

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
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EPAS ID: PAT5904573

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
	Name	Execution Date
	CELSUS BIOPHARMACEUTICALS, INC.	01/03/2020
RECEIVING PARTY DATA		
Name:	SMITHFIELD BIOSCIENCE, INC.	
Street Address:	12150 BEST PL.	
City:	CINCINNATI	
State/Country:	OHIO	
Postal Code:	45241	
PROPERTY NUMBERS Total: 1		
	Property Type	Number
	Patent Number:	7875596
CORRESPONDENCE DATA		
Fax Number:	(215)979-3899	
<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>		
Phone:	2159793800	
Email:	cwinters@mccarter.com	
Correspondent Name:	MCCARTER & ENGLISH, LLP	
Address Line 1:	1600 MARKET STREET	
Address Line 2:	SUITE 3900	
Address Line 4:	PHILADELPHIA, PENNSYLVANIA 19103	
ATTORNEY DOCKET NUMBER:	131159-03601	
NAME OF SUBMITTER:	VADIM E. CHERKASOV	
SIGNATURE:	/Vadim E. Cherkasov/	
DATE SIGNED:	01/10/2020	
Total Attachments: 4		
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ASSIGNMENT - WORLDWIDE

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, **CELSUS BIOPHARMACEUTICALS, INC.**, a corporation duly organized under the laws of Ohio and having its principal place of business at 12150 Best Pl., Cincinnati, OH 45241 (hereinafter referred to as "ASSIGNOR") have sold, assigned, and transferred, and hereby sells, assigns, and transfers, unto

SMITHFIELD BIOSCIENCE, INC., a corporation duly organized under the laws of Ohio and having its principal place of business at 12150 Best Pl., Cincinnati, OH 45241 (hereinafter referred to as "ASSIGNEE") its successors and assigns, the full and exclusive right, title and interest for the United States, its territories and possessions, and all foreign countries in and to this invention relating to

USE OF DERMATAN SULFRATES AND/OR DESULFATED HEPARINS TO TREAT OR PREVENT HEPARINOID-INDUCED AUTOIMMUNE RESPONSES

as set forth in the following Patent:

United States Patent No. 7,875,596 issued January 25, 2011

including (a) all other applications for Letters Patent of the United States and countries foreign thereto for above-identified invention or inventions, (b) all Letters Patent which may issue from said applications in the United States and countries foreign thereto, (c) all divisions, continuations, reissues, and extensions of said applications and Letters Patent, and (d) the right to claim for any of said applications the full benefits and priority rights under the International Convention and any other international agreement to which the United States adheres; such right, title, and interest to be held and enjoyed by ASSIGNEE, its successors and assigns, to the full end of the term or terms for which any and all such Letters Patent may be granted as fully and entirely as would have been held and enjoyed by ASSIGNOR had this Assignment not been made.

ASSIGNOR HEREBY AUTHORIZES ASSIGNEE to file patent applications in any or all countries on the above-identified invention or inventions in the name of the undersigned or in the name of ASSIGNEE or otherwise as ASSIGNEE may deem advisable under the International Convention or otherwise.

ASSIGNOR HEREBY AUTHORIZES AND REQUESTS the Commissioner of Patents and Trademarks to issue said Letters Patent to ASSIGNEE as assignee of the entire interest, for the sole use and benefit of ASSIGNEE, its successors and assigns.

ASSIGNOR HEREBY AGREES (a) to communicate to ASSIGNEE, its successors and assigns, or their representative or agents, all facts and information known or available to

ASSIGNOR respecting said invention or inventions, including evidence for interference, reexamination, reissue, opposition, revocation, extension, or infringement purposes or other legal, judicial, or administrative proceedings, whenever requested by ASSIGNEE; (b) to testify in person or by affidavit as required by ASSIGNEE, its successors and assigns, in any such proceeding in the United States or a country foreign thereto; (c) to execute and deliver, upon request by ASSIGNEE, all lawful papers including, but not limited to, original, divisional, continuation, and reissue applications, renewals, assignments, powers of attorney, oaths, affidavits, and declarations, depositions; and (d) to provide all reasonable assistance to ASSIGNEE, its successors and assigns, in obtaining and enforcing proper title in and protection for said invention or inventions under the intellectual property laws of the United States and countries foreign thereto.

ASSIGNOR HEREBY REPRESENTS AND WARRANTS that ASSIGNOR has the full and unencumbered right to sell, assign, and transfer the interests sold, assigned, and transferred herein, and that ASSIGNOR has not executed and will not execute any document or instrument in conflict herewith.


ASSIGNOR HEREBY GRANTS to the law firm of **McCarter & English, LLP** the power and authority to insert in this Assignment any further identification which may be necessary or desirable to comply with the rules of the U.S. Patent and Trademark Office for recordation of this Assignment.

ASSIGNOR UNDERSTANDS AND AGREES that the attorneys and agents of the law firm of **McCarter & English, LLP** do not personally represent ASSIGNOR OR ASSIGNOR's legal interests, but instead represent the interests of ASSIGNEE; since said attorneys and agents cannot provide legal advice to ASSIGNOR with respect to this Assignment, ASSIGNOR acknowledges its right to seek its own independent legal counsel.

Executed this 3rd day of January, 2020.

ASSIGNOR:

Celsus BioPharmaceuticals, Inc.


Name: Courtney Stanton

Title: Vice President

By my signature above, I, Courtney Stanton, as a lawful representative of ASSIGNOR, affirm that I am authorized to execute certain documents, including the present Assignment, on behalf of ASSIGNOR.

United States of America
State of Virginia)
County of Isle of Wight)

On this 3rd day of January, 2020 before me appeared Courtney Stanton personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the Assignment and acknowledged to me that she executed the same in his authorized capacity, and that by her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS MY HAND and official seal hereto affixed this 3rd, day of January, 2020 in this certificate first above written.


Kelly N. Saunders

My commission expires:

8.31.2023

Registration #:

7507362


(SEAL)



ASSIGNEE herewith accepts this assignment and transfer.

Executed this 3rd day of January, 2020.

ASSIGNEE:
Smithfield BioScience, Inc.


Name: Courtney Stanton
Title: President

By my signature above, I, Courtney Stanton, as a lawful representative of ASSIGNEE, affirm that I am authorized to execute certain documents, including the present Assignment, on behalf of ASSIGNEE.

United States of America
State of Virginia)
County of Isle of Wight)

On this 3rd day of January, 2020 before me appeared Courtney Stanton personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the Assignment and acknowledged to me that she executed the same in his authorized capacity, and that by her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS MY HAND and official seal hereto affixed this 3rd, day of January, 2020 in this certificate first above written.


Kelly N. Saunders

My commission expires: 8.31.2023

Registration #: 1507362

(SEAL)

