

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
MATTHEW LEE FRANCIS CRAWFORD	03/09/2016
YVONNE ZAMORANO WRIGHT	03/09/2016
RUSSELL PHILIP GRANT	03/09/2016
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: 3	
Property Type	Number
Application Number:	15059957
PCT Number:	US1620660
Application Number:	62127590
CORRESPONDENCE DATA	
Fax Number:	(336)607-7500
<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:	3366077300
Email:	rprevette@kilpatricktownsend.com
Correspondent Name:	CHARLES W. CALKINS, KILPATRICK
Address Line 1:	1001 W. FOURTH STREET
Address Line 4:	WINSTON-SALEM, NORTH CAROLINA 27101-2400
ATTORNEY DOCKET NUMBER:	057618-1001724; 1001725
NAME OF SUBMITTER:	RENEE S. PREVETTE
SIGNATURE:	/Renee S. Prevette/
DATE SIGNED:	03/09/2016
Total Attachments: 5	
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ASSIGNMENT OF PATENT APPLICATION

For good and valuable consideration, the receipt of which is hereby acknowledged, we, the undersigned,

Matthew Lee Francis Crawford of 817 Blue Lake Drive, Mebane, NC 27302
Yvonne Zamorano Wright of 940 Huffman Lane, Burlington, NC 27215
Russell Philip Grant of 201 Gardner Circle, Chapel Hill, NC 27516

("the Inventors" or "the Assignors") do hereby sell, assign, and transfer to 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 ("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 MEASURING SEROTONIN IN A SAMPLE

identified as United States Patent Application No. 62/127,590, filed March 3, 2015, United States Patent Application No. 15/059,957, filed March 3, 2016, and International Patent Application No. PCT/US2016/20660, filed March 3, 2016 ("the Application"), and in and to any and all inventions disclosed in the Application ("the Invention") and all nonprovisional applications for United States Patent, including divisional, continuing, substitute, renewal, and reissue thereof, and all other applications for United States Letters Patent 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.

We, the Assignors, 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.

We, the Assignors, 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 Inventors, 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; and (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.

In testimony whereof, we, the Assignors, 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)

Matthew Lee Francis Crawford
Matthew Lee Francis Crawford
3/9/2016
Date

SIGNATURE WITNESSED BY

Russell Grant
Name of Witness (Printed)

[Signature]
Signature of Witness
3/9/2016
Date Witnessed

SIGNATURE WITNESSED BY

Christopher Shuford
Name of Witness (Printed)

[Signature]
Signature of Witness
3/9/2016
Date Witnessed



Yvonne Zamorano Wright

3/9/16

Date

SIGNATURE WITNESSED BY

RUSSELL GRANT

Name of Witness (Printed)



Signature of Witness

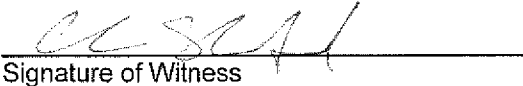
3/9/2016

Date Witnessed

SIGNATURE WITNESSED BY

Christopher Shuford

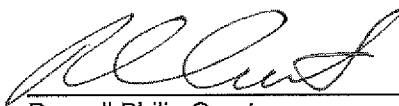
Name of Witness (Printed)



Signature of Witness

3/9/2016

Date Witnessed



Russell Philip Grant

3/9/2016

Date

SIGNATURE WITNESSED BY

Christopher Shuford

Name of Witness (Printed)



Signature of Witness

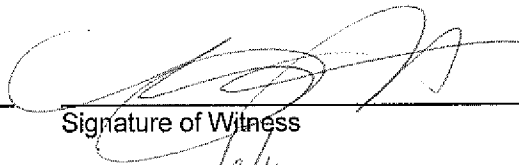
3/9/2016

Date Witnessed

SIGNATURE WITNESSED BY

Yvonne Z. Wright

Name of Witness (Printed)



Signature of Witness

3/9/16

Date Witnessed