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## 1. Name of conveying party(ies)

Paul BRITTON  
David CAVANAGH  
Ian TARPEY

## 2. Name and address of receiving party(ies)

Name: AKZO NOBEL N.V.

Internal Address: PATENT DEPARTMENT

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

## 3. Nature of conveyance/Execution Date(s):

Execution Date(s) August 18, 2005 &amp; September 2, 2005

- ☐ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Joint Research Agreement  
☐ Government Interest Assignment  
☐ Executive Order 9424, Confirmatory License  
☒ Other Correction of incorrect recordation

Street Address: Velperweg 76

City: 6824 BM Arnhem

State:

Country: Netherlands

Zip:

Additional name(s) & address(es) attached? ☐ Yes ☐ No

## 4. Application or patent number(s):

☐ This document is being filed together with a new application.

A. Patent Application No. (s)

B. Patent No. (s)

10/547,219

Additional numbers attached? ☐ Yes ☒ No

## 5. Name and address to whom correspondence concerning document should be mailed:

Name: William M. Blackstone

Internal Address: Intervet Inc., Patent Department

Street Address: 28160 Intervet Lane

City: Millsboro

State: DE Zip: 19966

Phone Number: (302) 933-4034

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Email Address:

## 6. Total number of applications and patents involved: one (1)

## 7. Total fee (37 CFR 1.21(h) &amp; 3.41) \$0.00

- ☐ Authorized to be charged by credit card  
☒ Authorized to be charged to deposit account  
☐ Enclosed  
☐ None required (government interest not affecting title)

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b. Deposit Account Number 02-2334

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## 9. Signature:

Signature

September 26, 2006  
Date

William M. Blackstone, Reg. No. 28,772

Name of Person Signing

Total number of pages including cover sheet, attachments, and documents: 7

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Attorney Docket: I-2003.001 US  
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PAGE 2

**1. Name of conveying party(ies)**

Paul BRITTON  
David CAVANAGH  
Ian TARPEY

**2. Name and address of receiving party(ies) continued**

Institute for Animal Health  
Compton, Newbury  
Berkshire RG20 7NN  
United Kingdom

**3. Nature of conveyance/Execution Date(s):**

Execution Dates: August 18, 2005 and September 2, 2005  
Assignment

**4. Application or patent number(s):**

10/547,219

2003.001 US

United States  
Assignment from Inventor

In consideration of one dollar ( \$ 1.00 ) and other good and valuable consideration, the receipt of which is hereby acknowledged, the undersigned Assignors:

**BRITTON, Paul**  
**Institute for Animal Health**  
**Compton, Newbury**  
**Berkshire RG20 7NN**  
**United Kingdom**

**CAVANAGH, David**  
**Institute for Animal Health**  
**Compton, Newbury**  
**Berkshire RG20 7NN**  
**United Kingdom**

**TARPEY, Ian**  
**12 The Quadrant**  
**St. Ives**  
**Cambridgeshire PE17 4PE**  
**United Kingdom**

hereby sell, assign and transfer to Assignees:

**Akzo Nobel N.V. and Institute for Animal Health**

its successors, assigns and legal representatives, the entire right, title and interest for the United States and all foreign countries, in and to, and any and all improvements which are disclosed in

(a) Patent Number \_\_\_\_\_ Dated \_\_\_\_\_

(b) Application for Letters Patent Serial No. \_\_\_\_\_, filed \_\_\_\_\_

(c) Application for Letters Patent which has been executed by the undersigned concurrently herewith and is entitled:

**"INFECTIOUS BRONCHITIS VIRUS WITH AN ALTERED SPIKE GENE"**

and in and to said application and all divisional, continuing, substitute, renewal, reissue and all other applications for Letters Patent which have been or shall be filed in the United States and all other foreign countries on any of said improvements; and in and to all original and reissued patents which have been or shall be issued in the United States and all foreign countries on said improvements.

The Assignee may apply for and receive the Letters Patent in its own name. When requested by the Assignee or its successors, the undersigned will execute all other patent applications; proper oaths; assignments; powers of attorney, or other papers and communicate all facts known to it relating to the improvements and the history thereof; and generally do everything possible which the Assignee or its successors shall consider desirable for aiding in securing and maintaining proper patent protection for the improvements and for vesting title in the Assignee or its successors.

Assignors warrant that they have the full right to convey the rights and property described herein and no assignment, grant, mortgage or license or other agreement affecting such rights and property has been made to other by the undersigned.

Assignor

By

**D. Cavanagh**

By

**P. Britton**

By

**I. Tarpey**

By

Before me this 2 day of September, 2005 personally appeared the above named individual(s) to me known to be the person(s) who (is) (are) described in and who executed the above instrument, and acknowledged to me that (he) (she) (they) executed the same of (his) (her) (their) own free will (on behalf of said firm or corporation) for the purposes therein set forth.

By

Type name

Address

**Geoff Odham**  
**GEOFF ODHAM**  
**INSTITUTE FOR ANIMAL HEALTH**  
**COMPTON BERKSHIRE UK RG20 7NN**

2003.001 US

United States  
Assignment from Inventor

In consideration of one dollar ( \$ 1.00 ) and other good and valuable consideration, the receipt of which is hereby acknowledged, the undersigned Assignors:

**BRITTON, Paul**  
**Institute for Animal Health**  
**Compton, Newbury**  
**Berkshire RG20 7NN**  
**United Kingdom**

**CAVANAGH, David**  
**Institute for Animal Health**  
**Compton, Newbury**  
**Berkshire RG20 7NN**  
**United Kingdom**

**TARPEY, Ian**  
**12 The Quadrant**  
**St. Ives**  
**Cambridgeshire PE17 4PE**  
**United Kingdom**

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**Akzo Nobel N.V. and Institute for Animal Health**

its successors, assigns and legal representatives, the entire right, title and interest for the United States and all foreign countries, in and to, and any and all improvements which are disclosed in

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The Assignee may apply for and receive the Letters Patent in its own name. When requested by the Assignee or its successors, the undersigned will execute all other patent applications; proper oaths; assignments; powers of attorney, or other papers and communicate all facts known to it relating to the improvements and the history thereof; and generally do everything possible which the Assignee or its successors shall consider desirable for aiding in securing and maintaining proper patent protection for the improvements and for vesting title in the Assignee or its successors.

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Type name

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