

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
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EPAS ID: PAT6648694

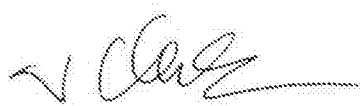
<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
NICOLE F. STEINMETZ	01/29/2021
HE HU	01/29/2021
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	CASE WESTERN RESERVE UNIVERSITY
<b>Street Address:</b>	10900 EUCLID AVENUE
<b>City:</b>	CLEVELAND
<b>State/Country:</b>	UNITED STATES
<b>Postal Code:</b>	44106
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	17129490
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(216)621-4072
<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>	
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<b>ATTORNEY DOCKET NUMBER:</b>	CWR-028802US ORD
<b>NAME OF SUBMITTER:</b>	RICHARD A. SUTKUS
<b>SIGNATURE:</b>	/Richard A. Sutkus/
<b>DATE SIGNED:</b>	04/09/2021
<b>Total Attachments: 2</b>	
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**ASSIGNMENT**

WHEREAS, We, **Nicole F. Steinmetz**, of San Diego, County of San Diego County, State of California, and He Hu, of Blacksburg, County of Montgomery, State of Virginia have made new and useful improvements entitled **POLYDOPAMINE-DECORATED TOBACCO MOSAIC THERANOSTIC VIRUS NANOPARTICLES**, for which an application for Letters Patent in the U.S. has been filed on December 21, 2020, under Serial No. 17/129,490 and

WHEREAS, Case Western Reserve University, an organization duly organized and existing under the laws of Ohio, having a place of business at 10900 Euclid Avenue, Cleveland, Ohio 44106, is desirous of acquiring the entire right, title and interest in and to the said improvements and all patents therefor to be obtained in the United States of America and countries foreign to the United States;

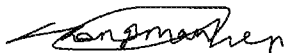
NOW THEREFORE, BE IT KNOWN that for valuable considerations to us paid, the receipt whereof is hereby acknowledged, we, the said Nicole F. Steinmetz and He Hu do hereby assign, sell and set over unto the said Case Western Reserve University, its successors or assigns, the entire right, title and interest in and to the said improvements and any and all inventions pertaining thereto, said application Serial No. 17/129,490, for the United States patent, all patents granted therefor in the United States of America and elsewhere, and the right to apply for patents therefor in all countries foreign to the United States and to claim for such applications the priority of United States applications, and I hereby request the Commissioner of Patents of the United States, and any official of any country or countries foreign to the United States whose duty it is to issue patents, to issue such patents to the said Case Western Reserve University, its successors or assigns; and we further agree to execute such other applications and other instruments and do all other acts as may be deemed necessary by the said Case Western Reserve University, its successors or assigns in order to fully secure, protect and preserve its rights to the said improvements and to obtain patents therefor in the United States of America and all countries foreign to the United States, all without further consideration but at the expense of the said Case Western Reserve University, its successors or assigns.



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**Nicole F. Steinmetz**

STATE OF OH )  
                  ) )  
COUNTY OF Cuyahoga )

On this 29th day of January, 2021, **Nicole F. Steinmetz**, to me known to be the person named in and who executed the above instrument, and acknowledged to me that she executed the same for the uses and the purposes therein mentioned.



\_\_\_\_\_  
Notary Public

