

**PATENT ASSIGNMENT**

Electronic Version v1.1  
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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
SmithKline Beecham Corporation	02/15/2010
GlaxoSmithKline LLC	02/15/2010
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	Novartis International Pharmaceutical Ltd.
<b>Street Address:</b>	131 Front Street
<b>City:</b>	Hamilton
<b>State/Country:</b>	BERMUDA
<b>Postal Code:</b>	HM 12
<b>PROPERTY NUMBERS Total: 3</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	60448795
<b>Application Number:</b>	10545352
<b>Patent Number:</b>	7514446
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(617)871-3392
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
<b>Phone:</b>	617.871.7347
<b>Email:</b>	ryan.dee@novartis.com
<b>Correspondent Name:</b>	Novartis Institutes for Biomedical Resea
<b>Address Line 1:</b>	220 Massachusetts Avenue
<b>Address Line 4:</b>	Cambridge, MASSACHUSETTS 02139
<b>ATTORNEY DOCKET NUMBER:</b>	54074
<b>NAME OF SUBMITTER:</b>	Mark E. Baron
Total Attachments: 4	

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**501159724**

**PATENT  
 REEL: 024294 FRAME: 0507**


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**EXECUTION VERSION**

**PATENT ASSIGNMENT AGREEMENT**

WHEREAS, SmithKline Beecham Corporation d/b/a GlaxoSmithKline, a corporation formerly organised and existing under the laws of the Commonwealth of Pennsylvania, and formerly having its registered address at One Franklin Plaza, 200 North 16<sup>th</sup> Street, Philadelphia, PA 19101, is the assignee of the patents and patent applications listed in Attachment 1 (the "Assigned Patents") hereto; and

WHEREAS on 27 October 2009 SmithKline Beecham Corporation redomiciled from Pennsylvania to Delaware, converted into a limited liability company and changed its name to GlaxoSmithKline LLC d/b/a GlaxoSmithKline (hereinafter "ASSIGNOR"), having its registered address at 2711 Centerville Road, Suite 400, Wilmington, New Castle, Delaware 19808;

WHEREAS, Novartis International Pharmaceutical Ltd., whose address is ~~Hurst Holme, 12 Trott Road, Hamilton, HM11~~, Bermuda (hereinafter "ASSIGNEE"), desires to acquire an interest in the Assigned Patents; *131 FRONT STR., HAMILTON HM 12* 

NOW, THEREFORE, to all whom it may concern be it known that for and in consideration of \$[REDACTED] to be paid by ASSIGNEE to ASSIGNOR within thirty (30) days of the latest date set forth below, the sufficiency and receipt of which is hereby acknowledged, ASSIGNOR does hereby sell, assign and transfer unto ASSIGNEE, its successors, assigns, and legal representatives, ASSIGNOR's entire right, title and interest in and throughout the United States of America, its territories and all foreign countries, in and to the invention(s) described in the Assigned Patents, together with ASSIGNOR's entire right, title and interest in and to said Assigned Patents, including but not limited to non-provisionals, continuations, divisionals, reissues, reexaminations, extensions, and substitutions thereof, and any right, title and interest ASSIGNOR may have in provisional applications to which said Assigned Patents claim priority;

ASSIGNOR hereby further agrees that ASSIGNOR will at the expense of the ASSIGNEE execute sign and do all such instruments applications documents acts and things as may be reasonably required by the ASSIGNEE (or the nominee of the ASSIGNEE) to enjoy the full benefit of the property and rights hereby assigned and to fully and effectively vest the same in the ASSIGNEE;

If ASSIGNEE elects to record this assignment or any other document or transfer with the appropriate United States or foreign governmental authorities or registries, ASSIGNEE shall bear the costs and fees associated with recording, but ASSIGNOR shall provide timely cooperation to ASSIGNEE as reasonably necessary;

[REDACTED]

**EXECUTION VERSION**

[REDACTED]

IN WITNESS WHEREOF, ASSIGNOR and ASSIGNEE have each caused this Patent Assignment Agreement to be executed by their respective duly authorised representatives as of the dates set forth below.

**Novartis International Pharmaceutical Ltd.**

**GlaxoSmithKline LLC**

By: H. I. Jivi M. T. Amisshah  
Name: H. S. Zivi M. T. Amisshah  
Title: Director Alternate Director

By: [Signature]  
Name: Edward R. GIMMI  
Title: Authorised Official

Date: 17 February 2010

Date: 15 February 2010

**EXECUTION VERSION**

**ATTACHMENT 1 to ASSIGNMENT**

**ASSIGNED PATENTS**

Country	Status	Application Number	Application Date	Patent Number	Grant Date	Expiration Date	Next Tax Due Date *
Belgium	Granted	04710264.5	11-Feb-2004	EP1597251	10-Jun-2009	11-Feb-2024	28-Feb-2011
France	Granted	04710264.5	11-Feb-2004	EP1597251	10-Jun-2009	11-Feb-2024	28-Feb-2011
Germany	Granted	04710264.5	11-Feb-2004	602004021472.8	10-Jun-2009	11-Feb-2024	28-Feb-2011
Great Britain	Granted	04710264.5	11-Feb-2004	EP1597251	10-Jun-2009	11-Feb-2024	28-Feb-2011
Italy	Granted	04710264.5	11-Feb-2004	EP1597251	10-Jun-2009	11-Feb-2024	28-Feb-2011
Japan	Filed	2006-503537	11-Feb-2004				
PCT	Inactive	PCT/US2004/004197	11-Feb-2004				-
Spain	Granted	04710264.5	11-Feb-2004	2325440	10-Jun-2009	11-Feb-2024	28-Feb-2011
United States	Inactive	60/448795	20-Feb-2003			20-Feb-2004	-
United States	Granted	10/545352	11-Feb-2004	7514446	07-Apr-2009	01-Apr-2025 <sup>s</sup>	07-Oct-2012

\* - renewal fees due 28 Feb 2010 have been paid  
§ - including 415 days patent term adjustment

NOTARIAL CERTIFICATE

TO ALL TO WHOM THESE PRESENTS SHALL COME:

I, **Michael L. Jones** of the City of Hamilton in the Islands of Bermuda, a Notary Public duly enrolled and qualified, practising in the City of Hamilton in the Islands of Bermuda aforesaid, **DO HEREBY CERTIFY** that the Patent Assignment Agreement annexed hereto has been duly executed by Henri Simon Zivi and M. Tonesan Amissah, a Directors and Alternate Director, respectively of **Novartis International Pharmaceutical Ltd.**, and that the signatures "H S Zivi" and "M T Amissah" appearing are the signatures and handwritings of the said Henri Simon Zivi and M. Tonesan Amissah.

IN TESTIMONY WHEREOF I, the said Notary Public, have hereto set my hand and Official Notarial Seal this 10th day of March, 2010.



NOTARY PUBLIC

**Michael L. Jones**  
Notary Public  
Canon's Court  
22 Victoria Street  
Hamilton HM 12  
Bermuda  
My Commission is unlimited as to time

