

PATENT ASSIGNMENT

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SUBMISSION TYPE:

NEW ASSIGNMENT

NATURE OF CONVEYANCE:

ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Francis McNeilly	09/22/1998

RECEIVING PARTY DATA

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PROPERTY NUMBERS Total: 1

Property Type	Number
Patent Number:	6391314

CORRESPONDENCE DATA

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PATENT

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REEL: 017507 FRAME: 0080

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ATTORNEY DOCKET NUMBER:	574313-2180.1
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NAME OF SUBMITTER:	Thomas J. Kowalski
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FROMMER LAWRENCE & HAUG LLP  
Atty. Ref. No.: 574313-2180.1  
Serial No.: 09/161,092  
Filed: September 25, 1998  
Patent No.: 6,391,314  
Issue Date: May 21, 2002

### ASSIGNMENT

I, **Francis McNEILLY**, who resides at: 4 Lisleen Place, Newtownards, BT3 4NH, Northern Ireland, United Kingdom, have made certain inventions or discoveries (or both) set forth in an application for Letters Patent of the United States of America entitled: **PORCINE CIRCOVIRUSES, VACCINES AND DIAGNOSTIC REAGENTS**, which application was filed in the United States Patent and Trademark Office on September 25, 1998 as Serial No. 09/161,092, now U.S. Patent No. 6,391,314, and the **THE QUEEN'S UNIVERSITY OF BELFAST, MERIAL, and UNIVERSITY OF SASKATCHEWAN**, jointly, whose addresses are: **Stoney Road, Stormont, Belfast BT4 3SD ROYAUME UNI; 17 rue Bourgelat 69002 Lyon, France and, 52 Campus Drive, Saskatoon, SK S7W 5B4 CANADA**, respectively, and which, together with their successors and assigns is hereinafter called "Assignee," are desirous of acquiring the title, rights, benefits and privileges hereinafter recited, and of confirming the same or any part thereof heretofore acquired by Assignee.

Now, therefore, for valuable consideration furnished by Assignee to us, receipt and sufficiency of which I hereby acknowledge, I hereby, without reservation:

1. Assign and convey to and confirm in Assignee the entire right, title and interest in and to said inventions and discoveries, said application for Letters Patent of the United States of America, any and all other applications for Letters Patent on said inventions and discoveries in whatsoever countries, including all divisional, renewal, substitute, continuation and Convention applications based in whole or in part upon said inventions or discoveries or upon said applications, and any and all Letters Patent and reissues and extensions of Letters Patent granted for said inventions and discoveries or upon said applications, and every priority right that is or may be predicated upon or arise from said inventions, said discoveries, said applications and said Letters Patent;
2. Authorize Assignee to file patent applications in any or all countries on any or all of said inventions and discoveries in my name or in the name of Assignee or otherwise as Assignee may deem advisable, under the International Convention or otherwise;
3. Authorize and request the Commissioner of Patents of the United States of America and the empowered officials of all other governments to issue or transfer all said Letters Patent to Assignee, as assignee of the entire right, title and interest therein or otherwise as Assignee may direct;

4. Warrant that I have not knowingly conveyed to others any right in said inventions, discoveries, applications or patents or any license to use the same or to make, use or sell anything embodying or utilizing any of said inventions or discoveries; and that I have good right to assign the same to Assignee without encumbrance;

5. Bind my heirs and legal representatives, as well as myself to do, upon Assignee's request and at its expense, but without additional consideration to us or them, all acts reasonably serving to assure that the said inventions and discoveries, the said patent applications and the said Letters Patent shall be held and enjoyed by Assignee as fully and entirely as the same could have been held and enjoyed by me or my heirs or representatives if this assignment had not been made; and particularly to execute and deliver to Assignee all lawful application documents including petitions, specifications, and oaths, and all assignments, disclaimers, and lawful affidavits in form and substance as may be requested by Assignee; to communicate to Assignee all facts known to me relating to said inventions and discoveries or the history thereof; and to furnish Assignee with any and all documents, photographs, models, samples and other physical exhibits in my control or in the control of my heirs or legal representatives and which may be useful for establishing the facts of my conceptions, disclosures, and reduction to practice of said inventions and discoveries.

The effective date of this instrument is the 25th day of September 1998.

In testimony of which I have affixed my signature.

  
Francis McNEILLY

MCNEILLY ASGN TO ALL 2180.1 (00359802)

TOTAL P.05