

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 70%;">Name</th> <th style="width: 30%;">Execution Date</th> </tr> </thead> <tbody> <tr> <td>Todd Donald Ebbett</td> <td>08/14/2008</td> </tr> <tr> <td>Rodney Gordon Walker</td> <td>08/14/2008</td> </tr> <tr> <td>Colin Anthony Standing</td> <td>08/14/2008</td> </tr> <tr> <td>Robert Brian Seaman</td> <td>05/26/2008</td> </tr> </tbody> </table>		Name	Execution Date	Todd Donald Ebbett	08/14/2008	Rodney Gordon Walker	08/14/2008	Colin Anthony Standing	08/14/2008	Robert Brian Seaman	05/26/2008
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RECEIVING PARTY DATA											
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;">Name:</td> <td>Novartis AG</td> </tr> <tr> <td>Street Address:</td> <td>Lichtstrasse 35</td> </tr> <tr> <td>City:</td> <td>4056 Basel</td> </tr> <tr> <td>State/Country:</td> <td>SWITZERLAND</td> </tr> </table>		Name:	Novartis AG	Street Address:	Lichtstrasse 35	City:	4056 Basel	State/Country:	SWITZERLAND		
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PROPERTY NUMBERS Total: 1											
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CORRESPONDENCE DATA											
<p>Fax Number: (336)387-1601 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 336-387-1601 Email: todd.sladek@novartis.com Correspondent Name: Todd Sladek Address Line 1: 3200 Northline Ave., Ste. 300 Address Line 2: Novartis Animal Health US, Inc. Address Line 4: Greenboro, NORTH CAROLINA 27408</p>											
ATTORNEY DOCKET NUMBER:	PAT052198-US-PCT										
NAME OF SUBMITTER:	Todd Sladek										
<p>Total Attachments: 7 source=Assignment 12666532#page1.tif</p>											

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ASSIGNMENT

For good and valuable consideration, the receipt and adequacy of which is hereby acknowledged, we

(1) Todd Donald EBBETT, (2) Rodney Gordon WALKER, (3) Colin Anthony STANDING, (4) Robert Brian SEAMAN

respectively residing at

(1) 9 Rata Street, Hamilton, New Hamilton, New Zealand,

(2) 35 Puketaha Road, RD1, Hamilton, New Zealand,

(3) 15 Roderick Place, Hamilton, New Zealand

(4) 2/1 McKell Street, Balmain, Sydney, Australia

do hereby sell, assign and transfer to **Novartis AG**, a company organized under the laws of the Swiss Confederation, of Lichtstrasse 35, 4056 Basel, Switzerland, and its successors, assigns and legal representatives, all our right, title and interest for all countries of the world, (Novartis AG hereinafter referred to as the "**ASSIGNEE**") in and to (1) all of our inventions and discoveries described in the patent application(s) entitled

DISPENSING MEANS WITH LOCKABLE DOSE ADJUSTER AND ONE WAY VALVE

filed* in the RO/EP on 13 JUNE, 2008, and accorded International Patent Application Number PCT EP08/057922, (2) said patent application(s), (3) all national stages of said international patent application, (4) all other patent applications in all countries and regions claiming the priority of the New Zealand, patent application filed on 25 June 2007 and accorded Application Number 556142, (5) all continuations and divisions of all of said patent applications (including further continuations and divisions such as, but not limited to, continuations of continuations and continuations of divisions), ((2)-(5) hereinafter referred to collectively as "patent applications"), (6) all patents that are granted on any of said patent applications, (7) all registrations and confirmations of, and importation certificates based on, one or more of said patents and (8) all reissues, renewals and extensions of said patents, reexamination certificates issued for said patents and supplementary protection certificates based on said patents (including the right to file patent applications on said inventions and discoveries in the names of **ASSIGNEE**, their designees or in any or all of our names, at their election and in accordance with applicable law in all countries and regions and all rights of priority in all countries and regions for all of said patent applications under the International Convention for the Protection of Industrial Property, and all other applicable similar international agreements), the same to be held and enjoyed by said **ASSIGNEE**, their successors, assigns and legal representatives, to the full ends of the terms for which all patents therefor may be granted, as fully and entirely as the same would have been held and enjoyed by us if this sale, assignment and transfer had not been made.

*We hereby authorize **ASSIGNEE** and their representatives to insert in this instrument the Application Number and the filing date of said patent application when notified thereof.

And we hereby covenant and agree that we will, at any time, upon the request and at the expense of **ASSIGNEE**, execute and deliver all documents that may be necessary or desirable to perfect the title to the foregoing inventions and discoveries, patent applications, patents, registrations, confirmations, importation certificates, reissues, renewals, extensions, reexamination certificates and supplementary protection certificates in **ASSIGNEE**, their successors, assigns or other legal representatives, including the execution and procurement of all further documents evidencing this sale, assignment and transfer as may be necessary or desirable for recording the same in the patent office or other intellectual property office, agency or the like of any country or region, that we will, at any time, upon the request and at the expense of **ASSIGNEE**, execute all additional patent applications, applications for registration and/or confirmation of one or more of said patents, applications for certificates of importation based on one or more of said patents, applications for reissues, renewals and extensions of one or more of said patents and supplemental protection certificates based upon one or more of said patents, and that we will make all rightful oaths and declarations and do all lawful acts requisite for procuring the same or for aiding therein, without further compensation, but at the expense of **ASSIGNEE**, the successors, assigns or other legal representatives.

Executed this 14 day of August, 2008.

Todd Donald EBBETT L.S.
Name: Todd Donald EBBETT

witness: SJS
Sandra Joy Sandford
Notary Public
Hamilton
New Zealand

Executed this 14 day of Aug, 2008.

Rodney Gordon WALKER L.S.
Name: Rodney Gordon WALKER

witness: SJS
Sandra Joy Sandford
Notary Public
Hamilton
New Zealand

Executed this 14 day of Aug, 2008.

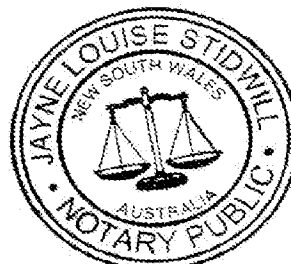
Colin Anthony STANDING L.S.
Name: Colin Anthony STANDING

witness: SJS
Sandra Joy Sandford
Notary Public
Hamilton
New Zealand

Executed this 26th day of MAY, 2008.

R. Seaman L.S.
Name: Robert Brian SEAMAN

Jayne Louise Stidwill
WITNESS
SOLICITOR AND NOTARY PUBLIC.

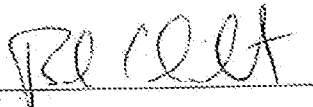


ACCEPTANCE OF ASSIGNMENT

With reference to the Assignment to **NOVARTIS AG** of an invention entitled "**DISPENSING MEANS WITH LOCKABLE DOSE ADJUSTER AND ONE WAY VALVE**" signed by Todd Donald EBBETT, Rodney Gordon WALKER, Colin Anthony STANDING and Robert Brian SEAMAN; this will certify that **NOVARTIS AG** accepts such Assignment.

NOVARTIS AG

By :



Name :

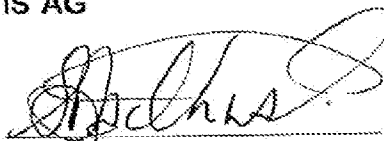
Bernd Liphardt

Function :

Senior Patent Attorney

Date:

20/11/08



Steve Braithwaite

Head of Patent Administration

**NOTARIAL CERTIFICATE AS TO EXECUTION OF
DOCUMENT**

**GLEBE
NEW SOUTH WALES**

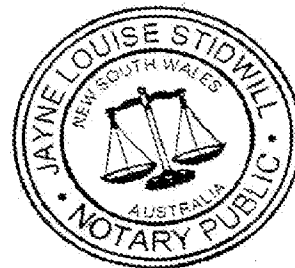
TO ALL TO WHOME THESE PRESENTS SHALL COME

I, **JAYNE LOUISE STIDWILL** of 17 Talfourd Street, Glebe in the State of New South Wales, NOTARY PUBLIC duly authorised admitted and sworn and practicing in the Village of Glebe, City of Sydney, in the State of New South Wales, Commonwealth of Australia DO HEREBY CERTIFY that I was present on the 26th day of May Two thousand and eight and did see ROBERT BRIAN SEAMAN, who has properly identified himself to me and who is the person named in the Assignment relating to Dispensing Means with Lockable Dose Adjuster and One Way Valve annexed hereto duly sign seal and deliver the said Assignment and that the name or signature thereto subscribed is in the proper handwriting of the said ROBERT BRIAN SEAMAN.

IN FAITH AND TESTIMONY whereof I
have hereunto subscribed my name and
affixed my seal of office at Glebe
aforesaid this twenty sixth day of May
Two Thousand and Eight.

Jayne Louise Stidwill

Notary Public



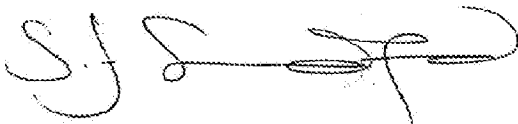
CERTIFICATE OF EXECUTION

TO ALL WHOM THESE PRESENTS SHALL COME

I, SANDRA JOY SANDFORD of Hamilton in New Zealand, Notary Public, duly authorised, admitted and sworn and practising within New Zealand, DO HEREBY CERTIFY that I was present at Hamilton on the 14th day of August 2008 and did see TODD DONALD EBBETT, RODNEY GORDON WALKER and COLIN ANTHONY STANDING named in the document annexed duly sign and execute the same (they having sufficiently identified themselves to me), and that the annexed instrument has been signed according to the relevant provisions of New Zealand law.

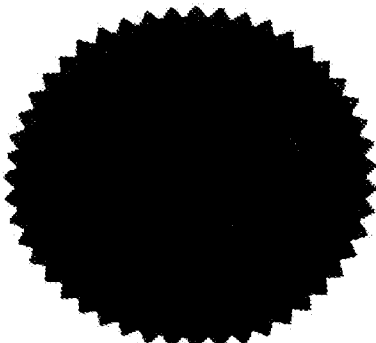
IN TESTIMONY whereof I have hereunto subscribed my name and affixed my seal of office at Hamilton aforesaid this 14th day of August 2008

In Faith and Testimony



Notary Public
Hamilton
New Zealand

Sandra Joy Sandford
Notary Public
Hamilton
New Zealand



Attestation

I, the undersigned notary public in Basel, Switzerland, Dr. Niklaus E. Schiess, certify herewith that the above signatures are the genuine signatures of **Dr. Bernd Liphardt**, German citizen, residing in Lörrach, Germany, and of **Mr. Steve Braithwaite**, British citizen, residing in Basel, Switzerland, both acting for **Novartis AG**, in Basel, Switzerland, both as proxy holders, both with joint signature.

The authenticity of the signatures was established by comparison.

BASEL, Switzerland, this 26th (twenty-sixth) day of November 2008 (two thousand and eight)



Dr. N.E. Schiess
Notar

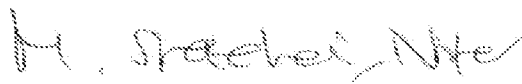


Leg. Prot. Nr. 100/2008

FOR CERTIFIED COPY

I, the undersigned Civil Law Notary in Basel, Switzerland, Dr. Matthias Staehelin, hereby certify that the document attached heretofore is a true and authentic photocopy of the original.

BASEL, Switzerland, this 11th (eleventh) day of November 2009 (two thousand and nine)



H. Staehelin

Dr. M. Staehelin
Notar

Leg.Prot.Nr. 2967 /2009

PATENT

RECORDED: 02/08/2010

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