

## PATENT ASSIGNMENT

Electronic Version v1.1  
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT						
NATURE OF CONVEYANCE:	ASSIGNMENT						
CONVEYING PARTY DATA							
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Alexander Edwards</td> <td>01/28/2013</td> </tr> <tr> <td>Nigel Slater</td> <td>01/23/2013</td> </tr> </tbody> </table>		Name	Execution Date	Alexander Edwards	01/28/2013	Nigel Slater	01/23/2013
Name	Execution Date						
Alexander Edwards	01/28/2013						
Nigel Slater	01/23/2013						
RECEIVING PARTY DATA							
Name:	Cambridge Enterprise Limited						
Street Address:	The Old Schools, Trinity Lane						
City:	Cambridge						
State/Country:	UNITED KINGDOM						
Postal Code:	CB2 1TN						
PROPERTY NUMBERS Total: 1							
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13143829</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13143829		
Property Type	Number						
Application Number:	13143829						
CORRESPONDENCE DATA							
Fax Number:	6178327000						
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>							
Phone:	617-988-3584						
Email:	phenders@foleyhoag.com						
Correspondent Name:	Patricia L. Henderson						
Address Line 1:	155 Seaport Blvd.						
Address Line 4:	Boston, MASSACHUSETTS 02210-2600						
ATTORNEY DOCKET NUMBER:	MER-001.01						
NAME OF SUBMITTER:	Patricia L. Henderson						
Signature:	/Patricia L. Henderson/						
Date:	04/23/2013						

CH \$40.00 13143829

**Total Attachments: 5**

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**CONFIRMATION OF ASSIGNMENT OF INVENTION  
AND RELATED INTELLECTUAL PROPERTY RIGHTS**

**Parties:**

**1 "The Inventors"**

**Alexander EDWARDS**

of Department of Chemical Engineering and Biotechnology, University of Cambridge,  
New Museums Site, Pembroke Street, Cambridge CB2 3RA, United Kingdom

**Nigel SLATER**

of Department of Chemical Engineering and Biotechnology, University of Cambridge,  
New Museums Site, Pembroke Street, Cambridge CB2 3RA, United Kingdom

**2 "The Assignee"**

**CAMBRIDGE ENTERPRISE LIMITED**

of The Old Schools, Trinity Lane, Cambridge, Cambridgeshire, CB2 1TN, United  
Kingdom

**Recitals:**

**(A)** The Inventors are the joint inventors with others of the invention or inventions entitled FORMULATIONS OF VIABLE BACTERIA FOR ORAL DELIVERY ("the Invention") for which the patent application(s) set out in Part 2 of the Schedule hereto have been filed ("the Completion Application(s)").

**(B)** The Inventors have previously assigned all of their rights in the Invention and for the purposes of recording the assignment in the USPTO and facilitating the prosecution of intellectual property protection for the Invention have agreed to execute this confirmatory assignment of all their rights title and interest in to under and arising from the Invention including any further contributions that the Inventors may make to the development or improvement of the Invention and any matter that shall be contained in any future applications linked by one or more priorities to the Completion Application(s) ("Future Application(s)"), the "Priority Application(s)" (which is or are set out in Part 1 of the Schedule hereto), the Completion Application(s), and any Future Application(s) and all matter that shall be contained in any Future Application(s).

**Operative provisions:**

In consideration for the payment of £1.00 and other valuable consideration by the Assignee to each of the Inventors, the receipt and sufficiency of which are hereby acknowledged by the Inventors:-

1 The Inventors HEREBY SELL ASSIGN AND TRANSFER to the Assignee, by way of current assignment of both existing and future rights and property, absolutely and free from encumbrances and with effect from immediately prior to the filing of each Completion

Application:

1.1 all their legal and beneficial rights title and interest in Canada and the United States and all other countries of the world in to under and arising from the Invention and the Priority Application(s) and the Completion Application(s) and any Future Application(s) and all matter that shall be contained in any Future Application(s), and all national and regional phases and any and all divisions, continuations and continuations-in-part of all of the aforesaid applications, and any and all patents that may be granted pursuant to any of them for the full period thereof, including any re-issues, re-examinations, renewals, extensions and Supplementary Protection Certificates, and including all rights and powers arising or accrued therefrom including the right to sue for damages and other remedies in respect of any infringement of any such rights before on or after the date hereof and to retain any damages obtained as a result of such action;

1.2 all such rights as they may have to apply for prosecute and obtain patents and other intellectual property protection anywhere in the world in respect of the Invention and any invention(s) that shall be disclosed in and all matter that shall be contained in any Future Application(s) to the intent that any patents or other intellectual property protection for the Invention and for such invention(s) and matter may be applied for and shall be granted in the name of and shall vest in the Assignee or its successors or assigns (either alone or jointly with any co-applicants);

1.3 all such rights as they may have to claim priority from any or all of the Priority Application(s) and the Completion Application(s) and any Future Application(s) in any and all applications for patent protection for the Invention and any invention(s) that shall be disclosed in any Future Application(s), such rights to be enjoyed by the Assignee as from the date of filing of each patent application from which priority is claimed;

to the intent that the Assignee shall have and hold the rights title and interest hereby assigned as fully and entirely as the same would have been held and enjoyed by the Inventors had this assignment not been made.

2 The Inventors HEREBY GRANT the firm of Mewburn Ellis LLP the power to insert in Part 3 of the Schedule to this Assignment any further identification of any existing or future patent applications in Canada or the United States or any other countries or regions of the world which shall fall within the scope of clause 1 above, as may be necessary or desirable in order to comply with the rules of the United States Patent Office or the Canadian Patent Office or any other patent office for recordation of this document. It is understood and agreed that the Assignee's attorneys Mewburn Ellis LLP have represented only the Assignee and will continue to represent only the Assignee and its successors and assigns with respect to this Assignment.

3 The Inventors HEREBY UNDERTAKE that at the request and cost of the Assignee or its successors or assigns they will at all times hereafter promptly do all such acts and execute all such documents (including but not limited to documents required to be signed by or on behalf of inventors in the course of any and all Canadian or United States or any other patent applications which relate to the Invention or to any invention(s) that shall be disclosed in any Future Application(s) and any and all divisionals, continuations and continuations-in-part of any such applications) as may be reasonably necessary or desirable to secure or to provide further evidence of the vesting in the Assignee or its successors or assigns of all legal and beneficial rights title and interest intended to be assigned to the Assignee hereunder and to confirm the title of the Assignee or its successors or assigns to all such rights title and interest and to assist (in the course of litigation or interference or any other proceedings or otherwise) in the resolution of any question concerning the Invention or any invention(s) that shall be disclosed in any Future Application(s) or any application for patent or other intellectual property protection for any of the said inventions or any intellectual property protection granted pursuant to any such application.

4 The Inventors HEREBY REQUEST the US Commissioner of Patents and the relevant authorities in all countries of the world to issue any patents granted for the invention, or any invention(s) that shall be disclosed in any Future Application(s), in the name of the Assignee or its successors or assigns (either alone or jointly with any co-applicants) in accordance with this assignment.

5 This assignment and undertaking shall be binding upon the heirs, executors, administrators, successors and/or assigns of the Inventors and shall enure to the benefit of any heirs, executors, administrators, successors and/or assigns of the Assignee.

6 This agreement shall be governed by and interpreted in accordance with the laws of England, and the courts of England shall have exclusive jurisdiction to settle any disputes which may arise in connection with this agreement.

AS WITNESS the signatures of the inventors

### SCHEDULE

#### Part 1 - the Priority Application(s)

Country/region	Application No.	Application Date	Title
UK	0900350.0	09 January 2009	FORMULATIONS OF VIABLE BACTERIA FOR ORAL DELIVERY

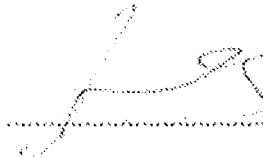
#### Part 2 - the Completion Application(s)


Country/region	Application No.	Application Date	Title
WO	PCT/GB2010/000035	11 January 2010	FORMULATIONS OF VIABLE BACTERIA FOR ORAL DELIVERY
Australia	2010204159	11 January 2010	FORMULATIONS OF VIABLE BACTERIA FOR ORAL DELIVERY
China	201080010410.4	11 January 2010	FORMULATIONS OF VIABLE BACTERIA FOR ORAL DELIVERY
EP	10700756.9	11 January 2010	FORMULATIONS OF VIABLE BACTERIA FOR ORAL DELIVERY
India	3353/KOLNP/2011	11 January 2010	FORMULATIONS OF VIABLE BACTERIA FOR ORAL DELIVERY
Japan	2011-54492	11 January 2010	FORMULATIONS OF VIABLE BACTERIA FOR ORAL DELIVERY
US	13/143829	11 January 2010	FORMULATIONS OF VIABLE BACTERIA FOR ORAL DELIVERY

Part 3 - Identification of some, but not necessarily all, patent applications falling within the scope of clause 1 of this Assignment

Country/region	Application No.	Application Date	Title	Signature for Mewburn Ellis LLP

SIGNED by the said )  
 Alexander EDWARDS 1100h )  
 at: UNIVERSITY OF READING )  
 on: 28 JAN 2013 )  
 in the presence of: )

Signature: 

Witness  
 Signature:   
 Name: JAMES  
 Address: 134 RENDLE RD  
 WOODLEY  
 RG5 3AH

SIGNED by the said )  
 Nigel SLATER )  
 at: ..... )  
 on: ..... )  
 in the presence of: )

Signature: .....


Witness  
 Signature: .....  
 Name:  
 Address:

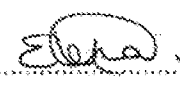
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Country/region	Application No.	Application Date	Title	Signature for Mewburn Ellis LLP

SIGNED by the said )  
 Alexander EDWARDS )  
 at: ..... )  
 on: ..... ) Signature: .....  
 in the presence of: )

Witness  
 Signature: .....  
 Name:  
 Address:

SIGNED by the said ) N.K.H. SLATER  
 Nigel SLATER )  
 at: CAMBRIDGE )  
 on: 23 Jan 2013 ) Signature:  .....  
 in the presence of: )

Witness  
 Signature:  .....  
 Name: ELENA GONZALEZ (PA to PROF. SLATER)  
 Address: DPT CHEMICAL ENGINEERING AND BIOTECHNOLOGY  
 NEW MUSEUMS SITE.  
 PEMBROKE ST.  
 CB2 3RA.