

## PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT5088759

|                                                                                                                                                                                                 |                                            |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------|
| <b>SUBMISSION TYPE:</b>                                                                                                                                                                         | NEW ASSIGNMENT                             |
| <b>NATURE OF CONVEYANCE:</b>                                                                                                                                                                    | ASSIGNMENT                                 |
| <b>CONVEYING PARTY DATA</b>                                                                                                                                                                     |                                            |
| <b>Name</b>                                                                                                                                                                                     | <b>Execution Date</b>                      |
| GOVIND RAO                                                                                                                                                                                      | 07/17/2018                                 |
| YORDAN KOSTOV                                                                                                                                                                                   | 07/12/2018                                 |
| MUSTAFA AL-ADHAMI                                                                                                                                                                               | 07/12/2018                                 |
| CHANDRASEKHAR GURRAMKONDA                                                                                                                                                                       | 07/19/2018                                 |
| <b>RECEIVING PARTY DATA</b>                                                                                                                                                                     |                                            |
| <b>Name:</b>                                                                                                                                                                                    | UNIVERSITY OF MARYLAND, BALTIMORE COUNTY   |
| <b>Street Address:</b>                                                                                                                                                                          | OFFICE OF TECHNOLOGY DEVELOPMENT           |
| <b>Internal Address:</b>                                                                                                                                                                        | 1000 HILLTOP CIRCLE                        |
| <b>City:</b>                                                                                                                                                                                    | BALTIMORE                                  |
| <b>State/Country:</b>                                                                                                                                                                           | MARYLAND                                   |
| <b>Postal Code:</b>                                                                                                                                                                             | 21250                                      |
| <b>PROPERTY NUMBERS Total: 1</b>                                                                                                                                                                |                                            |
| <b>Property Type</b>                                                                                                                                                                            | <b>Number</b>                              |
| Application Number:                                                                                                                                                                             | 16000395                                   |
| <b>CORRESPONDENCE DATA</b>                                                                                                                                                                      |                                            |
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| <b>Phone:</b>                                                                                                                                                                                   | 9192868000                                 |
| <b>Email:</b>                                                                                                                                                                                   | alisonszafran@mvalaw.com                   |
| <b>Correspondent Name:</b>                                                                                                                                                                      | MOORE & VAN ALLEN, PLLC                    |
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| <b>Address Line 4:</b>                                                                                                                                                                          | RESEARCH TRIANGLE PK, NORTH CAROLINA 27278 |
| <b>ATTORNEY DOCKET NUMBER:</b>                                                                                                                                                                  | 026228-000441                              |
| <b>NAME OF SUBMITTER:</b>                                                                                                                                                                       | TRISTAN A. FUIERER                         |
| <b>SIGNATURE:</b>                                                                                                                                                                               | /tristan a. fuierer/                       |
| <b>DATE SIGNED:</b>                                                                                                                                                                             | 08/08/2018                                 |
| <b>Total Attachments: 2</b>                                                                                                                                                                     |                                            |
| source=Paratial_Assignment_Executed#page1.tif                                                                                                                                                   |                                            |



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**ASSIGNMENT**

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We, **GOVIND RAO, YORDAN KOSTOV, MUSTAFA AL-ADHAMI AND CHANDRASEKHAR GURRAMKONDA** have made an invention the specification of which is described in U.S. Patent Application filed on June 6, 2018, as U.S. Patent Application No. 16/000,395 in the U.S. Patent and Trademark Office, entitled:

**"METHOD AND APPARATUS FOR RAPID DETECTION OF BACTERIAL CONTAMINATION"**

We hereby assign to **University of Maryland, Baltimore County**, Office of Technology Development, 1000 Hilltop Circle, Baltimore, Maryland 21250, all of our ownership and rights in:

- (i) the invention, and the U.S. Patent Application;
- (ii) continuing, divisional and continuation-in-part applications based on and claiming priority of said U.S. Patent Applications;
- (iii) U.S. Patents on the invention; and
- (iv) corresponding foreign patent applications and patents.

We are making this assignment based on our employment relationship with University of Maryland, Baltimore County

We request the Commissioner of Patents and Trademarks of the United States and the appropriate officers of all foreign countries to issue patents on the invention to:

**University of Maryland, Baltimore County**

as owner of the invention and aforementioned patent rights.

We agree to execute any other legal documents that may be required to effectuate this Assignment.

We agree that we will promptly communicate to University of Maryland, Baltimore County all facts which come to our attention affecting the invention or patent rights.

We agree that we will testify in any interference or litigation involving the invention or patent rights.

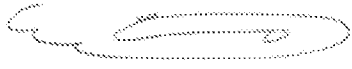
We declare that we have not done anything in conflict with this Assignment.

  
\_\_\_\_\_  
**GOVIND RAO**

  
\_\_\_\_\_  
**DATE**

  
\_\_\_\_\_  
**YORDAN KOSTOV**

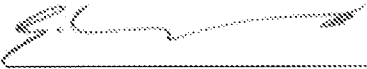
  
\_\_\_\_\_  
**DATE**



MUSTAFA AL-ADHAMI

7/12/2018

DATE



CHANDRASEKHAR GURRAMKONDA

7/19/2018

DATE

TRI1095625v1