505177994 11/06/2018

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
BARBARA L. EATON	11/01/2017
DAMON K. GETMAN	11/01/2017
TRACI PAWLOWSKI	11/05/2017

RECEIVING PARTY DATA

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Postal Code:	92121	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15557912

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ATTORNEY DOCKET NUMBER: DIA.0002.05

NAME OF SUBMITTER: JEFFREY E. LANDES

SIGNATURE: /Jeffrey E. Landes/
DATE SIGNED: 11/06/2018

Total Attachments: 3

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PATENT 505177994 REEL: 047426 FRAME: 0017

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PATENT REEL: 047426 FRAME: 0018

ASSIGNMENT - WORLDWIDE

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, each undersigned inventor has sold and assigned, and by these presents hereby sells and assigns, unto

Gen-Probe Incorporated 10210 Genetic Center Drive San Diego, CA 92121

its successors and assigns, the entire right, title and interest, so far as concerns the United States and the Territories and Possessions thereof and all foreign countries in and to the invention in

""METHODS AND COMPOSITIONS FOR DETECTING BACTERIAL NUCLEIC ACID AND DIAGNOSING BACTERIAL VAGINOSIS""

	× × × × × × × × × × × × × × × × × × ×
	executed concurrently herewith
	executed on
[BB]	Application No. 62/168,688 filed May 29, 2015

as set forth in Patent Application(s)

said application(s), including all divisional, renewal, substitute, continuation, nonprovisionals, continuation-in-parts, and Convention applications based in whole or in part upon said inventions or upon said applications, and any and all Letters Patents and reissues, reexaminations, and extensions of Letters Patents granted for said inventions or upon said applications and every priority right that is or may be predicated upon or arise from said inventions, said applications, and said Letters Patents; said Assignee being hereby authorized to file patent applications in any or all countries on any or all said inventions in the name of the undersigned or in the name of said Assignee or otherwise as said Assignee may deem advisable, under the International Convention or otherwise; the Commissioner of Patents and Trademarks of the United States of America being hereby authorized to issue or transfer all said Letters Patents to said Assignee in accordance herewith; this assignment being under covenant, not only that full power to make the same is had by the undersigned, but also that such assigned right is not encumbered by any grant, license, or other right theretofore given, and that the undersigned will do all acts reasonably serving to ensure that the said inventions, patent applications and Letters Patents shall be held and enjoyed by said Assignee as fully and entirely as the same could have been held and enjoyed by the undersigned if this assignment had not been made, and particularly to execute and deliver to said Assignee all lawful documents including petitions, specifications, oaths, assignments, invention disclaimers, declarations, and lawful affidavits in form and substance which may be requested by said Assignee, to furnish said Assignee with all facts relating to said inventions or the history thereof and any and all documents, photographs, models, samples or other physical exhibits which may embody said inventions, and to testify in any proceedings relating to said inventions, patent applications, and/or Letters Patents.

The undersigned hereby grant(s) an authorized representative of Assignee the power to insert in this Assignment any further identification that may be necessary or desirable to comply with the rules of the U.S. Patent and Trademark Office for recordation of this Assignment.

PATENT REEL: 047426 FRAME: 0019 In witness thereof, the inventors and assignee have set their hands on the dates indicated.

Date	Barbara Lynn Eaton
Date	Damon Kittredge Getman
11/5/17 Date	Traci Pawlowski
Date	Gen-Probe Incorporated By <u>Charles B. Cappellari</u> Position Associate Vice President Chief Intellectual Property Counsel

In witness thereof, the ir	wentors and assignee have set their hands on the dates indicated.
11/01/2017	BZ
Date	Barbara Lynn Eaton
11/1/2017	Dank Chin
Daté '	Damon Kittredge Getman
Date	Tradi Pawlowski
	Chale D. Carly
Date	Gen-Probe Incorporated/
	By <u>Charles B. Cappellari</u>
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	Chief Intellectual Property Counsel