

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT8236438

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
GARY CARTWRIGHT	10/18/2023
RECEIVING PARTY DATA	
Name:	NORTH CAROLINA STATE UNIVERSITY
Street Address:	1021 MAIN CAMPUS DRIVE
Internal Address:	CAMPUS BOX 8210
City:	RALEIGH
State/Country:	NORTH CAROLINA
Postal Code:	27695-8210
PROPERTY NUMBERS Total: 5	
Property Type	Number
Patent Number:	8337920
Patent Number:	9713340
Patent Number:	8574651
Patent Number:	9332781
Patent Number:	10390550
CORRESPONDENCE DATA	
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<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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Email:	cgregory@myersbigel.com
Correspondent Name:	MYERS BIGEL,P.A.
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Address Line 4:	RALEIGH, NORTH CAROLINA 27627
ATTORNEY DOCKET NUMBER:	1480.8
NAME OF SUBMITTER:	CAREY GREGORY
SIGNATURE:	/Carey Gregory/
DATE SIGNED:	10/24/2023
Total Attachments: 4	

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ASSIGNMENT

THIS ASSIGNMENT, made by me, **Gary D. Cartwright**, a citizen of the United States of America, residing at 514 Small Drive, Elizabeth City, North Carolina 27909;

WITNESSETH: That,

WHEREAS, I am a co-inventor of certain new and useful improvements in inventions (hereinafter, "the Inventions") for which patent applications have been filed and patents have issued as set forth in **Schedule A** attached hereto (hereinafter, individually referred to as "Applications" or "Patents" or collectively referred to as "Applications and Patents");

WHEREAS, I have previously assigned my rights in the priority application(s) for said Applications and Patents (U.S. Provisional Patent Application No. 61/099,434 filed September 23, 2008) to North Carolina State University, but I wish for a more complete record to confirm my prior assignment, to the extent applicable, and to assign any remaining right, title, and interest in and to the Inventions as described in said Applications and Patents; and

WHEREAS, **North Carolina State University**, a non-profit organization having a principal office located at 1021 Main Campus Drive, Campus Box 8210, Raleigh, North Carolina 27695-8210 (hereinafter referred to as "Assignee"), is desirous of acquiring an interest in and to said Inventions as described in the Applications and Patents, and in and to any and all Letters Patent which shall be granted therefor in the United States of America and all foreign countries;

NOW, THEREFORE, To Whom It May Concern, be it known that for good and valuable consideration, the receipt and sufficiency of which hereby acknowledged, I have sold and by these presents do hereby sell, assign, transfer and convey unto the Assignee, its successors and assigns, my entire right, title, and interest in and to said Inventions, and in and to any and all United States patent applications or foreign patent applications pertaining to said Inventions including, but not limited to, the Applications set forth in **Schedule A**, and in and to any and all continuations, continuations-in-part, or divisions thereof, and in and to any and all Letters Patent of the United States of America and all foreign countries or reissues thereof which may be granted therefor or thereon, including, but not limited to, the Patents set forth in **Schedule A**, for the full end of the term for which said Letters Patent may be granted, together with their right to claim the priority to the Applications in all countries in accordance with the Paris Convention, the Patent Cooperation Treaty, or other agreement or national law under which priority can be claimed, the same to be held and enjoyed by said Assignee, its successors and assigns, as fully

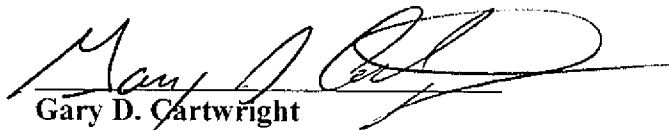
and entirely as the same would have been held and enjoyed by me if this Assignment and sale had not been made. It is expressly agreed by me and Assignee that this Assignment fully conveys and transfers from me to Assignee the right to sue for any and all patent infringement occurring prior to the date of this Assignment.

I hereby request that said Letters Patent be issued in accordance with this Assignment.


I further covenant and agree that, at the time of the execution and delivery of these presents, I possess the unencumbered right and authority to make this Assignment.

I further covenant and agree to promptly communicate to said Assignee or its representatives any facts known to me relating to said Inventions, to testify in any interference or legal proceedings involving said invention, to execute any additional papers which may be requested to confirm the right of the Assignee, its representatives, successors, or assigns to secure patent or similar protection for the said Inventions in all countries and to vest in the Assignee complete title to the said Inventions and Letters Patent, without further compensation, but at the expense of said Assignee, its successors, assigns, and other legal representatives.

IN WITNESS WHEREOF, on this 18th day of October, 20 23.



Gary D. Cartwright

Witnessed by:


Date: 10-18-23

WHEREBY **North Carolina State University** acknowledges and accepts the assignment;

IN WITNESS WHEREOF, on this 18 day of October, 2023. The undersigned warrants and represents that he has the authority to sign this Assignment on behalf of the Assignee, **North Carolina State University**.

By: _____

(Print Name) Kultaran Chohan, PhD LLM

Title: Executive Director

SCHEDULE A

United States Patent No.	Date Issued	Application No.	Date Filed	Title
8,337,920	12/25/2012	12/565,580	9/23/2009	Method for Processing Biomaterials
9,713,340	7/25/2017	13/130,615	9/20/2009	Electromagnetic System
8,574,651	11/5/2013	13/689,821	11/30/2012	Method for Processing Materials
9,332,781	5/10/2016	14/042,825	10/1/2013	Method for Processing Biomaterials
10,390,550	8/27/2019	15/064,126	3/8/2016	Method for Processing Biomaterials