

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Novartis Animal Health US, Inc.	07/17/2009
RECEIVING PARTY DATA	
Name:	Novartis AG
Street Address:	Lichtstrasse 35
City:	Basel
State/Country:	SWITZERLAND
Postal Code:	4056
PROPERTY NUMBERS Total: 1	
Property Type	Number
Patent Number:	7521476
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Total Attachments: 1 source=PAT032531USPCTAssignment#page1.tif	

CH \$40.00 7521476

ASSIGNMENT

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

Novartis Animal Health US, Inc.
3200 Northline Ave., Suite 300
Greensboro, North Carolina 27408
USA

does 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 (Novartis AG hereinafter referred to as the "**ASSIGNEE**") in and to the United States patent set forth below and the inventions claimed in:

United States Patent No. 7,521,476 (Ser. No. 10/518,210), filed November 21, 2005 and issued April 21, 2009,

to be held and enjoyed by said **ASSIGNEE**, their successors, assigns and legal representatives, to the full ends of the terms for which the patent is 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.

Executed this 17th day of July, 2009.

Name:

Brian Reeve
Vice President & General Counsel
Novartis Animal Health US, Inc.