

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT5512641

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
STEPHEN JOHN ATKINSON	09/26/2016
HELEN ELIZABETH AYLOTT	09/27/2016
ANTHONY WILLIAM JAMES COOPER	09/27/2016
EMMANUEL HUBERT DEMONT	09/26/2016
LEE ANDREW HARRISON	09/26/2016
THOMAS GEORGE CHRISTOPHER HAYHOW	09/26/2016
MATTHEW J. LINDON	09/26/2016
ALEXANDER G. PRESTON	09/26/2016
JONATHAN THOMAS SEAL	09/26/2016
IAN DAVID WALL	09/28/2016
ROBERT J. WATSON	09/26/2016
JAMES MICHAEL WOOLVEN	09/28/2016

RECEIVING PARTY DATA

Name:	GLAXOSMITHKLINE INTELLECTUAL PROPERTY (NO.2) 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:	15757199

CORRESPONDENCE DATA

Fax Number: (610)917-6934

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.

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Email: US_CIPKOP@GSK.com

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Address Line 2: GLOBAL PATENTS - UP4110

PATENT

Address Line 4: COLLEGEVILLE, PENNSYLVANIA 19426

ATTORNEY DOCKET NUMBER: PB65939

NAME OF SUBMITTER: SUVIAN NESMITH

SIGNATURE: /Suvian Nesmith/

DATE SIGNED: 05/08/2019

Total Attachments: 8

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ASSIGNMENT

WHEREAS I/WE, **Stephen John ATKINSON** a citizen of United Kingdom of Stevenage, Hertfordshire, United Kingdom, **Helen Elizabeth AYLOTT** a citizen of United Kingdom of Stevenage, Hertfordshire, United Kingdom, **Anthony William James COOPER** a citizen of United Kingdom of Stevenage, Hertfordshire, United Kingdom, **Emmanuel Hubert DEMONT** a citizen of France of Stevenage, Hertfordshire, United Kingdom, **Lee Andrew HARRISON** a citizen of United Kingdom of Stevenage, Hertfordshire, United Kingdom, **Thomas George Christopher HAYHOW** a citizen of United Kingdom of c/o Stevenage, Hertfordshire, United Kingdom, **Matthew J LINDON** a citizen of United Kingdom of Stevenage, Hertfordshire, United Kingdom, **Alexander G PRESTON** a citizen of United Kingdom of Stevenage, Hertfordshire, United Kingdom, **Jonathan Thomas SEAL** a citizen of United Kingdom of Stevenage, Hertfordshire, United Kingdom, **Ian David WALL** a citizen of United Kingdom of Stevenage, Hertfordshire, United Kingdom, **Robert J WATSON** a citizen of United Kingdom of Stevenage, Hertfordshire, United Kingdom and **James Michael WOOLVEN** a citizen of United Kingdom of Stevenage, Hertfordshire, United Kingdom (hereinafter called "the inventor(s)") have invented or discovered certain improvements in "Compounds" (hereinafter referred to as "the invention and improvements") for which priority application **62/213137** was filed on **02 Sep 2015** in the **United States**, and for which a PCT international application **PCT/EP2016/070519** was filed on **31 Aug 2016**, 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 **GLAXOSMITHKLINE INTELLECTUAL PROPERTY (NO.2) 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,


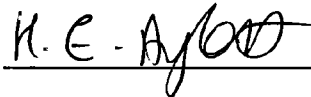
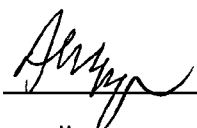
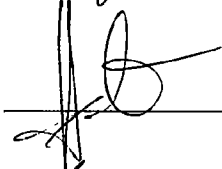
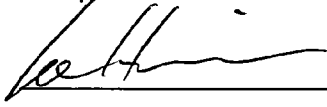
NOW, THEREFORE, to all whom it may concern be it known that I/we, the inventor(s), hereby confirm the ownership by GLAXOSMITHKLINE SERVICES UNLIMITED of the invention and improvements and the application by operation of law and, if under the law of the United States of America I/we the inventor(s) have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

GLAXOSMITHKLINE RESEARCH AND DEVELOPMENT LIMITED in turn hereby assigns and transfers to **GLAXOSMITHKLINE INTELLECTUAL PROPERTY (NO.2) 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 **GLAXOSMITHKLINE INTELLECTUAL PROPERTY (NO.2) 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 GLAXOSMITHKLINE INTELLECTUAL PROPERTY (NO 2) LIMITED to provide information and make execute and deliver any and

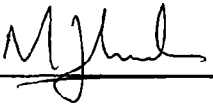
all other instruments in writing, and any and all further acts, applications, papers, affidavits, assignments and other documents which may be possible and are necessary or desirable to more effectually secure to and vest in **GLAXOSMITHKLINE INTELLECTUAL PROPERTY (NO.2) LIMITED**, its successors and 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 **02 Sep 2015**, the inventor(s) and the Attorney & Authorised Official of **GLAXOSMITHKLINE SERVICES UNLIMITED** and **GLAXOSMITHKLINE RESEARCH AND DEVELOPMENT LIMITED** and **GLAXOSMITHKLINE INTELLECTUAL PROPERTY (NO 2) LIMITED** have hereunto set their respective hands


Inventor Name	Signature	Date
Stephen John ATKINSON:		26 th SEPTEMBER, 2016
Helen Elizabeth AYLOTT:		27 th September 2016
Anthony William James COOPER:		27 th September 2016
Emmanuel Hubert DEMONT:		26 th September 2016
Lee Andrew HARRISON:		26 th September 2016

**Thomas George Christopher
HAYHOW:**


Matthew J LINDON:

 26th SEPTEMBER 2016,


Alexander G PRESTON:

 26-SEPTEMBER-2016,

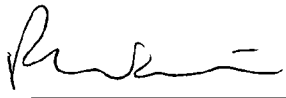
Jonathan Thomas SEAL:

 26th SEPTEMBER 2016

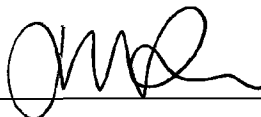
Ian David WALL:

 28th SEPTEMBER 2016

Robert J WATSON:

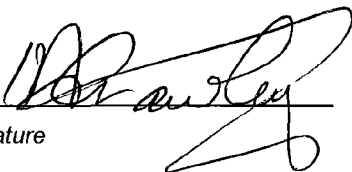
 26th September 2016

James Michael WOOLVEN:

 28th September 2016

Karen A CRAWLEY

SIGNED by _____ As the Attorney &
Authorised Official of GLAXOSMITHKLINE SERVICES UNLIMITED and GLAXOSMITHKLINE RESEARCH
AND DEVELOPMENT LIMITED and GLAXOSMITHKLINE INTELLECTUAL PROPERTY (NO 2) LIMITED:


Signature

Date: 06 OCT 2016

ASSIGNMENT

WHEREAS I/WE, **Stephen John ATKINSON** a citizen of United Kingdom of Stevenage, Hertfordshire, United Kingdom, **Helen Elizabeth AYLOTT** a citizen of United Kingdom of Stevenage, Hertfordshire, United Kingdom, **Anthony William James COOPER** a citizen of United Kingdom of Stevenage, Hertfordshire, United Kingdom, **Emmanuel Hubert DEMONT** a citizen of France of Stevenage, Hertfordshire, United Kingdom, **Lee Andrew HARRISON** a citizen of United Kingdom of Stevenage, Hertfordshire, United Kingdom, **Thomas George Christopher HAYHOW** a citizen of United Kingdom of c/o Stevenage, Hertfordshire, United Kingdom, **Matthew J LINDON** a citizen of United Kingdom of Stevenage, Hertfordshire, United Kingdom, **Alexander G PRESTON** a citizen of United Kingdom of Stevenage, Hertfordshire, United Kingdom, **Jonathan Thomas SEAL** a citizen of United Kingdom of Stevenage, Hertfordshire, United Kingdom, **Ian David WALL** a citizen of United Kingdom of Stevenage, Hertfordshire, United Kingdom, **Robert J WATSON** a citizen of United Kingdom of Stevenage, Hertfordshire, United Kingdom and **James Michael WOOLVEN** a citizen of United Kingdom of Stevenage, Hertfordshire, United Kingdom (hereinafter called "the inventor(s)") have invented or discovered certain improvements in "**Compounds**" (hereinafter referred to as "the invention and improvements") for which priority application **62/213137** was filed on **02 Sep 2015** in the **United States**, and for which a PCT international application **PCT/EP2016/070519** was filed on **31 Aug 2016**, 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 **GLAXOSMITHKLINE INTELLECTUAL PROPERTY (NO.2) 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 in and to the application

GLAXOSMITHKLINE RESEARCH AND DEVELOPMENT LIMITED in turn hereby assigns and transfers to **GLAXOSMITHKLINE INTELLECTUAL PROPERTY (NO.2) 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 **GLAXOSMITHKLINE INTELLECTUAL PROPERTY (NO.2) 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 GLAXOSMITHKLINE INTELLECTUAL PROPERTY (NO 2) 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 **GLAXOSMITHKLINE INTELLECTUAL PROPERTY (NO.2) 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 **02 Sep 2015**, the inventor(s) and the Attorney & Authorised Official of GLAXOSMITHKLINE SERVICES UNLIMITED and GLAXOSMITHKLINE RESEARCH AND DEVELOPMENT LIMITED and GLAXOSMITHKLINE INTELLECTUAL PROPERTY (NO 2) LIMITED have hereunto set their respective hands

Inventor Name

Signature

Date

Stephen John ATKINSON:

Helen Elizabeth AYLOTT:

**Anthony William James
COOPER:**

Emmanuel Hubert DEMONT:

Lee Andrew HARRISON:

**Thomas George Christopher
HAYHOW:**

T. Kgl 26 Sep 16.

Matthew J LINDON:

Alexander G PRESTON:

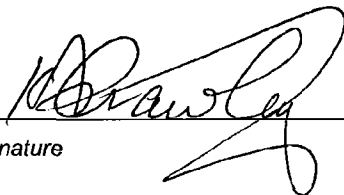
Jonathan Thomas SEAL:

Ian David WALL:

Robert J WATSON:

James Michael WOOLVEN:

SIGNED by **Karen A CRAWLEY** _____ As the Attorney &
Authorised Official of GLAXOSMITHKLINE SERVICES UNLIMITED and GLAXOSMITHKLINE RESEARCH
AND DEVELOPMENT LIMITED and GLAXOSMITHKLINE INTELLECTUAL PROPERTY (NO 2) LIMITED:



Signature

Date: **06 OCT 2016**
