

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
GLAXOSMITHKLINE LLC	11/19/2010
RECEIVING PARTY DATA	
Name:	GLAXO GROUP LIMITED
Street Address:	Glaxo Wellcome House, Berkeley Avenue
City:	Greenford, Middlesex
State/Country:	UNITED KINGDOM
Postal Code:	UB6 0NN
PROPERTY NUMBERS Total: 1	
Property Type	Number
Patent Number:	5034394
CORRESPONDENCE DATA	
Fax Number:	(919)483-7977
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
Phone:	919-483-2370
Email:	USCIPRTP@GSK.COM
Correspondent Name:	GLAXOSMITHKLINE LLC, GLOBAL PATENTS
Address Line 1:	FIVE MOORE DRIVE, PO BOX 13398
Address Line 2:	Bide C2111.2F
Address Line 4:	RESEARCH TRIANGLE PK, NORTH CAROLINA 27709
ATTORNEY DOCKET NUMBER:	PB1198 US
NAME OF SUBMITTER:	ELAINE MARTENS
Total Attachments: 6 source=PB1198US assignment GSKLLC to GGL#page1.tif source=PB1198US assignment GSKLLC to GGL#page2.tif source=PB1198US assignment GSKLLC to GGL#page3.tif source=PB1198US assignment GSKLLC to GGL#page4.tif	

CH \$40.00 5034394

501359117

PATENT
REEL: 025398 FRAME: 0030

source=PB1198US assignment GSKLLC to GGL#page5.tif

source=PB1198US assignment GSKLLC to GGL#page6.tif

Assignment

WHEREAS, **GLAXOSMITHKLINE LLC**, a corporation organized and existing under and by virtue of the laws of the State of Delaware and having its registered address at Corporation Service Company, 2711 Centerville Rd., Suite 400 Wilmington, Delaware 19808 USA and trading office address at One Franklin Plaza, 200 North 16th Street, Philadelphia, Pennsylvania 19102, USA owns the whole rights, title and interest in **THERAPEUTIC NUCLEOSIDES** hereinafter referred to as said invention and improvements for which a United States patent application, 07/455201 was filed December 22 1989 in the United States Patent and Trademark office and granted under 5034394 on July 23 1991; for which a patent term extension was filed and extended under US patent number 5034394.

WHEREAS, **Glaxo Group Limited**, a corporation organized and existing under and by virtue of the laws of England and having its principal place of business at Glaxo Wellcome House, Berkeley Avenue, Greenford, Middlesex UB6 0NN England is desirous of acquiring the whole right, title and interest in and to said invention and improvements and said application, and in and to any Letters Patent to be obtained therefor, in the United States, its territories and possessions,

NOW, THEREFORE, to all whom it may concern, be it known that **GLAXOSMITHKLINE LLC** for good and valuable consideration unto me/us moving, the receipt whereof is hereby acknowledged, have sold, assigned and transferred, and by these presents do sell, assign and transfer my/our whole right, title and interest in and to said invention and improvements to said **Glaxo Group Limited**, throughout the United States of America, its territories and possessions, and in and to said application and any extensions, reissues, continuations, continuations-in-part, and any divisions thereof, and in and to any and all Letters Patent of the United States of America;

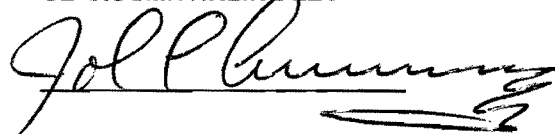
AND, I/we do hereby authorize and request the issue of any Letters Patent in the respective areas referred to, to said **Glaxo Group Limited**, as assignee of my/our whole right, title and interest in and to the same for the sole use and behalf of the said assignees, their successors and assigns as their interests appear herein;

AND, I/we warrant that I/we have not knowingly conveyed to others any right in said invention, improvements, applications or patents or any license to use the same or to make, use or sell anything embodying or utilizing said invention and improvements and that I/we have good right to assign the same to **Glaxo Group Limited**,

AND, I/we the undersigned **GLAXOSMITHKLINE LLC** for the consideration aforesaid, do hereby agree that I/we or my/our executors or legal representatives, will provide information and make, execute and deliver any and all other instruments in writing, and any and all further acts, application papers, affidavits, assignments and other documents which may be necessary or desirable to more effectually secure to and vest in said **Glaxo Group Limited**, their successors and assigns, the whole right, title and interest in and to the said invention and improvements, applications, Letters Patent, rights, title and interest hereby sold, assigned and conveyed, or intended so to be.

IN WITNESS whereof, John Lemanowicz, as Attorney of **GLAXOSMITHKLINE LLC C** and **Glaxo Group Limited** has hereunto set his respective hand.

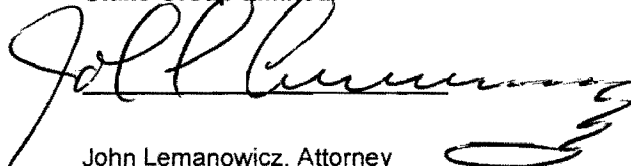
GLAXOSMITHKLINE LLC



John Lemanowicz, Attorney

Date: 11/19/10

Glaxo Group Limited



John Lemanowicz, Attorney

Date: 11/19/10

Power of Attorney

BY THIS POWER OF ATTORNEY given this 9th day of November 2009, **GLAXOSMITHKLINE LLC**, a company incorporated in Delaware (Registration No. 4746253) and having its trading office address at: One Franklin Plaza, 200 North 16th Street, Philadelphia, Pennsylvania 19102 USA and registered office address at: Corporation Service Company, 2711 Centerville Road, Suite 400, Wilmington, New Castle, Delaware 19808, USA (hereinafter called "the Company"), **HEREBY** appoints all and any of its Directors, Secretary and Assistant Secretary for the time being, and **SHERRY M. KNOWLES, MARCUS J. W. DALTON, HUGH B. DAWSON, PETER I. DOLTON, RICHARD L. EASEMAN, WENDY A. FILLER, THEODORE R. FURMAN, PETER J. GIDDINGS, EDWARD R. GIMMI, CHARLES M. KINZIG, JOHN L. LEMANOWICZ, LORRAINE B. LING, WILLIAM R. MAJARIAN, HELEN K. QUILLIN, ALAN SCRIVNER, and ARTHUR W. R. TYRRELL** 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:

1. 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, 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 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.

PATENT

REEL: 025398 FRAME: 0034

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 **December 31, 2010** 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.

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 DECLARES that all instruments executed under and by virtue of this Power shall be as valid and effectual as if sealed by the Common Seal of the Company.

IN WITNESS whereof **GLAXOSMITHKLINE LLC** has caused its Common Seal to be hereunto affixed the day and year first before written.

The **COMMON SEAL** of)
GLAXOSMITHKLINE LLC)
was hereto affixed in the presence of:)


Arlene M. SOTHERN
Assistant Secretary

Power of Attorney

BY THIS POWER OF ATTORNEY given this 8th day of December two thousand and nine **GLAXO GROUP LIMITED**, a company incorporated in England and Wales (Registration No. 305979) and having its registered office at Glaxo Wellcome House, Berkeley Avenue, Greenford, Middlesex, UB6 0NN, England (hereinafter called "the Company"), **HEREBY** appoints all and any of its Directors, Secretary and Assistant Secretary for the time being, and **SHERRY M. KNOWLES, MARCUS J. W. DALTON, HUGH B. DAWSON, PETER I. DOLTON, RICHARD L. EASEMAN, WENDY A. FILLER, THEODORE R. FURMAN, PETER J. GIDDINGS, EDWARD R. GIMMI, CHARLES M. KINZIG, JOHN L. LEMANOWICZ, LORRAINE B. LING, WILLIAM R. MAJARIAN, HELEN K. QUILLIN, ALAN SCRIVNER and ARTHUR W. R. TYRRELL** 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 therefore, all of which are hereinafter called "Intellectual Property Rights", that is to say:

1. 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, 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 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 31 December 2011 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

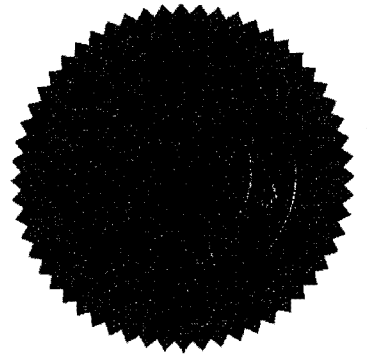
(b) in respect of any Attorney this power of attorney shall supersede and revoke with effect from the day and year first before written any power of attorney granted by the Company in favour of that Attorney covering all or some of the authorities herein contained.


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 DECLARES that all instruments executed under and by virtue of this Power shall be as valid and effectual as if 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.

The **COMMON SEAL** of
GLAXO GROUP LIMITED
was hereto affixed in the presence of:)
)
)





Director Paul Williamson
For and on behalf of
Edinburgh Pharmaceutical Industries Limited
Corporate Director



Secretary / Assistant Secretary

Paul Blackburn
Director