

## 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>
DEVANAND SARKAR	01/31/2019
PAUL DENT	04/16/2019
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	VIRGINIA COMMONWEALTH UNIVERSITY
<b>Street Address:</b>	800 EAST LEIGH STREET, SUITE 3000
<b>City:</b>	RICHMOND
<b>State/Country:</b>	VIRGINIA
<b>Postal Code:</b>	23298
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	14650775
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(703)787-7557
<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>	
<b>Phone:</b>	703-787-9400
<b>Email:</b>	greyci@wcc-ip.com
<b>Correspondent Name:</b>	W&C IP
<b>Address Line 1:</b>	11491 SUNSET HILLS ROAD
<b>Address Line 4:</b>	RESTON, VIRGINIA 20190
<b>ATTORNEY DOCKET NUMBER:</b>	02940837US
<b>NAME OF SUBMITTER:</b>	MICHAEL E. WHITHAM
<b>SIGNATURE:</b>	/Michael E. Whitham/
<b>DATE SIGNED:</b>	04/22/2019
<b>Total Attachments: 3</b>	
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**ASSIGNMENT OF APPLICATION  
FOR UNITED STATES PATENT**

NAME AND ADDRESS  
OF ASSIGNOR

*WHEREAS:*

**Paul Fisher of Richmond, VA;  
Devanand Sarkar of Richmond, VA;  
AND Paul Dent of Richmond, VA;**

(Hereinafter referred to as ASSIGNOR), have invented and own a certain invention entitled:

TITLE OF INVENTION

***TROPISM MODIFIED CANCER TERMINATOR  
VIRUS (AD.5/3 CTV;AD.5/3-CTV-M7)***

(hereinafter referred to as INVENTION) for which application for Letters Patent of the United States was filed on June 9, 2015 and was accorded USSN 14/650,775, and is based on PCT/US2013/073989, filed December 10, 2012 which is based on U.S. Provisional Application 61/735,177 filed December 10, 2012, and;

*WHEREAS:*

FULL NAME AND ADDRESS  
OF ASSIGNEE:

**VIRGINIA COMMONWEALTH UNIVERSITY  
800 East Leigh Street  
Suite 3000  
Richmond, VA 23298**

(hereinafter referred to as ASSIGNEE), is desirous of acquiring the entire interest in, to and under said invention and in, to and under Letters Patent or similar legal protection to be obtained therefore in the United States and in any and all foreign countries.

***NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN:*** Be it known that good and valuable consideration from ASSIGNEE to ASSIGNOR, the receipt of which is hereby acknowledged, ASSIGNOR hereby sells, assigns and transfers to ASSIGNEE the full and exclusive worldwide right, title and interest to said invention, the above-identified United States patent application, and any and all other patent applications and patents for the Invention which may be applied for or granted therefor in the United States and in all foreign countries and jurisdictions, including any continuation, division, renewal, substitute or

of such patents.

ASSIGNOR hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment and sale;

ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said application, said invention and said Letters Patent as may be known and accessible to ASSIGNOR and will testify as to the same in any interference or litigation related thereto and will promptly execute and deliver to ASSIGNEE or its legal representative any and all papers, instruments or affidavits required to apply for, obtain, maintain and enforce said application, said invention and said Letters Patent which may be necessary or desirable to carry out the purposes hereof.

ASSIGNOR further agree to sign and execute all necessary and lawful future documents, including applications for foreign patents, for filing divisions, continuations and continuations-in-part of said application for patent and/or for obtaining any reissue or reissues of any Letters Patent which may be granted for the aforesaid INVENTION as the ASSIGNEE or its designee(s) may from time to time require and prepare at its own expense.

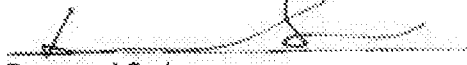
ASSIGNOR hereby authorize and request the Commissioner of Patents and Trademarks to issue any United States Letters Patent which may issue on said INVENTION to said ASSIGNEE, as assignee of the whole right, title and interest thereto.

*IN WITNESS WHEREOF, We have hereunto set hand and seal*

.....  
Date

01/31/19  
.....  
Date

.....  
Paul Fisher

  
.....  
Devanand Sarkar

.....  
Date

.....  
Paul Dent

Attorney Docket: 02940837US

\_\_\_\_\_  
Date

04/16/2019

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Date

\_\_\_\_\_  
Devanand Sarkar



\_\_\_\_\_  
Paul Dent