

08-25-2004

REC



DEPARTMENT OF COMMERCE

(37 C.F.R. §§ 3.28 &amp; 3.31)

102821408

U.S. Patent and Trademark Office

To the Director: Please record the attached copy of the original document.

Submission Type:

☒ New☐ Resubmission (Non-Recordation)

Document ID No. \_\_\_\_\_

☐ Correction of PTO Error

Reel No. \_\_\_\_\_ Frame No. \_\_\_\_\_

☐ Corrective Document

Reel No. \_\_\_\_\_ Frame No. \_\_\_\_\_

Nature of Conveyance:

☒ Assignment☐ License☐ Security Agreement☐ Merger☐ Change of Name☐ Other: \_\_\_\_\_

Name of Conveying Party:

First or Sole Name: PATRICK G. HALBUR

☐ Additional names of conveying parties attached

Execution Date: 06182004

Name and Address of Receiving Party:

Iowa State University Research Foundation, Inc.

310 Lab of Mechanics

Ames, IA 50011-2131

☐ Additional names of receiving parties attachedPatent Application Number(s) or Patent Number(s): ☐ Additional numbers attached

A. Patent Application Number: 10808964 OR B. Patent Number:

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

Total number of pages of attached copy of conveyance document including any attachments: 2

Correspondent Name and Address:

Anne M. Rosenblum, Esq.  
163 Delaware Avenue – Suite 212  
Delmar, NY 12054

Tel. (518) 475-0611

Total Number of Applications and Patents  
Involved: 1

Total Fee (37 C.F.R. § 3.41): \$40.00

☐ Enclosed☒ Charge to Deposit Account No.: 01-1425Authorization To Charge Recordation and Any  
Additional Fees:☒ Yes☐ No

Duplicate Copy of Cover Sheet is Attached:

☒ Yes☐ No

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. Charges to deposit account for recordation fees and any additional fees are authorized, as indicated herein.

Anne M. Rosenblum - Registration No. 30,419

Date

08/24/2004 ECDOPER 00000038 011425 10808964

01 FC:8021

40.00 DA

PATENT  
REEL: 015716 FRAME: 0444

## ASSIGNMENT OF INVENTION

**WHEREAS, I, Patrick G. Halbur, residing at 3211 Kingman Road, Ames, IA 50014,** hereinafter referred to as the Assignor, have co-invented with **Xiang-Jin Meng, of Blacksburg, VA, and Martijn Fenaux, of Redwood City, CA** certain new and useful improvements in **CHIMERIC INFECTIOUS DNA CLONES, CHIMERIC PORCINE CIRCOVIRUSES AND USES THEREOF** for which a nonprovisional application for United States Letters Patent, bearing U.S. Application No. **10/808,964**, was filed on **March 25, 2004**; and

**WHEREAS,** Iowa State University Research Foundation, Inc., a nonprofit research management corporation organized under the laws of Iowa and having an office and principal place of business at 310 Lab of Mechanics, Ames, IA 50011-2131, hereinafter referred to as the Assignee, is desirous of acquiring the Assignor's undivided right, title and interest in, to and under said application and said invention and in, to and under Letters Patent or similar legal protection to be obtained therefor in the United States and in any and all foreign countries.

**NOW THIS INDENTURE WITNESSETH:** That in consideration of the payment by Assignee to me of the sum of One Dollar (\$1.00), the receipt and sufficiency of which is hereby acknowledged, and for other good and valuable consideration, I hereby assign, sell and transfer unto the Assignee, its lawful successors and assigns, my undivided right, title and interest in and to said invention in the United States and its territorial possessions and in all foreign countries, including all rights to claim priority, and to all Letters Patent or similar legal protection in the United States and its territorial possessions and in any and all foreign countries to be obtained for said invention by said application or any continuation, division, continuation-in-part, reexamination, renewal, substitute, extension or reissue thereof or any legal equivalent thereof in a foreign country for the full term or terms for which the same may be granted; and authorize and request the Commissioner of Patents of the United States and any official of any foreign country whose duty it is to issue patents or legal equivalents thereto, to issue same for this invention to the Assignee of the inventor of record, its lawful successors and assigns, pursuant to 35 U.S.C. § 152.

I hereby grant to Assignee the right to apply in its own name for patents or inventor's certificates corresponding to the above invention in foreign countries.

I hereby covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment and sale.

**AND I** hereby further agree to promptly provide Assignee, upon its request, with all pertinent facts and documents relating to said application, said invention, said Letters Patent and said legal equivalents in foreign countries as may be known and accessible to me and to testify as to the same in any interference or litigation related thereto and to promptly execute and deliver to Assignee or its legal representative any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention, said Letters Patent, said continuation, division, continuation-in-part, reexamination, renewal, substitute, extension or reissue thereof, and said equivalents thereof in any foreign country which may be necessary or desirable to carry out the purposes thereof, and to perform such further acts as may be required to

carry out the intent of this agreement as the Assignee shall hereafter require and prepare at Assignee's expense.

Signed:

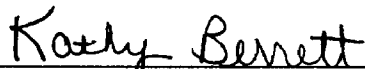


Patrick G. Halbur

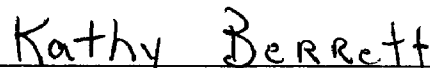
Dated

6-18-04

Witnessed by:



(Signature)



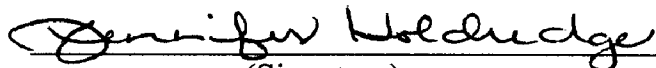
(Print Name)

111 8<sup>th</sup> Street

(Street Address)

Ames Iowa 50010

(City, State, Zip Code)



(Signature)

JENNIFER HOLDREDGE

(Print Name)

1282 PRAIRIE DRIVE

(Street Address)

STORY CITY, IA 50248

(City, State, Zip Code)