

## 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>
DAVID L CARROLL	06/23/2022
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	WAKE FOREST UNIVERSITY
<b>Street Address:</b>	MEDICAL CENTER BLVD. #573186
<b>Internal Address:</b>	C/O WAKE FOREST INNOVATIONS
<b>City:</b>	WINSTON-SALEM
<b>State/Country:</b>	NORTH CAROLINA
<b>Postal Code:</b>	27157
<b>PROPERTY NUMBERS Total: 2</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	62924150
<b>Application Number:</b>	17635716
<b>CORRESPONDENCE DATA</b>	
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<b>ATTORNEY DOCKET NUMBER:</b>	P3170US01
<b>NAME OF SUBMITTER:</b>	TOMAS FRIEND
<b>SIGNATURE:</b>	/Tomas Friend/
<b>DATE SIGNED:</b>	01/05/2023
<b>Total Attachments: 1</b>	
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ASSIGNMENT

In accordance with my obligations under an Employment Agreement or (as applicable) arising out of other agreements, and/or for other good and valuable consideration of which I/we acknowledge receipt, I,

David L. CARROLL of 5173 Laurel View Drive, Winston-Salem, NC 27104, USA

hereby assign to Wake Forest University (hereinafter referred to as Assignee) having an address at c/o Wake Forest Innovations, Medical Center Blvd., Box #573186, Winston-Salem, NC 27157, USA, its successors and assigns my entire respective right(s), title(s) and interest(s) in and to the invention and improvements invented and originated by me and described in the application for patent currently entitled: COMPOSITE NANOPARTICLE COMPOSITIONS AND ASSEMBLIES filed in the United States on October 21, 2019 having Serial Number 62/924,150; filed in the United States on October 21, 2020 having Serial Number PCT/US2020/056725; and filed in the United States on February 16, 2022 having Serial Number 17/635,716 and any and all applications for patent and patents therefrom in any and all countries, including all divisions, continuations, reexaminations and reissues thereof, and all rights of priority resulting from the filing of the above identified application, and authorize and request any official whose duty it is to issue patents, to issue any patent on said inventions and improvements resulting therefrom to said Assignee, or its successors or assigns and agree that on request and without further consideration, but at the expense of said Assignee, I will communicate to said Assignee or its representatives or nominees any facts known to me/us respecting said inventions and improvements and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, reexamination and reissue applications, make all rightful oaths and generally do everything possible to aid said Assignee, its successors, assigns, and nominees to obtain and enforce proper patent protection for said invention and its improvements in all countries.

INVENTOR

Signature: David L. Carroll  
David L. CARROLL

Date: 06/23/22

FOR ASSIGNEE

Signature: John Druga  
Printed Name: JOHN DRUGA

Date: 06/23/22