

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT		
NATURE OF CONVEYANCE:	ASSIGNMENT		
CONVEYING PARTY DATA			
	Name	Execution Date	
	STEPHEN CARRINGTON	03/14/2013	
	STEFAN OSCARSON	03/14/2013	
RECEIVING PARTY DATA			
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City:	DUBLIN		
State/Country:	IRELAND		
Postal Code:	4		
PROPERTY NUMBERS Total: 1			
	Property Type	Number	
	Application Number:	14847439	
CORRESPONDENCE DATA			
Fax Number:	(858)314-1501		
<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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ATTORNEY DOCKET NUMBER:	48536-529N01US		
NAME OF SUBMITTER:	STEVEN C. KOERBER, REG. NO. 54,233		
SIGNATURE:	/STEVEN C. KOERBER, REG. NO. 54,233/		
DATE SIGNED:	10/31/2015		
Total Attachments: 4			
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ASSIGNMENT AGREEMENT

THIS ASSIGNMENT is made the 14th March 2013

BETWEEN

Stephen Carrington, an English citizen of May Cottage, Knockaphrumpa Lane, Roundwood, Co. Wicklow, Ireland and

Stefan Oscarson, a Swedish citizen, of 41 Rowanbryn, Blackrock, Co. Dublin, Ireland

(hereinafter called "the Inventors") of the first part

AND

University College Dublin, National University of Ireland, Dublin, with an address at Belfield, Dublin 4, Ireland

(hereinafter called "the Assignee") of the other part

WHEREAS the Inventors claim to be the true inventors along with co inventors from University of California San Francisco of an invention relating to Thiosaccharide mucolytic agents" filed on 14th March 2013 as US application 61/784,856 (hereinafter called "the Invention"),

AND WHEREAS the Inventors agree with the Assignee to assign and transfer unto the Assignee all right title and interest of the Inventors in and to the said Invention and all rights and powers to apply for Patent for the Invention in Ireland and elsewhere in the name of the Assignee and any resultant Patent granted thereon for the consideration hereinafter appearing

1. **NOW THIS DEED WITNESSETH** that in pursuance of the said Agreement and in consideration for the use of UCD facilities and resources the Inventors hereby assign to the Assignee absolutely the Invention, any existing improvements therein or modifications thereof, and any know-how, copyright and design relating thereto together with all rights and interest in the same and

all rights and powers to make application for Patent in the name of the Assignee or in the name of its nominee, in Ireland and in any other country of the World in respect of the Invention or improvements therein or modifications thereof, together with all rights and benefits arising therefrom under the International Convention for the Protection of Industrial Property.

2. The Inventors hereby covenant with the Assignee as follows:

(i) That the Inventors (so far as necessary) permit and enable the Assignee to apply for and will take all reasonable steps to assist the Assignee or its nominee in obtaining the grant of patent or like protection in respect of the Invention hereinbefore assigned in any territory as may be required by Assignee

(ii) That the Inventors will at the request and cost of the Assignee execute such documents, and do all such acts and things as may be necessary for the purpose of sub-paragraph (i) hereof and for vesting any relevant inventions, application for patent, patent, know-how, copyright or design in the Assignee or its nominee absolutely.

3. The Inventors hereby irrevocably appoint the Assignee as attorney in name to execute any document, and do any act or thing which may be necessary to comply with the provisions of Clause 2 hereof.

It is hereby certified that the consideration (other than rent) for the sale/lease is wholly attributable to property which is not residential property and that the transaction effected by this instrument does not form part of a larger transaction or a series of transactions in respect of which the amount or value, or the aggregate amount or value, of the consideration (other than rent) which is attributable to properties which is not residential property exceeds €6,350.

IN WITNESS WHEREOF the parties hereto have executed these presents the day and year first herein written.

SIGNED by Stephen Carrington

Stephen D. Carrington

Signature

in the presence of :

Name MARY GALLAGHER

Signature Mary Gallagher

Address 174 Heathermore

Greystones

Co. Wicklow
Ireland

SIGNED by Stefan Oscarson

Stefan Oscarson

Signature

in the presence of :

Name Eva Åkerström

Signature Eva Åkerström

Address Lavretsvägen 6

S-147 63 Uttran

Sweden

SIGNED by

Ciaran O'Leary

Signature

As duly authorised officer of

University College Dublin,

National University of Ireland, Dublin

in the presence of :

Name JOHN WRIGLEY

Signature J. Wrigley

Address Nova VCD, Belfield Innovation Park

