

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
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EPAS ID: PAT6932582

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
JOHN DAYTON TOVAR	01/06/2021
GARVIN PETERS	01/18/2021
HALEY BATES	05/10/2021
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	THE JOHNS HOPKINS UNIVERSITY
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<b>Postal Code:</b>	21218
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	17033458
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<b>ATTORNEY DOCKET NUMBER:</b>	1505-103251-02
<b>NAME OF SUBMITTER:</b>	JOHANNA P. SCHWARTZ
<b>SIGNATURE:</b>	/Johanna P. Schwartz/
<b>DATE SIGNED:</b>	09/23/2021
<b>Total Attachments: 4</b>	
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## ASSIGNMENT

WHEREAS, we, John Dayton Tovar, of Baltimore, MD, Garvin Peters, of Philadelphia, PA, and Haley Bates, of Orange, CA, along with others, have invented a certain invention(s), described at least in part in U.S. Patent Application No. 17/033,458, filed on September 25, 2020, entitled "POLYMER EMBODIMENTS COMPRISING NANOHOOP-CONTAINING POLYMER BACKBONES AND METHODS OF MAKING AND USING THE SAME," which application and invention(s) are collectively referred to herein as "the Invention."

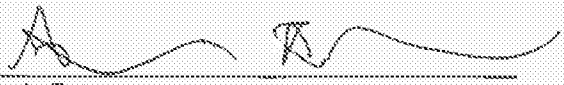
WHEREAS, The Johns Hopkins University, having a place of business at 3400 N. Charles Street, Baltimore, MD, 21218, desires to acquire an interest therein:

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, we, John Dayton Tovar, Garvin Peters, and Haley Bates, hereby sell, assign, and transfer to The Johns Hopkins University, the full and exclusive right, title, and interest that we have in and to the Invention and patent rights throughout the world, including foreign patent priority rights, the right to file and prosecute International Applications under the Patent Cooperation Treaty, and the right to file and prosecute applications under the European Patent Convention; the Invention and letters patent in this or any foreign country, and all corresponding non-provisional applications, divisions, continuations, continuations-in-part, reissues, and extensions thereof, to be held and enjoyed by The Johns Hopkins University, for its own use and benefit, and for its successors and assigns to the full end of the term for which letters patent may be granted by the United States or any foreign country, as fully and entirely as the same would have been held by us had this assignment and sale not been made, and agree that we will communicate to The Johns Hopkins University, or its successors and assigns, any facts known to us respecting the Invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing, and reissue applications, make all rightful oaths, and do everything possible to aid The Johns Hopkins University, its successors, and assigns to obtain and enforce proper patent protection for the Invention in the United States or any foreign country.

We confirm that, at the time the Invention was made, we were under an obligation to assign the Invention to The Johns Hopkins University.

We hereby grant the law firm of Klarquist Sparkman, LLP, the power to insert on this Assignment any further information that may be necessary or desirable in order to comply with all applicable legal requirements, including the rules of the United States Patent and Trademark Office, for submitting and




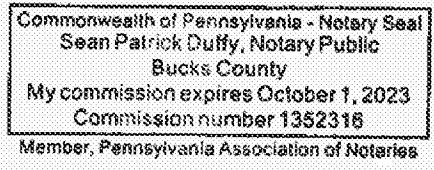
  
 \_\_\_\_\_  
 Garvin Peters

At Croydon Pennsylvania  
 (City and State)  
 on this 18 day of January, 2021

STATE OF Pennsylvania )  
 ) ss.  
 COUNTY OF Bucks )

This 18 day of January, 2021, before me personally came the above-named Garvin Peters, who executed the foregoing instrument in my presence, and who acknowledged to me that this instrument was executed by Garvin Peters's own free will for the purpose set forth therein.

  
 \_\_\_\_\_  
 Notary Public For Pennsylvania, Bucks county  
 My commission expires: 10/1/2023



[SEAL]

recording this document.

Executed at the place and date opposite our respective signatures below.  
1505-103251-01 UO-20-001



Haley Bates

At

(City and State)

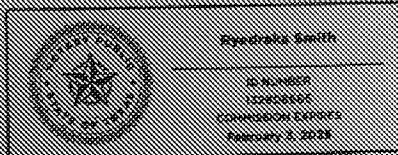
on this day of 20 21, MAY 10

STATE OF ) Texas

) ss.

COUNTY OF ) Harris

This day of 20 21, before me personally came the above-named Haley Bates, who executed the foregoing instrument in my presence, and who acknowledged to me that this instrument was executed by Haley Bates' own free will for the purpose set forth therein.



*Ryndra Smith*

Notary Public For Notary Public, State of Texas  
My commission expires: 02/03/2025

[SEAL]

Notarized online using audio-video communication