505357034 03/04/2019

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5403822

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
CLEMSON UNIVERSITY RESEARCH FOUNDATION	02/25/2019

RECEIVING PARTY DATA

Name:	UNIVERSITY OF KENTUCKY RESEARCH FOUNDATION
Street Address:	201 GILLIS BUILDING
City:	LEXINGTON
State/Country:	KENTUCKY
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Name:	CLEMSON UNIVERSITY RESEARCH FOUNDATION
Name: Street Address:	CLEMSON UNIVERSITY RESEARCH FOUNDATION 230 KAPPA STREET
Street Address:	230 KAPPA STREET

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15875398

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	13177N/2225US	
NAME OF SUBMITTER:	FRANCINE M VANAELST	
SIGNATURE:	/Francine VanAelst/	
DATE SIGNED:	03/04/2019	

PATENT 505357034 REEL: 048497 FRAME: 0346

Total Attachments: 2

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PATENT REEL: 048497 FRAME: 0347

ASSIGNMENT (Worldwide)

WHEREAS,

Clemson University Research Foundation, 230 Kappa Street, Clemson, SC 29634.

(hereinafter referred to as ASSIGNOR), by virtue of an assignment recorded at the United States Patent and Trademark Office on February 18, 2019 at Reel/Frame 048362/0689, owns, a certain invention titled

"Improved System and Method for Using Electrical Double Layer in Nanopores for Detection and Indentification of Molecules and Submolecular Units"

for which an application for Letters Patent of the United States has been executed on even date herewith:

filed on January 19, 2017 as Application No. 62/448,166; and filed on January 19, 2018 as Application No. 15/875,398

WHEREAS,

University of Kentucky Research Foundation (UKRF) 201 Gillis Building Lexington, KY 40506-0033; and

Clemson University Research Foundation 230 Kappa Street Clemson, SC 29634.

(hereinafter referred to collectively as CO-ASSIGNEES), are desirous of acquiring the entire right, title and interest in and to said invention, said application and in, to and under any and all Letters Patent to be obtained therefor;

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that for good and valuable consideration by UKRF to ASSIGNOR, the receipt and sufficiency of which is hereby acknowledged, ASSIGNOR has sold, assigned and transferred, and by these presents do hereby sell, assign and transfer unto the said CO-ASSIGNEES, their successors and assigns, the entire right, title and interest in and to said invention, said application, all divisions, continuations or renewals thereof, and the Letters Patent, both foreign and domestic, that may or shall issue, therefrom including all reissues or extensions of such patents including all the rights under the International Convention for the protection of Industrial Property, and do hereby authorize and request the Commissioner of Patents to issue said Letters Patent to the above mentioned CO-ASSIGNEES in accordance herewith.

ASSIGNOR hereby authorizes the above-mentioned CO-ASSIGNEES, their successors and assigns, or anyone they may properly designate, to apply for Letters Patent, in their names if desired, in any and all foreign countries, and additionally to claim the filing date of said United States application and/or otherwise take advantage of the provisions of the International Convention.

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;

13177N:2225US:1302774:1:NASHVILLE

ASSIGNOR further covenants that CO-ASSIGNEES will upon request, be provided promptly with all pertinent facts and documents related 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 CO-ASSIGNEES or their legal representative(s) 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.

Name of Assignor:

Clemson University Research Foundation

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Printed Name: A. CALIS GESSWEID

Title: Executive Deceleg

Date: 2/25/19