

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT												
NATURE OF CONVEYANCE:	ASSIGNMENT												
CONVEYING PARTY DATA													
<table border="1"> <tr> <th>Name</th> <th>Execution Date</th> </tr> <tr> <td>ADAM RATNER</td> <td>08/01/2013</td> </tr> <tr> <td>SAUL HYMES</td> <td>08/11/2013</td> </tr> </table>		Name	Execution Date	ADAM RATNER	08/01/2013	SAUL HYMES	08/11/2013						
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CORRESPONDENCE DATA													
Fax Number: Email: empllc@evansmolinelli.com <i>Correspondence will be sent via US Mail when the email attempt is unsuccessful.</i> Correspondent Name: EVANS & MOLINELLI PLLC Address Line 1: P.O. BOX 231 Address Line 4: MANASSAS, VIRGINIA 20108													
ATTORNEY DOCKET NUMBER:	P4773US01												
NAME OF SUBMITTER:	JUDITH EVANS												
Signature:	/Judith Evans, 38874/												

OP \$120.00 13982675

Date:

10/28/2013

Total Attachments: 2

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ASSIGNMENT OF PATENT APPLICATION

FOR GOOD AND VALUABLE CONSIDERATION, receipt of which is hereby expressly acknowledged, we, the undersigned (each) have agreed and hereby agree to assign, and do hereby sell, assign and transfer unto

The Trustees of Columbia University in the City of New York

having its principal place of business at 412 Low Memorial Library, 535 West 116th Street, New York, NY 10027, a corporation organized under the laws of the state of New York as Assignee, and its successors, assigns and legal representatives, the entire right, title and interest, for all countries in and to certain inventions relating to

Treatment and Prevention of Bacterial Vaginosis and Gardnerella Vaginalis Infections

described in an application for Letters Patent of the United States filed on 7/30/2013 as National Stage entry Application Serial No. 13/982,675; and on 1/30/2012 as PCT Application Number PCT/US12/23185; and on 1/31/2011 as Application Serial No. 61/438231; identified as attorney docket nos. P4773US01, P4773PC00, and P4773US00, respectively, at Evans & Molinelli PLLC, 9215 Prescott Ave., Manassas, Virginia 20110; and the invention(s) and improvement(s) set forth therein, and any and all continuations, continuations-in-part, divisionals, international applications, renewals of and substitutes for said applications for Letters Patent, and all the rights and privileges under any and all Letters Patent that may be granted therefor in any country, and any reissues, or re-examinations, or extensions of said Letters Patent. We request that any and all Letters Patent for said inventions be issued to said Assignee, its successors, assigns and legal representatives, or to such nominees as it may designate.

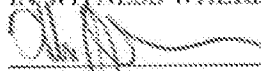
We agree that, when requested, we will, without charge to said Assignee but at its expense, sign all papers, take all rightful oaths, and do all acts which may be necessary, desirable or convenient for securing and maintaining patents for said inventions in any and all countries and for vesting title thereto in said Assignee, its successors, assigns and legal representatives or nominees.

We authorize and empower the said Assignee, its successors, assigns and legal representatives or nominees, to invoke and claim for any application for patent or other form of protection for said inventions filed by it or them, the benefit of the right of priority provided by the International Convention for the Protection of Industrial Property, as amended, or by any convention which may henceforth be substituted for it, and to invoke and claim such right of priority without further written or oral authorization from us.

We hereby consent that a copy of this assignment shall be deemed a full legal and formal equivalent of any assignment, consent to file or like document which may be required in any country for any purpose and more particularly in proof of the right of the said Assignee or nominee to claim the aforesaid benefit of the right of priority provided by the International convention which may henceforth be substituted for it.

We covenant with the Assignee, its successors, assigns and legal representatives, that the rights and property herein conveyed are free and clear of encumbrance, and that we have full right to convey the same as herein expressed.

IN WITNESS WHEREOF, we have hereunto signed our names on the day and year set forth below.


Inventor's Signature

8/1/2013
DATE

Adam J. Ratner
Inventor's Printed Name


Witness Signature

8/1/13
DATE

Alice Prince
Witness Printed Name

Attorney Docket No. P4773US01(IR2832)

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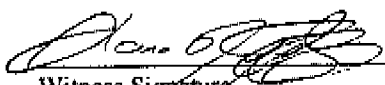
Inventor's Signature

8/11/13

DATE

Saul Hymes, MD

Inventor's Printed Name



Witness Signature

8/11/13

DATE

Dana Harwayne-Grodd

Witness Printed Name