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FLH Ref. No.: 454313-2180

FORM PTO-1595
(Rev. 6-93)

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Catherine Elisabeth CHARREYRE and Gilles Emile CHAPPUIS

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☐ Yes ☒ No

2. Name and address of receiving party(ies)

Name: Merial

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: Lyon, France

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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) 09/082,558, filed May 21, 1998 B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

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

Name: WILLIAM S. FROMMER

Internal Address: FROMMER LAWRENCE & HAUG LLP

Street Address: 745 Fifth Avenue

City: New York State: NY Zip: 10151

6. Total number of applications and patents involved.....1

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

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April 1, 1999

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PATENT
REEL: 9917 FRAME: 0471



10-08-1998



FLH Ref. No.: 454313-2180

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(Rev. 6-93)100846468
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1. Name of conveying party(ies)

Elisabeth CHARREYRE and Gilles Emile CHAPPUIS

Additional name(s) of conveying party(ies) attached?

☐ Yes ☒ No

2. Name and address of receiving party(ies)

Name: Merial

Internal Address: 1/17 rue Bourgelat 69002
Lyon, France

3. Nature of conveyance:

- ☒ Assignment
☐ Security Agreement
☐ Merger
☐ Change of Name
☐ Other

Execution Date: June 5, 1998

Additional 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) 09/082,558, filed May 21, 1998 B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

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

Name: WILLIAM S. FROMMER

Internal Address: FROMMER LAWRENCE & HAUG LLP

Street Address: 745 Fifth Avenue

City: New York State: NY Zip: 10151

6. Total number of applications and patents involved.....1

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

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September 8, 1998

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PATENT
REEL: 9917 FRAME: 0472

FROMMER LAWRENCE & HAUG LLP
File No.: 454313-2180
Serial No.: 09/082,558
Filed: May 21, 1998

ASSIGNMENT

We Catherine Elisabeth CHARREYRE and Gilles Emile CHAPPUIS, who reside at: 42, Rue Ferdinand Gauthier 69720 Saint-Laurent de Mure, France and 3, Rue Laurent Vibert, 69006 Lyon, France have made certain inventions or discoveries (or both) set forth in an application for Letters Patent of the United States of America entitled: **NEW PORCINE CIRCOVIRUSES, VACCINES AND DIAGNOSTIC REAGENTS**, which application was filed in the United States Patent and Trademark Office on May 21, 1998 as Serial No. 09/082,588 and Merial, whose address is 1/17 rue Bourgelat 69002 Lyon, France, and which, together with its successors and assigns is hereinafter called "Assignee," is 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 we hereby acknowledge, we 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 our names 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 we 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 we have good right to assign the same to Assignee without encumbrance;

5. Bind our heirs and legal representatives, as well as ourselves 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 us or our 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 us 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 our control or in the control of our heirs or legal representatives and which may be useful for establishing the facts of our conceptions, disclosures, and reduction to practice of said inventions and discoveries.

The effective date of this instrument is the 5th day of June, 1998.

In testimony of which we have affixed our signatures.


Catherine Elisabeth CHARREYRE


Gilles Emile CHAPPUIS