507080474 01/19/2022

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
UNIVERSITY OF VIRGINIA	09/12/2018

RECEIVING PARTY DATA

Name:	UNIVERSITY OF VIRGINIA PATENT FOUNDATION	
Street Address:	722 PRESTON AVE., SUITE 107	
City:	CHARLOTTESVILLE	
State/Country:	VIRGINIA	
Postal Code:	22903	

PROPERTY NUMBERS Total: 1

Property Type	Number	
Application Number:	17647364	

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	1036.289US2
NAME OF SUBMITTER:	BRENDA K. KOWALKE
SIGNATURE:	/ Brenda K. Kowalke /
DATE SIGNED:	01/19/2022

Total Attachments: 3

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PATENT 507080474 REEL: 058686 FRAME: 0792

RECORDATION FORM COVER SHEET PATENTS ONLY

Atty Ref/Docket No.: 1036.289US2 Patent and Trademark Office To the Director of the U.S. Patent and Trademark Office: Please record the attached original documents or copy thereof. 2. Name and address of receiving party(ies): 1. Name of conveying party(ies): Name: University of Virginia Patent Foundation University of Virginia Street Address: 722 Preston Ave., Suite 107 Additional name(s) of conveying party(ies) attached? City: <u>Charlottesville</u> State: <u>VA</u> Country: <u>United States of America</u> Zip: <u>22903</u> []Yes [X]No 3. Nature of conveyance: Additional name(s) & address(es) attached? []Yes [X]No [X] Assignment [] Merger [] Security Agreement [] Change of Name [] Other Execution Date: September 12, 2018 4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application is: A. Patent Application No.(s) B. Patent No.(s) Serial No. 17/647,364 Additional numbers attached? []Yes [X]No 6. Total number of applications and patents involved: 1 5. Name and address of party to whom correspondence concerning document should be mailed: 7. Total fee (37 CFR 3.41):\$ <u>0.00</u> Name: Timothy J. Christman [[Enclosed [Authorized to be charged to deposit account Address: 19-0743 Schwegman Lundberg & Woessner, P.A. P.O. Box 2938 8. Please charge any additional fees or credit any over Minneapolis, Minnesota 55402 payments to our Deposit Account No.: 19-0743 DO NOT USE THIS SPACE 9. Statement and signature. To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. January 10, 2022 Timothy J. Christman/Reg. No. 59,481 Name of Person Signing Date Signature Total number of pages including cover sheet: 3

Mail documents to be recorded with required cover sheet information to: Commissioner of Patents and Trademarks

Mail Stop Assignment Recordation Services

P.O. Box 1450

Alexandria, VA 22313-1450

PATENT REEL: 058686 FRAME: 0793

ASSIGNMENT

WHEREAS, the University of Virginia, Varsity Hall, 136 Hospital Drive, P. O. Box 400301, Charlottesville, Virginia 22904-4301 (the "Assignor") possesses the right, title and interest for and in an invention entitled

"CAVITY-ENHANCED FOURIER TRANSFORM SPECTROSCOPY FOR CHIRAL ANALYSIS"

described in U.S. Provisional Patent Application Serial No. 62/413,155 filed October 26, 2016; International Patent Application Serial No. PCT/US2017/058250 filed October 25, 2017, and any subsequent patent applications claiming priority thereto; and

WHEREAS, the University of Virginia Patent Foundation, d/b/a
University of Virginia Licensing & Ventures Group, a non-profit organization having a
place of business at 722 Preston Avenue, Suite 107, Charlottesville, Virginia 22903 (the
"Assignee") is desirous of acquiring the entire right, title and interest in and to the aforesaid
invention, including any tangible materials embodied in or encompassed by the invention and
any trade secrets pertaining to the invention, and any improvements thereon, (the
"Invention") and in and to said applications for Letters Patent thereon in the United States, its
territories and possessions ("United States") and all foreign countries, including rights to
claim priority, to any provisional applications, and in and to any Letters Patent of the United
States or any foreign country which may be granted therefor, including any and all reissues,
divisions, continuations, continuations-in-part, renewals, substitutes, or extensions thereof
(the "Rights");

NOW, THEREFORE, for and in consideration of the sum of One Dollar (\$1.00) and other good and valuable consideration, the receipt of which is hereby acknowledged, Assigner has sold, assigned, transferred and conveyed, and does hereby sell, assign, transfer and convey to Assignee, its successors and assigns, the entire right, title and interest in and to the aforesaid invention and Rights, except that Assignee hereby grants back to the Assignor a royalty free non-transferable license to make and use the Invention under the Rights for educational and research purposes, only. The aforesaid assignment includes the right in and to all income, royalties, damages and payments now or hereafter due or payable with respect to any Letters Patent which may be granted, and in and to all causes of action (either in law or in equity), and the right to sue, counterclaim, and recover for past, present and future infringement of the rights assigned or to be assigned under this Assignment, as fully and entirely as the same would have been held and enjoyed by Assignor if this sale and assignment had not been made;

AND Assignor hereby authorizes and requests the appropriate governmental officials to issue any and all such United States or foreign Letters Patent under said invention, or resulting from any of said applications thereof, to the Assignee, as the assignee of the entire right, title and interest in and to the same;

PATENT REEL: 058686 FRAME: 0794 AND Assignor hereby represents, warrants and covenants that it has the full right to convey the entire interest herein assigned, that it has not executed and will not execute any instrument or assignment in conflict herewith, and that the rights assigned herein are not otherwise encumbered by any grant, license or right;

AND Assignor further covenants and agrees that Assignors will at any time upon request make, execute and deliver without further compensation, any and all other instruments in writing, including further applications, papers, affidavits, power of attorney, assignments, and other documents, and do all lawful acts and things, which, in the opinion of counsel for said Assignee, its successors and assigns, may in any country be required or necessary more effectively to secure to and vest in said Assignee, its successors and assigns the entire right, title and interest in and to said Invention and Rights hereby sold, assigned, transferred and conveyed, and that Assignor will sign any applications for reissue, division, continuation, continuation-in-part, renewal, substitute or extension of said application for Letters Patent or any resulting Letters Patent;

AND Assignor further covenants and agrees that Assignor will at any time upon request communicate to the Assignee, its successors, assigns or other legal representatives any facts relating to the aforesaid invention known to it, and will testify as to the same in any interference, litigation, mediation, arbitration or other proceeding when requested to do so.

IN WITNESS WHEREOF, said Assignor has hereunto set its hand and seal.

Signature of		
Representative	Erre	Assimar

David J. Hudson

Representative's Title:

Senior Associate Vice President for Research

University of Virginia

Place of Execution;

Charlottesville, Virginia

CITY OF CHARLOTTESVILLE

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COMMONWEALTH OF VIRGINIA)

On this 244 day of 50 60 , 20 // , before me, a Notary Public at large in and for the Commonwealth of Virginia, personally appeared <u>David J. Hudson</u>, to me known and known to be the Senior Associate Vice President for Research of the University of Virginia, who executed the foregoing instrument in my presence, and acknowledged the same to be his and said organization's free act and deed.

Kathleen A. Moore, Notary Public Notary Registration No.: 100647

My commission expires on July 31, 2020

NOTARY OF THE STATE OF THE STAT

PATENT REEL: 058686 FRAME: 0795

RECORDED: 01/19/2022