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PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT3823979

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
FRANK HOSSNER	10/03/2013
JOHN BRYCE STRACHAN	09/23/2013

RECEIVING PARTY DATA

Name:	GLAXO GROUP LIMITED
Street Address:	980 GREAT WEST ROAD
City:	BRENTFORD, MIDDLESEX
State/Country:	UNITED KINGDOM
Postal Code:	TW8 9GS

PROPERTY NUMBERS Total: 1

Property Type	Number	
Application Number:	14996306	

CORRESPONDENCE DATA

Fax Number: (919)483-7977

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.

Phone: 919-483-2370 Email: usciprtp@gsk.com

Correspondent Name: GLAXOSMITHKLINE, CORPORATE INTELLECTUAL

Address Line 1: FIVE MOORE DRIVE, P.O. BOX 13398

Address Line 2: 5.5A

Address Line 4: RESEARCH TRIANGLE PA, NORTH CAROLINA 27709-3398

ATTORNEY DOCKET NUMBER:	PB65224C1US (JPR/VP)		
NAME OF SUBMITTER:	VALERIE L. PHILLIPS		
SIGNATURE:	/Valerie L. Phillips/		
DATE SIGNED:	04/11/2016		

Total Attachments: 6

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ASSIGNMENT

WHEREAS I/WE, Frank HOSSNER, a citizen of the United Kingdom, of c/o Brentford, Middlesex, GB and John Bryce STRACHAN, a citizen of the United Kingdom, of Stevenage, Hertfordshire, GB (hereinafter called "the inventor(s)") have invented or discovered certain improvements in "CHEMICAL PROCESS" (hereinafter referred to as "the invention and improvements") for which priority application 61/683369 was filed on 15 Aug 2012 in the United States, and for which a PCT international application PCT/EP2013/067035 was filed on 14 Aug 2013, designating the United States of America.

WHEREAS the invention and improvements, being made in the course of my employment, belong to my/our employer at that time, namely GLAXOSMITHKLINE SERVICES UNLIMITED, a company incorporated in England whose registered address is 980 Great West Road, Brentford, Middlesex TW8 9GS, England, and

WHEREAS GLAXOSMITHKLINE SERVICES UNLIMITED has authorised and requested our making the application, and

WHEREAS GLAXOSMITHKLINE RESEARCH AND DEVELOPMENT LIMITED, a company incorporated in England whose registered address is 980 Great West Road, Brentford, Middlesex TW8 9GS, England, is desirous of acquiring from GLAXOSMITHKLINE SERVICES UNLIMITED the whole right, title and interest in and to the invention and improvements and in and to the application, and

WHEREAS GLAXO GROUP LIMITED a company incorporated in England whose registered address is 980 Great West Road, Brentford, Middlesex TW8 9GS, England, is desirous of acquiring the whole right, title and interest in and to the invention and improvements and in and to any applications for the invention and improvements and any Letters Patent to be obtained therefor, in all countries, including the United States of America, its territories and possessions;

NOW, THEREFORE, to all whom it may concern be it known that I/we, the inventor(s), hereby confirm the ownership by GLAXOSMITHKLINE SERVICES UNLIMITED of the invention and improvements and the application by operation of law and, if under the law of the United States of America I/we the inventor(s) have any ownership right, title and

interest in and to the invention and improvements and the application, (which I/we do not believe to be the case and claim no ownership right, title or interest in and to the invention and improvements and to the application based on the law of the United Kingdom), I/we the inventor(s) nevertheless hereby assign and transfer such ownership right, title and interest in and to the invention and improvements and to the application, including the right to claim priority from the application in respect of any subsequent applications, to GLAXOSMITHKLINE SERVICES UNLIMITED. GLAXOSMITHKLINE SERVICES UNLIMITED in turn hereby assigns and transfers to GLAXOSMITHKLINE RESEARCH AND DEVELOPMENT LIMITED its whole right, title and interest in and to the invention and improvements and in and to the application.

assigns and transfers to GLAXO GROUP LIMITED its whole right, title and interest in all countries, including the United States of America, its territories and possessions in and to the invention and improvements and in and to the application including the right to claim priority from the application in respect of any subsequent applications, and in and to any divisional application, continuation or continuation in part application thereof, and in and to any Supplementary Protection Certificate, extension or re-issue thereof, and I/we the inventor(s) and GLAXOSMITHKLINE SERVICES UNLIMITED and GLAXOSMITHKLINE RESEARCH AND DEVELOPMENT LIMITED hereby authorise and request any patent arising therefrom, in all countries, including the United States of America, its territories and possessions, be issued to GLAXO GROUP LIMITED;

AND GLAXOSMITHKLINE SERVICES UNLIMITED and GLAXOSMITHKLINE
RESEARCH AND DEVELOPMENT LIMITED hereby, and I/we the inventor(s) for
myself/ourselves and my/our respective executors and legal representatives hereby, agree
at the request and cost of GLAXO GROUP LIMITED to provide information and make
execute and deliver any and all other instruments in writing, and any and all further acts,
applications, papers, affidavits, assignments and other documents which may be possible
and are necessary or desirable to more effectually secure to and vest in GLAXO GROUP
LIMITED, its successors and assigns, the whole right, title and interest in and to the
invention and improvements and in and to the application hereby assigned and transferred
in all countries, including the United States of America, its territories and possessions.

IN WITNESS whereof and with effect from the 15 Aug 2012, the inventor(s) and the Attorney & Authorised Official of GLAXOSMITHKLINE SERVICES UNLIMITED and

GLAXOSMITHKLINE RESEARCH AND DEVELOPMENT LIMITED and GLAXO GROUP LIMITED by virtue of Powers of Attorney granted by GLAXOSMITHKLINE SERVICES UNLIMITED and GLAXOSMITHKLINE RESEARCH AND DEVELOPMENT LIMITED and GLAXO GROUP LIMITED have hereunto set their respective hands.

Inventor Nan	ie Signature	Date
Frank HOSSI	NER: X	1 Xm X 3 40 4 20 a
John Bryce S	STRACHAN:	
	Riching Lewis En	SEMAN f GLAXOSMITHKLINE SERVICES UNLIMITED and
	•	ND DEVELOPMENT LIMITED and GLAXO GROUP
LIMITED:		
		0 9 OCT 2013 Date:
Signature		

ASSIGNMENT

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WHEREAS the invention and improvements, being made in the course of my employment, belong to my/our employer at that time, namely GLAXOSMITHKLINE SERVICES UNLIMITED, a company incorporated in England whose registered address is 980 Great West Road, Brentford, Middlesex TW8 9GS, England, and

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WHEREAS GLAXO GROUP LIMITED a company incorporated in England whose registered address is 980 Great West Road, Brentford, Middlesex TW8 9GS, England, is desirous of acquiring the whole right, title and interest in and to the invention and improvements and in and to any applications for the invention and improvements and any Letters Patent to be obtained therefor, in all countries, including the United States of America, its territories and possessions;

NOW, THEREFORE, to all whom it may concern be it known that I/we, the inventor(s), hereby confirm the ownership by GLAXOSMITHKLINE SERVICES UNLIMITED of the invention and improvements and the application by operation of law and, if under the law of the United States of America I/we the inventor(s) have any ownership right, title and

interest in and to the invention and improvements and the application, (which I/we do not believe to be the case and claim no ownership right, title or interest in and to the invention and improvements and to the application based on the law of the United Kingdom), I/we the inventor(s) nevertheless hereby assign and transfer such ownership right, title and interest in and to the invention and improvements and to the application, including the right to claim priority from the application in respect of any subsequent applications, to GLAXOSMITHKLINE SERVICES UNLIMITED. GLAXOSMITHKLINE SERVICES UNLIMITED in turn hereby assigns and transfers to GLAXOSMITHKLINE RESEARCH AND DEVELOPMENT LIMITED its whole right, title and interest in and to the invention and improvements and in and to the application.

assigns and transfers to GLAXO GROUP LIMITED its whole right, title and interest in all countries, including the United States of America, its territories and possessions in and to the invention and improvements and in and to the application including the right to claim priority from the application in respect of any subsequent applications, and in and to any divisional application, continuation or continuation in part application thereof, and in and to any Supplementary Protection Certificate, extension or re-issue thereof, and I/we the inventor(s) and GLAXOSMITHKLINE SERVICES UNLIMITED and GLAXOSMITHKLINE RESEARCH AND DEVELOPMENT LIMITED hereby authorise and request any patent arising therefrom, in all countries, including the United States of America, its territories and possessions, be issued to GLAXO GROUP LIMITED;

AND GLAXOSMITHKLINE SERVICES UNLIMITED and GLAXOSMITHKLINE
RESEARCH AND DEVELOPMENT LIMITED hereby, and I/we the inventor(s) for
myself/ourselves and my/our respective executors and legal representatives hereby, agree
at the request and cost of GLAXO GROUP LIMITED to provide information and make
execute and deliver any and all other instruments in writing, and any and all further acts,
applications, papers, affidavits, assignments and other documents which may be possible
and are necessary or desirable to more effectually secure to and vest in GLAXO GROUP
LIMITED, its successors and assigns, the whole right, title and interest in and to the
invention and improvements and in and to the application hereby assigned and transferred
in all countries, including the United States of America, its territories and possessions.

IN WITNESS whereof and with effect from the 15 Aug 2012, the inventor(s) and the Attorney & Authorised Official of GLAXOSMITHKLINE SERVICES UNLIMITED and

GLAXOSMITHKLINE RESEARCH AND DEVELOPMENT LIMITED and GLAXO GROUP LIMITED by virtue of Powers of Attorney granted by GLAXOSMITHKLINE SERVICES UNLIMITED and GLAXOSMITHKLINE RESEARCH AND DEVELOPMENT LIMITED and GLAXO GROUP LIMITED have hereunto set their respective hands.

Inventor Name	Signature		Date
Frank HOSSNER:			
John Bryce STRACHAN:	John S	md- 2	3 Sep 2013
SIGNED by Authorise GLAXOSMITHKLINE RES	d Official of GLAXC	SMITHKLINE SER	
Z Signature		0 Date:	9 OCT 2013

PATENT REEL: 038244 FRAME: 0326

RECORDED: 04/11/2016