

## PATENT ASSIGNMENT COVER SHEET

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<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
LUCY DUNCOMBE	06/18/2019
<b>RECEIVING PARTY DATA</b>	
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<b>Property Type</b>	<b>Number</b>
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<b>SIGNATURE:</b>	/Pamela Blake/
<b>DATE SIGNED:</b>	11/05/2019
<b>Total Attachments: 3</b>	
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## ASSIGNMENT – WORLDWIDE

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, each undersigned inventor (hereinafter referred to as "ASSIGNOR") has sold, assigned, and transferred, and by these presents hereby sells, assigns, and transfers unto

### THE SECRETARY OF STATE FOR ENVIRONMENT, FOOD AND RURAL AFFAIRS

acting through the Animal and Plant Health Agency having its principal place of business at: Woodham Lane, Addlestone, Surrey, KT15 3NB, United Kingdom (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 the invention relating to

### POLYSACCHARIDE AND METHODS

as set forth in this United States Patent Application:

*check one*      ☐ executed concurrently herewith  
                     ☐ executed on \_\_\_\_\_  
                     ☒ Serial No. 16/347,550 filed on May 3, 2019

as well as in and to (a) all improvements and modifications of the above-identified invention or inventions; (b) all applications for Letters Patent of the United States and countries foreign thereto for the above-identified invention or inventions and all improvements and modifications thereof; (c) all Letters Patent which may issue from said applications in the United States and countries foreign thereto; (d) all divisions, continuations, reissues, and extensions of said applications and Letters Patent; and (e) the right to claim for any of said applications full benefits and priority rights under the Patent Cooperation Treaty, the Paris Convention, and any other international agreement; 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 representatives or agents, all facts and information known or available to ASSIGNOR respecting said invention or inventions and all improvements and modifications thereof, 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 proceedings 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, and all improvements and modifications thereof, under the intellectual property laws of the United States or countries foreign thereto.

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

ASSIGNOR HEREBY GRANTS to the law firm of **Adler Pollock & Sheehan P.C.** (Customer No. 133139) 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 United States Patent and Trademark Office for recordation of this Assignment.

ASSIGNOR UNDERSTAND AND AGREES that the attorneys and agents of the law firm of **Adler Pollock & Sheehan P.C.** do not personally represent ASSIGNOR or ASSIGNOR's legal interests, but instead represent the interest 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.

This Patent Assignment may be executed in counterparts, each of which shall be deemed an original, but all of which together shall be deemed one and the same agreement. A signed copy of this Patent Assignment delivered by facsimile, e-mail, or other means of electronic transmission shall be deemed to have the same legal effect as delivery of an original signed copy of this Patent Assignment.

Executed this 18 day of June, 2019

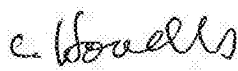
  
\_\_\_\_\_  
**John McGiven**

**IN WITNESS** whereof **John McGiven** has signed this Assignment Agreement on the day and year above.

Witness Signature

Witness Name (Please print)

Address (Please print)

  
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Executed this 18 day of June, 2019

L. Howells

Laurence Howells

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L. Duncombe

L. DUNCOMBE

7 Darvel Close, Woking GU21 4XG

Executed this 19 day of June, 2019

Lucy Duncombe

Lucy Duncombe

IN WITNESS whereof Lucy Duncombe has signed this Assignment Agreement on the day and year above.

Witness Signature

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