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FLH Ref. No.: 454313-2210



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1. Name of conveying party(ies)
Jean-Christophe AUDONNET, Michel BUBLLOT and Michel RIVIERE
Additional name(s) of conveying party(ies) attached?
 Yes No

2. Name and address of receiving party(ies)
Name: **Merial**
Internal Address: **17, rue Bourgelat
69002, Lyon, FRANCE**

3. Nature of conveyance:
 Assignment
 Security Agreement
 Merger
 Change of Name
 Other
Execution Date: **February 1, 1999**

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) **09/219,932, filed December 23, 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: **FROMMER LAWRENCE & HAUG LLP**
Internal Address: **745 FIFTH AVENUE
NEW YORK, NEW YORK 10151**

6. Total number of applications and patents involved.....**1**
7. Total fee (37 CFR 3.41).....\$ **40.00**
 Enclosed
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8. Deposit account number: **50-0320**
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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.

WILLIAM S. FROMMER

February 12, 1999

Name of Person Signing

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FROMMER LAWRENCE & HAUG LLP. File No.: 454313-2210 Serial No.: 09/219,932 Filing Date: December 23, 1998

ASSIGNMENT

We, Jean-Christophe AUDONNET, Michel BUBLOT and Michel RIVIERE, residing at 119, rue de Créqui, 69006 Lyon, France, 18 bis, rue Sartorelli, 69290 St. Genis Les Olieres France and 11, chemin du Chancellier, 69130 Ecully France have made certain inventions or discoveries (or both) set forth in an application for Letters Patent of the United States of America entitled: **AVIAN RECOMBINANT LIVE VACCINE USING, AS VECTOR, THE AVIAN INFECTIOUS LARYNGOTRACHEITIS VIRUS**, United States Serial No. 09/219,932, filed December 23, 1998, and Merial, a corporation of France, whose address is 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 me, receipt and sufficiency of which we hereby acknowledge, we hereby, without reservation:

We. 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 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 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

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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 last date noted below.

In testimony of which I have affixed our signatures.

February 1st, 1999

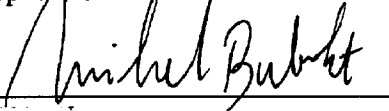
Date



Jean-Christophe AUDONNET

February 1st, 1999

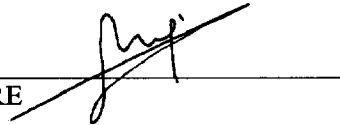
Date



Michel BUBLÔT

February 1st, 1999

Date



Michel RIVIERE