07/28/2017 504478603

# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4525305

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

### **CONVEYING PARTY DATA**

Name	Execution Date
JOHN MCGIVEN	10/28/2015
DAVID BUNDLE	10/23/2015
LAURENCE HOWELLS	11/14/2015
JULIE GUIARD	10/26/2015
VIJAYA GANESH NARAYANASWAMY	10/25/2015

### **RECEIVING PARTY DATA**

Name:	THE SECRETARY OF STATE FOR ENVIRONMENT FOOD AND RURAL AFFAIRS
Street Address:	WOODHAM LANE
Internal Address:	ADDLESTONE
City:	SURREY
State/Country:	GREAT BRITAIN
Postal Code:	KT15 3NB
Name:	THE GOVERNORS OF THE UNIVERSITY OF ALBERTA
Street Address:	10230 JASPER AVENUE, #4000
Internal Address:	EDMONTON
City:	ALBERTA
State/Country:	CANADA
Postal Code:	T5J 4P6

### **PROPERTY NUMBERS Total: 1**

Property Type	Number		
Application Number:	15662699		

# **CORRESPONDENCE DATA**

Fax Number: (703)836-7419

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent

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**BUCHANAN INGERSOLL & ROONEY PC Correspondent Name:** 

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PATENT

REEL: 043126 FRAME: 0522 504478603

Address Line 4: ALE	EXANDRIA, VIRGINIA 22313-1404			
ATTORNEY DOCKET NUMBER:	0087101-000002			
NAME OF SUBMITTER:	ASHLEY FERNANDEZ			
SIGNATURE:	/Ashley Fernandez/			
DATE SIGNED:	07/28/2017			
	This document serves as an Oath/Declaration (37 CFR 1.63).			
Total Attachments: 8				
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source=Decl_Assign#page2.tif				
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source=Decl_Assign#page5.tif				
source=Decl_Assign#page6.tif				
source=Decl_Assign#page7.tif				
source=Decl_Assign#page8.tif				

# ASSIGNMENT WITH DECLARATION FOR UTILITY OR DESIGN PATENT APPLICATION (37 CFR 1.63)

# ASSIGNMENT

Whereas, I/We, the undersigned inventor(s) hereinafter called assignor(s), have invented certain improvements described in the application identified below; and

Whereas, THE SECRETARY OF STATE FOR ENVIRONMENT, FOOD AND RURAL AFFAIRS of Acting Through the Animal Health Veterinary Laboratories Agency, Woodham Lane, Addlestone, Surrey KT15 3NB, Great Britian and THE GOVERNORS OF THE UNIVERSITY OF ALBERTA, #4000, 10230 Jasper Avenue, Edmonton, Alberta T5J 4P6, Canada, (assignees), desire to acquire the entire right, title, and interest in the application and invention, and to any United States patents to be obtained therefor;

Now therefore, for valuable consideration, receipt whereof is hereby acknowledged,

I/We, the above named assignor(s), hereby sell, assign and transfer to the above named assignee, its successors, legal representatives, and assigns, my/our entire right, title and interest, if any, in the invention and the application for the United States of America, including all direct and indirect divisions, continuations, and continuations-in-part thereof, and all original, extended, reissued, reviewed, and reexamined Letters Patent of the United States, and all countries foreign thereto, that may be granted thereon, including rights of priority under the International Convention of Paris (1883) as amended, including the right to claim priority under 35 U.S.C. §119, and I/we request the Director of the U.S. Patent and Trademark Office to issue any Letters Patent granted upon the invention set forth in the application to the assignee, its successors and assigns; and I/we hereby agree that the assignee may apply for foreign Letters Patent on the invention and I/we will without further consideration, communicate all facts known to me/us and execute without further consideration all papers deemed necessary by the assignee in connection with the United States and foreign applications when called upon to do so by the assignee, its successors, legal representatives, or assigns. I/We further represent and warrant that I/We have the full right to convey the interest assigned by this assignment, and that I/We have not granted any rights inconsistent with the rights granted herein. I/We further acknowledge an obligation of assignment of this invention to assignee at the time the invention was made.

(Legalization not required for recording but is prima facie evidence of execution under 35 U.S.C. §261)

#### DECLARATION

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		The attached application,	OR	$\boxtimes$	United States Application or PCT International Application Number PCT/GB2014/051202 filed on 16 April 2014.

# PRE-AIA

My residence, mailing address, and citizenship are as stated below next to my name.

I believe the inventor(s) named below to be the original and first inventor(s) of the subject matter which is claimed and for which a patent is sought on the invention titled:

"OLIGOSACCHARIDE CONJUGATES AND METHODS OF USE" filed in the PCT on 16 April 2014

I hereby state that I have reviewed and understand the contents of the above identified application, including the claims, as amended by any amendment specifically referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

#### POST-AIA

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### Authorization To Permit Access To Application by Participating Office

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In accordance with 37 CFR 1.14(c), access may be provided to information concerning the date of filing the Authorization to Permit Access to Application by Participating Office.

	**************************************
NAME OF SOLE OR FIRST INVENTOR:	
Given Name	
(first and middle [if any]) John	MCGIVEN
Inventor's signature	Date 28/10/15
Residence: Surrey, Great Britain	Citizenship Great Britain
Mailing Address: c/o Animal and Plant Health Agency, Woodham Lan	e, Addlestone, Surrey KT15 3NB
NAME OF SECOND INVENTOR:	
Given Name (first and middle [if any]) David	BUNDLE
Inventor's signature	Date
Residence: Edmonton, Alberta, Canada	Citizenship Canada
Mailing Address: c/o University of Alberta, 10230 - Jasper Avenue	, Edmonton, Alberta T5J 4P6, Canada
NAME OF THIRD INVENTOR:	
Given Name (first and middle [if any]) Laurence	Family Name or Surname HOWELLS
Inventor's signature	Date 14/11/15
Residence: Surrey, Great Britain	Citizenship Great Britain
Mailing Address: c/o Animal and Plant Health Agency, Woodham Lan	ie, Addlestone, Surrey KT15 3NB
NAME OF FOURTH INVENTOR:	
Given Name (first and middle [if any]) Julie	Family Name or Surname GUIARD
Inventor's signature	Date
Residence: Edmonton, Alberta, Canada	Citizenship Canada
Mailing Address: c/o University of Alberta, 10230 – Jasper Avenue,	Edmonton, Alberta T5J 4P6, Canada
NAME OF FIFTH INVENTOR:	
Given Name (first and middle [if any]) Vijaya Ganesh	Family Name or Surname NARAYANASWAMY
Inventor's signature	Date
Residence: Edmonton, Alberta, Canada	Citizenship Canada
Mailing Address: c/o E5-15 Chemistry Centre, Department of Chemistry	stry, University of Alberta, Edmonton, Alberta T6G 262, Canada

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Now therefore, for valuable consideration, receipt whereof is hereby acknowledged.

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Given Name	
(first and middle [if any]) John	MCGIVEN
Inventor's signature	Date
Residence: Surrey, Great Britain	Ölüzenship Grest Britain
Mailing Address: c/o Animal and Plant Health Agency, Woodham Land	e. Addlestone, Surrey KT15 3NB
NAME OF SECOND INVENTOR:	
Given Name (first and middle [if any]) David	BUNDLE
Invenior's signature Seal Hand	Danc 23/10/2015
Residence: Edmonton, Alberta, Canada	Citizenship Canada
Mailing Address: c/o University of Alberta, 10230 - Jasper Avenue,	Edmonton Alburro TSI 4D6 Canada
NAME OF THIRD INVENTOR:	Limiting, Anicola 1,2 40, Capaga
Given Name (first and middle [if any]) Laurence	Family Name or Surname HOWELLS
Inventor's signature	Date
Residence: Surrey, Great Britain	Citizenship Great Britain
Mailing Address: c/o Animal and Plant Health Agency, Woodham Land	e. Addiesione Surrey &T15 3NH
NAME OF FOURTH INVENTOR:	4. 1006.000.000.000.000.000.000.000.000.000
Given Name	
	Family Name or Surname GUIARD
Inventor's	
signature	Date
Residence: Edmonton, Alberta, Canada	Citizenship Canada
Mailing Address: c/o University of Alberta, 10230 - Jasper Avenue, 1	Edmonton, Alberta TSI 4P6, Canada
NAME OF FIFTH INVENTOR:	
Given Name (first and middle [if any]) Vijaya Ganesh	Pamily Name or Surname NARAYANASWAMY
Inventor's signature	Date
Residence: Edmonton, Alberta, Canada	Citizenship Canada
Mailing Address: c/o E5-15 Chemistry Centre, Department of Chemis	ary, University of Alberta, Edmonton, Alberta T6G 262, Canada

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Inventor's signature	Date
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Mailing Address: c/o Animal and Plant Health Agency, Woodham Lan	e, Addlestone, Surrey KT15 3NB
NAME OF FOURTH INVENTOR:	
Given Name (first and middle [if any]) Julie	Family Name or Sumame GUIARD
Invenior's signature	Date October 26th, 2015
Residence: Verdigny, France	Citizenship France
Mailing Address: Rue de la Croix Michaud - Chaudoux, 18300 Verd	igny, France
NAME OF FIFTH INVENTOR:	
Given Name (first and middle [if any]) Vijaya Ganesh	Family Name or Surname NARAYANASWAMY
inventor's signature	Date
Residence: Edmonton, Alberta, Canada	Citizenship Canada
Mailing Address: c/o E5-15 Chemistry Centre, Department of Chemi-	stry, University of Alberta, Edmonton, Alberta T6G 262, Canada

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Ac a balony page of inventor Thomas de deserta at the transfer to

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	MARGARIAGOOGOOGOOCOOCOOCOOCOOCOOCOOCOOCOOCOOCOOC
NAME OF SOLE OR FIRST INVENTOR:	
Given Name	
(first and middle [if any]) John	MCGIVEN
Inventor's signature	Plant
mvenus s seguente	Date
Residence: Surrey, Great Britain	Citizenship Great Britain
Mailing Address: c/o Animal and Plant Health Agency, Woodham Lane, Addlestone, Surrey KT15 3NB	
NAME OF SECOND INVENTOR:	
Given Name	
(first and middle [if any]) David	BUNDLE
Inventor's signature	Date
Residence: Edmonton, Alberta, Canada	(No. 1) (1) (1) (1)
Acodonice. Camonon, Americ, Canada	Citizenship Canada
Mailing Address: c/o University of Alberta, 10230 - Jasper Avenue, Edmonton, Alberta T5J 4P6, Canada	
NAME OF THIRD INVENTOR:	7 SACROCAN EDGE CO. 1 S. P. O. CARRAGE
Given Name	
(first and middle (if any)) Laurence	Family Name or Surname HOWELLS
Inventor's signature	Date
Residence: Surrey, Great Britain	Citizenship Great Britain
RENEW AND	
Mailing Address: c/o Animal and Plant Health Agency, Woodham Lane, Addlesione, Surrey KT15 3NB	
NAME OF FOURTH INVENTOR:	
Given Name (first and middle [if any]) Julie	Part 9 XII - O Service Service
	Family Name or Surname GUIARD
Inventor's signature	Date
	1200
Residence: Edmonton, Alberta, Canada	Citizenship Canada
Mailing	
Address: c/o University of Alberta, 10230 - Jasper Avenue, Edmonton, Alberta T5J 4P6, Canada	
NAME OF FIFTH INVENTOR:	
Given Name	
(first and middle [if any]) Vijaya Ganesh	Family Name or Surname NARAYANASWAMY
Inventor's Name Care	
signature VY VV	Date October 25, 2015
Residence: Toronto, Ontario, Canada	Otherwood Co. 19 19
Residence: Toronto, Ontario, Canada   Citizenship India  Mailing	
Advences Wa 6020 Dottomet Charat Andid to Towney Outside \$190120 Och	
PATENT	

RECORDED: 07/28/2017 REEL: 043126 FRAME: 0531