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PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
MINH MINDY BAO NGUYEN	08/25/2020
JOSE S. GIL	08/26/2020
STEPHEN ERICKSON	08/26/2020
DWIGHT L. ANDERSON	08/26/2020
JESSICA STACH	08/26/2020

RECEIVING PARTY DATA

Name:	LABORATORY CORPORATION OF AMERICA HOLDINGS
Street Address:	358 SOUTH MAIN STREET
City:	BURLINGTON
State/Country:	NORTH CAROLINA
Postal Code:	27215

PROPERTY NUMBERS Total: 2

Property Type	Number
Application Number:	16247490
PCT Number:	US1913541

CORRESPONDENCE DATA

Fax Number: (336)607-7500

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.

Phone: 3366077300

Email: catanderson@kilpatricktownsend.com

Correspondent Name: ALLISON W. DOBSON

Address Line 1: 1001 WEST FOURTH STREET

Address Line 4: WINSTON-SALEM, NORTH CAROLINA 27101

ATTORNEY DOCKET NUMBER:	057618-1115852
NAME OF SUBMITTER:	CATHERINE A. ANDERSON
SIGNATURE:	/Catherine A. Anderson/
DATE SIGNED:	03/10/2021

Total Attachments: 8

PATENT REEL: 055551 FRAME: 0379

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PATENT REEL: 055551 FRAME: 0380

ASSIGNMENT OF PATENT APPLICATION

This assignment is made and entered into by and between the following person(s),

Minh Mindy Bao Nguyen, Shoreview, MN, USA Jose S. Gil, Winnetka, CA, USA Stephen Erickson, White Bear Township, MN, USA Dwight L. Anderson, Minneapolis, MN, USA Jessica Stach, St. Paul, MN, USA (Assignors),

and

Laboratory Corporation of America Holdings, a corporation of the State of North Carolina, having its principal place of business at 358 South Main Street, Burlington, NC 27215, (Assignee).

For good and valuable consideration, the receipt of which is hereby acknowledged, I/we, the undersigned Assignor(s), do hereby sell, assign, and transfer, and have sold, assigned and transferred to the Assignee, and the Assignee's successors and assigns, all right, title, and interest for all countries in and to the United States patent application entitled

METHODS AND SYSTEMS FOR THE RAPID DETECTION OF CRONOBACTER USING INFECTIOUS AGENTS

identified as United States Patent Application No. 16/247,490, filed January 14, 2019, and International Patent Application No. PCT/US2019/13541, filed January 14, 2019 ("the Application"), and in and to any and all inventions disclosed in the Application ("the Invention") and all provisional and/or nonprovisional applications for United States Patent, including divisional, continuing, substitute, renewal, and reissue thereof, and all other applications for United States Letters Patent and/or Patent(s) and/or other related property rights in any and all foreign countries which have been or shall be filed on one or more of the Inventions, and in and to all original and reissued patents or related foreign documents that have been or shall be issued on one or more of the Inventions.

I/we, the Assignor(s), in accordance with this assignment, authorize and request the Commissioner for Patents of the United States to issue to the Assignee or the Assignee's successors and assigns, in accordance with this assignment, any and all United States Letters Patents that claim or disclose one or more of the Inventions.

I/we, the Assignor(s), further agree, for good and valuable consideration, the receipt of which is hereby acknowledged, that the Assignee or the Assignee's successors and assigns may apply for and receive foreign Letters Patents or similar such rights and, in doing so, may make a claim of priority to the Application under the provisions of any bilateral or multilateral treaty or international agreement, including but not limited to, the International Convention of 1883 and later modifications thereof ("the Paris Convention"), the Patent Cooperation Treaty, the European Patent Convention, the Eurasian Patent Convention, the agreement(s) of the African Regional Intellectual Property Organization, the agreement(s) of the Organisation Africaine de la Propriete Intellectuelle, and the agreement(s) of the Cooperation Council for the Arab States of the Gulf; and that, when requested, without charge to the Assignee or the Assignee's successors and assigns, to carry out in good faith the intent and purpose of this assignment, the

Assignment of Patent Application
United States Patent Application No. 16/247,490

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Assignor(s), or their executors or administrators, will, for the United States and any and all foreign countries: (i) execute any and all documents related to any application for patent in the United States or a foreign country, where such application discloses one or more of the Inventions; (ii) execute any and all oaths, declarations, assignments, confirmatory assignments, powers of attorney and other papers concerning one or more of the Inventions and any and all patent applications thereon, whether in the United States or a foreign country; (iii) perform other such acts, at the request of the Assignee or the Assignee's successors and assigns, to obtain or maintain any and all patents or related property rights in the United States or any foreign country on one or more of the Inventions or any improvements thereto and to vest title thereto in the Assignee or the Assignee's successors and assigns and (iv) allow, should circumstances require, the Assignee or the Assignee's successors and assigns to execute any document under (i), (ii) and/or (iii) on my/our behalf.

In addition, I/we, the Assignor(s), further agree, for good and valuable consideration, the receipt of which is hereby acknowledged, to the extent not encompassed by the foregoing do hereby assign all rights to enforce and/or litigate any and all patents or related property rights in the United States or foreign country on one or more of the Inventions or any improvements thereto, including the rights to participate in any interference proceeding, derivation proceeding, post grant oppositions and/or reviews, re-examinations, reissues and/or inter parte or ex part reviews relating thereto and the right to seek past damages.

Further, I/we the Assignor(s) hereby agree, for good and valuable consideration, the receipt of which is hereby acknowledged, not to challenge the validity of, or take any position adverse to my statements under oath relating to, the Invention(s) in any proceeding, including litigation in a United States or foreign court and/or interference proceeding, derivation proceeding, post grant opposition and/or reviews, re-examinations, re-issues and/or inter parte or ex part reviews relating thereto in the United States and/or any foreign countries.

In testimony whereof, I/we, the Assignor(s), have signed our names below on the date indicated. By such signature, we, the Assignors, acknowledge that we are of sound mind and health, that we have read and understood all terms recited above, and that we are signing this of our own free will for the purposes stated herein.

SIGNATURES ARE ON THE FOLLOWING PAGES

(Remainder of page intentionally left blank)

Assignor accepts the terms and conditions of the assignment:

Minh Mindy Bao Nguyer

SIGNATURE WITNESSED BY

Signature of Witness

<u>08-25-2020</u> Date Witnessed

SIGNATURE WITNESSED BY

John Raulson Name of Witness (Printed)

<u>09-25-2020</u> Date Witnessed

Assignor accepts the terms and conditions of the assignment:

José S. Gil

8-26-20-20

Date

SIGNATURE WITNESSED BY

Francis P. Tallo Name of Witness (Printed)

Signature of Witness

8/24/2020

Date Witnessed

SIGNATURE WITNESSED BY

Robalte Meyra
Name of Witness (Printed)

ignature of Witness

8.26.20

Date Witnessed

Assignor accepts the terms and conditions of the assignment:

SIGNATURE WITNESSED BY

<u>08 - 26 - 2020</u> Date Witnessed

SIGNATURE WITNESSED BY

Signature of Witness

08-26-2020

Date Witnessed

Assignor accepts the terms and conditions of the assignment:

Jessica Stach Jessica Stach

08-26-2020

Date

SIGNATURE WITNESSED BY

Chris Stach

Name of Witness (Printed)

Chris Stach

Signature of Witness

08-26-2020

Date Witnessed

SIGNATURE WITNESSED BY

Nickolas Enickson-Concina Name of Witness (Printed) Signature of Witness

8-26-2020

Date Witnessed

Assignee accepts the terms and conditions of the assignment:

Laboratory Corporation of America Holdings

Name: Kathry 1 V. Kyle

Title: Senior Vice President and Assistant Secretary

Date: March 8, 2021

