

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT												
NATURE OF CONVEYANCE:	ASSIGNMENT												
CONVEYING PARTY DATA													
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Douglas J DeMarini</td> <td>01/18/2012</td> </tr> <tr> <td>Ngocdiep T Le</td> <td>01/18/2012</td> </tr> </tbody> </table>		Name	Execution Date	Douglas J DeMarini	01/18/2012	Ngocdiep T Le	01/18/2012						
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RECEIVING PARTY DATA													
<table border="1"> <tr> <td>Name:</td> <td>GlaxoSmithKline LLC</td> </tr> <tr> <td>Street Address:</td> <td>One Franklin Plaza</td> </tr> <tr> <td>Internal Address:</td> <td>200 North 16th Street</td> </tr> <tr> <td>City:</td> <td>Philadelphia</td> </tr> <tr> <td>State/Country:</td> <td>PENNSYLVANIA</td> </tr> <tr> <td>Postal Code:</td> <td>19102</td> </tr> </table>		Name:	GlaxoSmithKline LLC	Street Address:	One Franklin Plaza	Internal Address:	200 North 16th Street	City:	Philadelphia	State/Country:	PENNSYLVANIA	Postal Code:	19102
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PROPERTY NUMBERS Total: 1													
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>PCT Number:</td> <td>US1166017</td> </tr> </tbody> </table>		Property Type	Number	PCT Number:	US1166017								
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CORRESPONDENCE DATA													
<p>Fax Number: (610)270-5090</p> <p>Phone: 610-270-6812</p> <p>Email: us_cipkop@gsk.com</p> <p><i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i></p> <p>Correspondent Name: GlaxoSmithKline</p> <p>Address Line 1: 709 Swedeland Road</p> <p>Address Line 2: UW2220</p> <p>Address Line 4: King of Prussia, PENNSYLVANIA 19406</p>													
ATTORNEY DOCKET NUMBER:	PU64460/LLC												
NAME OF SUBMITTER:	Deborah A. Becker												
<p>Total Attachments: 2</p> <p>source=PU64460 PCT WW Assignments#page1.tif</p> <p>source=PU64460 PCT WW Assignments#page2.tif</p>													

CH \$40.00 US1166017

Assignment

WHEREAS, I/we, **Douglas J. DeMARINI and Ngocdiep T. LE of 1250 South Collegeville Road, Collegeville, Pennsylvania 19406 USA**, both citizens of the United States of America has/have invented or discovered certain improvements in **COMBINATION** hereinafter referred to as said invention and improvements for which a priority application 61/424961 was filed on 20 December 2010 in the United States Patent and Trademark Office and for which a PCT international application is now being filed designating the United States of America and naming assignor as inventor, and in the United States only applicant/inventor.

PCT/US2011/066017 filed 20 December 2011

WHEREAS, **GLAXOSMITHKLINE LLC**, a company incorporated in the State of Delaware, USA, whose trading office is at One Franklin Plaza, 200 North 16th Street, Philadelphia, PA 19102, USA, is desirous of acquiring the whole right, title and interest in and to said invention and improvements, and in and to any applications for said invention and improvements and any Letters Patent to be obtained therefor, in all countries, including the United States, its territories and possessions;

NOW, THEREFORE, to all whom it may concern, be it known that I/we, **Douglas J. DeMARINI and Ngocdiep T. LE** 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 **GLAXOSMITHKLINE LLC**, 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, my/our whole right, title and interest in and to said invention and improvements to **GLAXOSMITHKLINE LLC**, in all other countries throughout the world, and in and to any applications in said other countries, and continuations-in-part, patents of addition, revalidation patents, patents of importation, registrations, and any renewals, extensions and divisions thereof, and in and to any and all Letters Patent of said all other countries which may be granted on said invention and improvements including any priority rights under the International Convention.

AND, I/we do hereby authorize and request the issue of any Letters Patent in the respective areas referred to, to said **GLAXOSMITHKLINE LLC**, as assignees of my/our whole right, title and interest in and

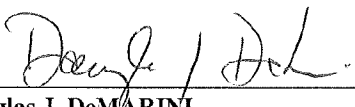
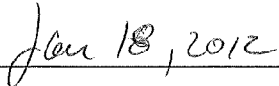
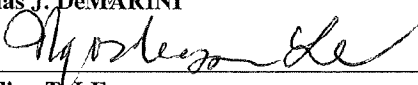
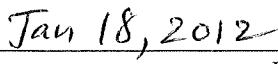
to the same for the sole use and behalf of the said assignees, their successors and assigns as their interests appear herein;

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

GLAXOSMITHKLINE LLC;

AND, I/we, the undersigned, **Douglas J. DeMARINI and Ngocdiep T. LE** 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 **GLAXOSMITHKLINE LLC**, 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. *This assignment should be deemed effective as of 20 December 2010.*

IN WITNESS WHEREOF, I/we have hereunto set my/our hand(s) and affixed my/our seal(s) on the date(s) indicated below.

	
Inventor: Douglas J. DeMARINI	Date
	
Inventor: Ngocdiep T. LE	Date