

## PATENT ASSIGNMENT COVER SHEET

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
VENIGALLA B. RAO	02/08/2018
<b>RECEIVING PARTY DATA</b>	
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<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	16722124
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<b>SIGNATURE:</b>	/Ajay A. Jagtiani/
<b>DATE SIGNED:</b>	12/20/2019
<b>Total Attachments: 2</b>	
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source=As Filed Assignment from parent#page2.tif	

## Assignment of Application

WHEREAS, I (we), **Venigalla B. Rao**

respectively, have invented certain new and useful improvements in:

**DUAL ANTHRAX-PLAGUE VACCINES THAT CAN PROTECT AGAINST TWO  
TIER-1 BIOTERROR PATHOGENS, *BACILLUS ANTHRACIS* AND *YERSINIA PESTIS***

for which an application for Letters Patent was executed on \_\_\_\_\_

(Application No. 15/892,772, Filed February 9, 2018); and

WHEREAS,

**The Catholic University of America**

(hereinafter referred to as "ASSIGNEE"), having a place of business at:

**620 Michigan Ave. NE  
Washington, D.C. 20064**

is desirous of acquiring the full and exclusive right in and to said Invention and the entire right, title and interest in and to any and all Letters Patent which may be granted therefore in the United States and its territorial possessions and in any and all foreign countries.

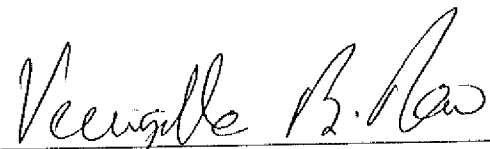
NOW, THEREFORE, in consideration of the sum of FIVE DOLLARS (\$5.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration, I (we), by these presents do sell, assign and transfer unto said ASSIGNEE, the full and exclusive right in and to said Invention in the United States and its territorial possessions and in any and all foreign countries, and the entire right, title and interest in and to any and all Letters Patent which may be granted therefore in the United States and its territorial possessions and in any and all foreign countries and in and to any and all divisions, continuations, substitutions, renewals and reissues thereof.

I (we) hereby authorize and request the Patent Office Officials in the United States and its territorial possessions and in any and all foreign countries to issue an and all of said Letters Patent, when granted, to said ASSIGNEE as the assignee of my (our) entire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEE and said ASSIGNEE's successors and assigns, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by me (us) had this Assignment and sale not been made.

Further, I (we) agree that I (we) will communicate to said ASSIGNEE or said ASSIGNEE's representative any facts known to me (us) respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letters Patent to be issued to said ASSIGNEE, make all rightful oaths, and, generally, do everything possible to aid said ASSIGNEE, and said ASSIGNEE's successors and assigns, to obtain and enforce proper protection for said Invention in the United States and its territorial possessions and in any and all foreign countries.

The undersigned hereby grant(s) the firm **Miles & Stockbridge, 1751 Pinnacle Drive, Tysons Corner, VA 22102**, the power to insert on this Assignment any further identification, including the application number and filing date, which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

Date: 2/8/2018

  
(Signature of Inventor) **Venigalla B. Rao**

**Miles & Stockbridge  
1751 Pinnacle Drive  
Tysons Corner, VA 22102**