
On this 13th day of March, 2013 before me, the undersigned notary public, personally appeared Lee M. Kaplan (name of document signer), proved to me through satisfactory evidence of identification, which were Massachusetts Driver's License to be the person whose name is signed on the preceding or attached 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



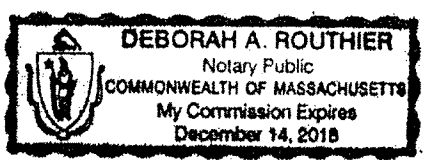
Alice P. Liou

Date: 3/27/2013

On this 27th 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

