PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	

CONVEYING PARTY DATA

Name	Execution Date
Glaxo Group Limited	07/25/2013

RECEIVING PARTY DATA

Name:	GlaxoSmithKline Intellectual Property Development	
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:	13254034	

CORRESPONDENCE DATA

Fax Number: 9194837977

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Phone: 919-483-2370

Email: usciprtp@gsk.com

Correspondent Name: GlaxoSmithKline

Address Line 1: Five Moore Drive, PO Box 13398

Address Line 2: Mail STop: C2111.2F

Address Line 4: Research Triangle PK, NORTH CAROLINA 27709

ATTORNEY DOCKET NUMBER:	PR63542	
NAME OF SUBMITTER:	Elaine Martens	
Signature:	/Elaine Martens/	
Date:	07/25/2013	

Total Attachments: 6

PATENT REEL: 030875 FRAME: 0455 :H \$40.00 1325

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ASSIGNMENT

WE, GLAXO GROUP LIMITED, a company incorporated in England (Registration No. 305979) and having its registered office at 980 Great West Road, Brentford, Middlesex TW8 9GS do hereby declare that we are the sole owner of the US applications listed here;

Case No.	Country	Application No	Application Date	Filing Title
PB63542	US	13/254034	05-Mar-2010	4-OXADIAZOL-2 -YL- INDAZOLES AS INHIBITORS OF P13 KINASES
PB63542	US	61/158428	09-Mar-2009	NOVEL COMPOUNDS
PB63542	US	61/266355	03-Dec-2009	NOVEL COMPOUNDS

And, in accordance with the deed dated 31 December 2012 between GLAXO GROUP LIMITED and GLAXOSMITHKLINE INTELLECTUAL PROPERTY DEVELOPMENT LIMITED, for good and valuable consideration, the receipt of which is hereby acknowledged, we, GLAXO GROUP LIMITED hereby assign the entire right, title and interest and from which priority may be claimed from one or more applications, or any division, continuation and continuation-in-part of said application to in and to said patent application and all countries in which this/ these application(s) are filed to:

GLAXOSMITHKLINE INTELLECTUAL PROPERTY DEVELOPMENT LIMITED of 980 Great West Road, Brentford, Middlesex TW8 9GS, England

Dated this 25 day of July 2013.

Signed for and on behalf of GLAXO GROUP LIMITED

John Lemanowicz

Authorized Official on behalf of GLAXO GROUP LIMITED

Signed for and on behalf of

GLAXOSMITHKLINE INTELLECTUAL PROPERTY DEVELOPMENT LIMITED

John Lemanowicz

Authorized Official on behalf of

GLAXOSMITHKLINE INTELLECTUAL PROPERTY DEVELOPMENT LIMITED

Power of Attorney

BY THIS POWER OF ATTORNEY given this Nineteenth day of June Two Thousand and Thirteen, Glaxo Group Limited, a company incorporated in England (Registration No. 00305979) and having its registered office at 980 Great West Road, Brentford, Middlesex TW8 9GS, England (hereinafter called "the Company"), HEREBY appoints all and any of its Directors, Secretary and Assistant Secretary for the time being, and CARL W. BATTLE, KAREN A. CRAWLEY, MARCUS J. W. DALTON, RICHARD L. EASEMAN, THEODORE R. FURMAN, EDWARD R. GIMMI, CHARLES M. KINZIG, JOHN L. LEMANOWICZ, LORRAINE B. LING, WILLIAM R. MAJARIAN, HELEN K. QUILLIN, ALAN SCRIVNER and RACHEL M. THORNLEY jointly and severally to be its true and lawful agents and attorneys (hereinafter called "the Attorneys," and each an "Attorney") on behalf and in the name of the Company or otherwise to do, perform, exercise or execute or concur with any other person or persons in doing, performing or exercising in or for any country or countries or jurisdiction in any part of the world all or any of the following powers, acts, deeds and things in connection with: letters patent, including extensions thereto (including supplementary protection certificates and the like); utility models; design rights; designs and all rights analogous thereto and all applications therefor, all of which are hereinafter called "Intellectual Property Rights", that is to say:

- In any country or countries or jurisdiction in any part of the world to make application
 or cause application to be made for the grant or issue or transfer to the Company or
 registration in its name of Intellectual Property Rights and to take all steps necessary
 for the same to be prosecuted, maintained, withdrawn, renewed, enforced, defended
 or extended.
- 2. As the act and deed of the Company to sign, seal, deliver and execute all or any assignments or assurances, licences to the Company of or under any Intellectual Property Rights or the right to and interest in any inventions to be the subject of Intellectual Property Rights for the purpose of fully and effectually vesting and transferring the same in and to the Company.
- 3. As the act and deed of the Company to sign, seal, deliver and execute all or any assignments and acceptances of the transfer or assignment of such rights, and also any licences, sub-licences and consents from the Company of or under any Intellectual Property Rights or the right to and interest in any invention to be the subject of Intellectual Property Rights, for the purpose of fully and effectually vesting transferring or granting the same in and to any entity, whether in any country or countries or jurisdiction in any part of the world, in so far as such documents can be executed without the Company's seal being affixed thereto. For purposes of this Power of Attorney, the term "entity" means, and includes, any person, firm or company or group of persons or unincorporated body.
- To commence, prosecute and defend any proceedings or applications whether judicial or extra judicial relating to Intellectual Property Rights and to maintain, withdraw or settle the same.
- 5. To act in regard to all official communications which may now or hereafter be addressed to the Attorneys relating to Intellectual Property Rights or the renewal thereof in such manner that the Attorneys may be recognised as the authorised agent(s) of the Company in all proceedings in relation thereto.
- 6. For and in connection with any Intellectual Property Rights to sign, seal, deliver and execute any Power of Attorney or other deed or document authorising any agent, including patent agents and attorneys, to act on behalf of the Company to the extent provided for in this Power of Attorney.

For all or any of the purposes contained herein as the act and deed of the Company 7. to sign, seal, deliver, execute and do all such documents, deeds, agreements, instruments and to do such acts as shall be requisite or may be deemed proper for or in relation to the said purposes.

It is hereby agreed that:

- (a) this Power of Attorney shall remain in force until 30 June 2015, or (in respect of any Attorney) until his or her employment by the GlaxoSmithKline group of companies ceases, or until revocation by the Company, whichever first occurs; and
- (b) in respect of any Attorney this Power of Attorney shall supersede and revoke with effect from the day and year first before written any Power of Attorney granted by the Company in favour of that Attorney covering all or some of the authorities herein contained.
- (c) nothing in this Power of Attorney shall grant the Attorneys any power to conclude any contract on behalf of the Company or otherwise to bind the Company, save to the extent expressly provided herein.
- (d) this Power of Attorney shall be construed, interpreted and governed by the laws of England. Any matter, claim or dispute arising out of or in connection with this Power of Attorney, whether contractual or non-contractual, is to be governed by and determined in accordance with English law.

AND THE COMPANY HEREBY RATIFIES and confirms and agrees to ratify and confirm all and whatsoever the Attorneys or any person, persons, firm or company appointed by them shall lawfully do or have done by virtue of the authorities herein contained.

AND THE COMPANY HEREBY INDEMNIFIES the Attorneys or any person, persons, firm or company appointed by them for all and whatsoever that they shall lawfully do or have done by virtue of the authorities herein contained.

AND THE COMPANY HEREBY DECLARES that all instruments executed under and by virtue of this Power shall be as valid and effectual as if executed as a deed by the Company or sealed by the Common Seal of the Company.

IN WITNESS whereof Glaxo Group Limited has caused its Common Seal to be hereunto affixed the day and year first before written.

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The COMMON SEAL of Glaxo Group Limited

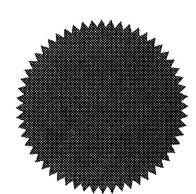
was hereto affixed in the presence of:

Director

Williamson thorland Signatory and on behalf of b Wellcoms Foundation Limited porats Director

Director

Authorised Signator, For and on behalf of Edinburgh Pharmaceutical Industries Caroling





THE COMPANIES ACT 2006

Company No. 305979

The Registrar of Companies for England and Wales hereby certifies that GLAXO GROUP LIMITED (originally called GLAXO LABORATORIES LIMITED which name was changed by resolution on 1st January 1962 to GLAXO GROUP LIMITED) was incorporated under the Companies Act 1929 as a limited company on 14th October 1935.

The Registrar further certified that according to the documents on the file of the company, the situation of the registered office address is 980 GREAT WEST ROAD, BRENTFORD, MIDDLESEX TW8 9GS.

Given at Companies House, the 22nd March 2013

K WHYMAN

for the Registrar of Companies



Power of Attorney

BY THIS POWER OF ATTORNEY given this 18th day of January two thousand and thirteen, GLAXOSMITHKLINE INTELLECTUAL PROPERTY DEVELOPMENT LIMITED, a company incorporated in England (Registration No. 8283222) and having its registered office at 980 Great West Road, Brentford, Middlesex TW8 9GS, England (hereinafter called "the Company"), HEREBY appoints all and any of its Directors, Secretary and Assistant Secretary for the time being, and CARL W. BATTLE, MARCUS J. W. DALTON, RICHARD L. EASEMAN, WENDY A. FILLER, THEODORE R. FURMAN, EDWARD R. GIMMI, CHARLES M. KINZIG, JOHN L. LEMANOWICZ, LORRAINE B. LING, WILLIAM R. MAJARIAN, HELEN K. QUILLIN, ALAN SCRIVNER and RACHEL M. THORNLEY jointly and severally to be its true and lawful agents and attorneys (hereinafter called "the Attorneys," and each an "Attorney") on behalf and in the name of the Company or otherwise to do, perform, exercise or execute or concur with any other person or persons in doing, performing or exercising in or for any country or countries or jurisdiction in any part of the world all or any of the following powers, acts, deeds and things in connection with: letters patent, including extensions thereto (including supplementary protection certificates and the like); utility models; design rights; designs and all rights analogous thereto and all applications therefor, all of which are hereinafter called "Intellectual Property Rights", that is to say:

- In any country or countries or jurisdiction in any part of the world to make application
 or cause application to be made for the grant or issue or transfer to the Company or
 registration in its name of Intellectual Property Rights and to take all steps necessary
 for the same to be prosecuted, maintained, withdrawn, renewed, enforced, defended
 or extended.
- 2. As the act and deed of the Company to sign, seal, deliver and execute all or any assignments or assurances, licences to the Company of or under any Intellectual Property Rights or the right to and interest in any inventions to be the subject of Intellectual Property Rights for the purpose of fully and effectually vesting and transferring the same in and to the Company.
- 3. As the act and deed of the Company to sign and execute all or any assignments and acceptances of the transfer or assignment of such rights, and also any licences, sublicences and consents from the Company of or under any Intellectual Property Rights or the right to and interest in any invention to be the subject of Intellectual Property Rights, for the purpose of fully and effectually vesting transferring or granting the same in and to any entity, whether in the United Kingdom or elsewhere, in so far as such documents can be executed without the Company's seal being affixed thereto. For purposes of this Power of Attorney, the terms "entity" means, and includes, any person, firm or company or group of persons or unincorporated body.
- 4. To commence, prosecute and defend any proceedings or applications whether judicial or extra judicial relating to Intellectual Property Rights and to maintain, withdraw or settle the same.
- 5. For and in connection with any Intellectual Property Rights to sign, seal, deliver and execute any Power of Attorney or other deed or document authorising any agent, including patent agents and attorneys, to act on behalf of the Company.
- 6. To act in regard to all official communications which may now or hereafter be addressed to the Attorneys relating to Intellectual Property Rights or the renewal thereof in such manner that the Attorneys may be recognised as the authorised agent(s) of the Company in all proceedings in relation thereto.
- 7. For all or any of the purposes contained herein as the act and deed of the Company to sign, seal, deliver, execute and do all such documents, deeds, agreements,

instruments and to do such acts as shall be requisite or may be deemed proper for or in relation to the said purposes.

It is hereby agreed that:

- (a) this power of attorney shall remain in force until 30 June 2015 or (in respect of any Attorney) until his or her employment by the GlaxoSmithKline group of companies ceases, or until revocation by the Company, whichever first occurs; and
- (b) in respect of any Attorney this power of attorney shall supersede and revoke with effect from the day and year first before written any power of attorney granted by the Company in favour of that Attorney covering all or some of the authorities herein contained.

This Power is valid only to the extent that the actions carried out by the Attorney (and where applicable his or her delegates) are in accordance with relevant national and international laws and the policies and procedures of the GlaxoSmithKline Group.

AND THE COMPANY HEREBY RATIFIES and confirms and agrees to ratify and confirm all and whatsoever the Attorneys or any person, persons, firm or company appointed by them shall lawfully do or have done by virtue of the authorities herein contained.

Pali Williamson Authorised Signatory For and on behalf of Edinburgh Procrinaceutical Industries Limited Corporate Director

> Elbir Kelly Sista uthorised Signatory or and on behalf of liaxo Group Limited process Director

> > PATENT REEL: 030875 FRAME: 0462

RECORDED: 07/25/2013