

I-1997.267 US D1

Form PTO-1595 (Rev. 07/05)
OMB No. 0651-0027 (exp. 6/30/2008)

U.S. DEPARTMENT OF COMMERCE
United States Patent and Trademark Office

**RECORDATION FORM COVER SHEET
PATENTS ONLY**

To the Director of the U.S. Patent and Trademark Office. Please record the attached documents or the new address(es) below.

1. Name of conveying party(ies)

Ruud Phillip Antoon Maria SEGERS
Joachim FREY

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

2. Name and address of receiving party(ies)

Name: Akzo Nobel N.V.

Internal Address: Patent Department

Street Address: Velperweg 76

City: 6824 BM Arnhem

State: _____

Country: Netherlands

Zip: _____

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

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

Execution Date(s) March 25, 1998 and March 31, 1998

- Assignment Merger
 Security Agreement Change of Name
 Joint Research Agreement
 Government Interest Assignment
 Executive Order 9424, Confirmatory License
 Other

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)

6,783,764

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: 29160 Intervet Lane

City: Millsboro

State: DE

Zip: 19966

Phone Number: 302-934-4317

Fax Number: 302-934-4305

Email Address: _____

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 1.21(h) & 3.41) \$40.00

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

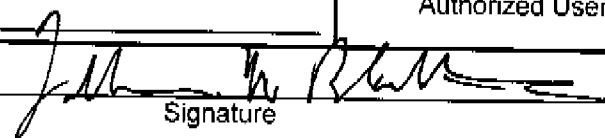
8. Payment Information

a. Credit Card Last 4 Numbers _____
Expiration Date _____

b. Deposit Account Number 02-2334

Authorized User Name Diane Payne

9. Signature:


Signature

September 8, 2006
Date

William M. Blackstone, PTO Reg. No. 29,772
Name of Person Signing

Total number of pages including cover sheet, attachments, and documents: 5

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to: Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1460, Alexandria, V.A. 22313-1460

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 Assignor:

*Ruud, Philip, Antoon, Maria, Segers
Joachim Frey*

hereby sell, assign and transfer to Assignee:

Akzo Nobel N.V.

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: "*Live attenuated bacteria of the species Actinobacillus pleuropneumoniae.*"

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 everyting 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 liccnsc or other agreement affecting such rights and property has been made to other by the undersigned.

Assignor
By _____
SEGERS, R.P.A.M.
By _____
FREY, J.
By _____

Before me this 25th day of MARCH, 1998 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 A. Pennings
Type name
Address By level dsingel 43, 6521 AP Nijmegen

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 Assignor:

*Ruud, Philip, Antoon, Maria, Segers
Joachim Frey*

hereby sell, assign and transfer to Assignee:

Akzo Nobel N.V.

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: "Live attenuated bacteria of the species *Actinobacillus pleuropneumoniae*."

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 _____
SEGERS, R.P.A.M.

By _____
FREY, J.

By _____
[Signature]

Before me this 31 day of March, 1998 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 *S. Rodriguez*
Type name *Sesismundo Rodriguez*
Address *Hobbesweg 51 3059 Schijndijk*

PATENT