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HEET

U.S. DEPARTMENT OF COMMERCE

Patent and Trademark Office

OMB No. 0651-0011 (exp. 4/94)



Case H-32112A

To the Honorable Commissic

103378847

he attached original documents or copy thereof.

## 1. Name of conveying party(ies):

Thomas Goebel

Pierre Ducray

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

Name: Novartis Animal Health US, Inc.Street Address: 3200 Northline AvenueCity: Greensboro State: North Carolina ZIP: 27408Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

## 3. Nature of conveyance:

☒ Assignment☐ Merger☐ Security Agreement☐ Change of Name☐ Other \_\_\_\_\_Execution Date: January 13, 2004Additional name(s) & address(es) attached? ☐ Yes ☒ No

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

If this document is being filed together with a new application, the execution date of the application is: \_\_\_\_\_

## A. Patent Application No.(s)

10/487,167

## B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

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

Name: NovartisInternal Address: Corporate Intellectual PropertyStreet Address: One Health Plaza, Building 104City: East Hanover State: NJ ZIP: 07936-10806. Total number of applications and patents involved: 17. Total fee (37 CFR 3.41) \$ 40☐ Enclosed☒ Authorized to be charged to deposit account and any other additional fees required.

## 8. Deposit account number:

19-0134 (in the name of Novartis)

(Attach duplicate copy of this page if paying by deposit account)

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## 9. Statement and signature.

*To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.*Edward J. Wilusz, Jr.

Name of Person Signing

Reg. No. 52,370

Signature

March 2, 2007

Date

☒ Certificate of Express Mail belowTotal number of pages including cover sheet, attachments, and document: 2

Mail documents to be recorded with required cover sheet information to:

Director of the US Patent and Trademark Office, Alexandria, VA 22313-1450

03/05/2007 NJAMA1 00000177 190134 10487167

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UNDER 37 CFR 1.10

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March 2, 2007  
Date of Deposit

PATENT

REEL: 019004 FRAME: 0939

ASSIGNMENT

I / We **Thomas GOEBEL**  
**Pierre DUCRAY**

for good and valuable consideration, the receipt and adequacy of which is hereby acknowledged, do hereby sell and assign to **Novartis Animal Health US, Inc., a Delaware corporation, of 3200 Northline Avenue, Greensboro, North Carolina 27408, U.S.A.**, its successors, assigns and legal representatives all my/our right, title and interest, in and for the United States of America, in and to the invention entitled:

**CARBONYLOXY-CYANOMETHYL COMPOUNDS AS ANTIPARASITIC AGENTS**

invented by me/us and described in the international application

No. **PCT/EP 02/11087** filed **02.10.2002**

and all United States Letters Patent which may be granted therefor, and all divisions, reissues, continuations and extensions thereof, the said interest being the entire ownership of the said Letters Patent when granted, to be held and enjoyed by the said **Novartis Animal Health US, Inc.** its successors, assigns or other legal representatives, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held and enjoyed by me/us if this assignment and sale had not been made;

And I/we hereby authorize and request the Commissioner of Patents and Trademarks to issue said Letters Patent to the said **Novartis Animal Health US, Inc.**

Signed on

  
\_\_\_\_\_  
**Thomas GOEBEL**

13.01.2004

  
\_\_\_\_\_  
**Pierre DUCRAY**

13.01.2004