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PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	

CONVEYING PARTY DATA

Name	Execution Date
ANDREW BOTTLEY	11/01/2016
CHRISTOPHER HAYES	11/01/2016
GRAHAM SEYMOUR	11/01/2016
ANNA GRABOWSKA	11/01/2016
PHILIP CLARKE	11/01/2016

RECEIVING PARTY DATA

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State/Country:	GREAT BRITAIN	
Postal Code: NG7 2RD		

PROPERTY NUMBERS Total: 1

Property Type	Number		
Application Number:	16522216		

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Total Attachments E		
DATE SIGNED:	08/07/2019	
SIGNATURE:	NATURE: /MELISSA HUNTER-ENSOR, PH.D./	
NAME OF SUBMITTER:	DF SUBMITTER: MELISSA HUNTER-ENSOR	
ATTORNEY DOCKET NUMBER:	172787.010201/US/CON	

Total Attachments: 5

PATENT REEL: 049990 FRAME: 0816 source=172787_010201USCONAssignment#page1.tif source=172787_010201USCONAssignment#page2.tif source=172787_010201USCONAssignment#page3.tif source=172787_010201USCONAssignment#page4.tif source=172787_010201USCONAssignment#page5.tif

> PATENT REEL: 049990 FRAME: 0817

Attorney Docket No.: 9999917.00007

ASSIGNMENT BY INVENTOR(S)

THIS ASSIGNMENT, made this day of
201, by Andrew Bottley, Christopher Hayes, Graham Seymour, Anna Grabowska and
Philip Clarke, c/o The University of Nottingham, University Park, Nottingham,
Nottinghamshire, NG7 2RD, Great Britain, (hereinafter referred to as Assignor(s)).

WHEREAS, Assignor(s) have invented certain new and useful improvements in "GLYCOLIPIDS AND PHARMACEUTICAL COMPOSITIONS THEREOF FOR USE IN THERAPY," as set forth in an application for Letters Patent of the United States already filed on September 30, 2016, as U.S. Patent Application No.: 15/301,264, which is the 371 application of PCT/GB2015/051068, filed on April 7, 2015, which claims priority to Great Britain Application No. 1406172.5, filed April 4, 2014; and

WHEREAS, c/o The University of Nottingham, organized under and pursuant to the laws of Great Britain, having a principal place of business at University Park, Nottingham, Nottinghamshire, NG7 2RD, Great Britain, (hereinafter referred to as Assignee(s), is desirous of acquiring the entire right, title and interest in and to said inventions and said Application for Letters Patent of the United States, and in and to any Letters Patent of the United States to be obtained therefore and thereon.

NOW, THEREFORE, Assignor(s) have sold, assigned, transferred and set over, and by these presents do sell, assign, transfer and set over, unto Assignee(s), their successors, legal representatives and assigns, the entire right, title and interest in and to the above-mentioned inventions and application for Letters Patent, and in and to any and all direct and indirect divisions, continuations and continuations-in-part of said application, and any and all Letters Patent in the United States and all foreign countries which may be granted therefor and thereon, and reissues, reexaminations and extensions of said Letters Patent, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by Assignee(s), for their own use and benefit and the use and benefit of their successors, legal representatives and assigns, to the full end of the term or terms for which Letters Patent

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may be granted and/or extended, as fully and entirely as the same would have been held and enjoyed by Assignor(s), had this sale and assignment not been made.

AND for the same consideration, Assignor(s) hereby represent and warrant to Assignee(s), their successors, legal representatives and assigns, that, at the time of execution and delivery of these presents, except for any rights, titles and/or interests that have arisen to Assignee(s) under law or that have already been transferred to Assignee(s), Assignor(s) are the sole and lawful owners of the entire right, title and interest in and to the said inventions and application for Letters Patent above-mentioned, and that the same are unencumbered and that Assignors have good and full right and lawful authority to sell and convey the same in the manner herein set forth.

AND for the same consideration, Assignor(s) hereby covenant and agree to and with Assignee(s), their successors, legal representatives and assigns, that Assignor(s) will sign all papers and documents, take all lawful oaths and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of any Letters Patent and applications for Letters Patent for said inventions, without charge to Assignee(s), their successors, legal representatives and assigns, whenever counsel of Assignee(s), or counsel of their successors, legal representatives and assigns, shall advise: that any proceeding in connection with said inventions, or said Provisional application for Letters Patent, or any proceeding in connection with any Letters Patent or applications for Letters Patent for said inventions in any country, including but not limited to interference proceedings, is lawful and desirable; or, that any division, continuation or continuation-in-part of any application for Letters Patent, or any reissue, reexamination or extension of any Letters Patent, to be obtained thereon, is lawful and desirable.

AND Assignor(s) hereby request the Commissioner of Patent and Trademarks to issue said Letters Patent of the United States to Assignee(s), as Assignee(s) of said inventions and the Letters Patent to be issued thereon, for the sole use and benefit of Assignee(s), their successors, legal representatives and assigns.

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AND Assignor(s) hereby grant the following individuals the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document;

GREENBERG TRAURIG, LLP

All practitioners at Customer Number 35893

AND Assignor(s) acknowledge an obligation of assignment of this invention to Assignee(s) at the time the invention was made.

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PATENT REEL: 049990 FRAME: 0820

IN TESTIMONY WHEREOF, the Assignors have signed their names on the dates indicated. - 1 NOV 2016 Date: LOUGH BORNIGH LEIZ TRUP IN TESTIMONY WHEREOF, the Assignors have signed their names on the dates indicated. - 1 NOV 2016 Date: - 1 NOV 2016 IN TESTIMONY WHEREOF, the Assignors have signed their names on the dates indicated. Date: Witness:

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IN TESTIMONY WHEREOF, the Assignors have signed their names on the dates indicated.

Date:	- 1 NOV 2016	A	ma Guberska			
	ANNA GRABOWSKA					
Date:	- 1 NOV 2016	Witness:	Bound BENDER BEHMLEY 13 HICKER CLOTE LIKETION DEPLATE DET 8HT			
	IN TESTIMONY WHEREOF,	the Assignors hav	re signed their names on the dates indicated.			
Date:	- 1 NOV 2016	РНІ	LIP CLARKE			
Dates	- 1 NOV 2016	Witness:	BBrand (REDGET BRANCE)			

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