

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT						
NATURE OF CONVEYANCE:	ASSIGNMENT						
CONVEYING PARTY DATA							
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Xiang-Jin Meng</td> <td>01/13/2003</td> </tr> <tr> <td>Martijn Fenaux</td> <td>01/13/2003</td> </tr> </tbody> </table>		Name	Execution Date	Xiang-Jin Meng	01/13/2003	Martijn Fenaux	01/13/2003
Name	Execution Date						
Xiang-Jin Meng	01/13/2003						
Martijn Fenaux	01/13/2003						
RECEIVING PARTY DATA							
Name:	Virginia Polytechnic Institute and State University						
Street Address:	301 Burruss Hall						
City:	Blacksburg						
State/Country:	VIRGINIA						
Postal Code:	24061						
PROPERTY NUMBERS Total: 1							
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>12539540</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	12539540		
Property Type	Number						
Application Number:	12539540						
CORRESPONDENCE DATA							
Fax Number:	5409515292						
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>							
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ATTORNEY DOCKET NUMBER:	01.119 DIV						
NAME OF SUBMITTER:	Mark S. Coburn						
Signature:	/Mark S. Coburn/						
Date:	07/18/2013						
Total Attachments: 2 source=01.119 Assign Inv to VT#page1.tif source=01.119 Assign Inv to VT#page2.tif							

OP \$40.00 12539540

ASSIGNMENT OF INVENTION

WHEREAS, we, Xiang-Jin Meng, residing at 401 Craig Drive, Blacksburg, VA 24060 and Martijn Fenaux, residing at 440 Buckskin Road, Blacksburg, VA 24060, hereinafter referred to as the Assignors, have co-invented with Patrick G. Halbur of Ames, IA 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. 10/314,512, was filed on December 9, 2002; and

WHEREAS, Virginia Polytechnic Institute and State University, an institute of higher education organized under the laws of the Commonwealth of Virginia, having an office and principal place of business at 301 Burruss Hall, Blacksburg, VA 24061, hereinafter referred to as the Assignee, is desirous of acquiring the Assignors' 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 us of the sum of One Dollar (\$1.00), the receipt and sufficiency of which is hereby acknowledged, and for other good and valuable consideration, we hereby assign, sell and transfer unto the Assignee, its lawful successors and assigns, our 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.

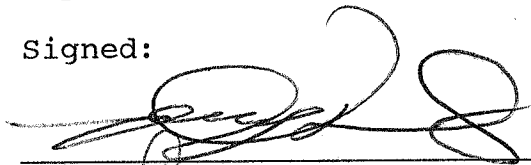
WE hereby grant to Assignee the right to apply in its own name for patents or inventor's certificates corresponding to the above invention in foreign countries.

WE 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 WE 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 us 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:



Xiang-Jin Meng


Dated 01/13/03



Martijn Renaux

Dated 01/13/03

Witnessed by:



(Signature)

Fang-Fang Huang

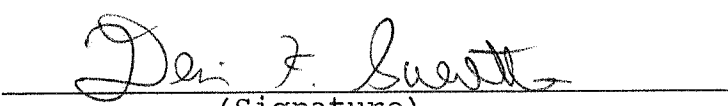
(Print Name)

701 Appalachian Dr. #8

(Street Address)

Blacksburg, VA, 24060

(City, State, Zip Code)



(Signature)

DENIS K. GUENETTE

(Print Name)

2808 OLD FORT RD

(Street Address)

BLACKSBURG VA 24060

(City, State, Zip Code)