

FORM PTO-1595
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10-23-2000

U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office



101493884

To the Honorable Commissioner

1. Name of conveying party(ies)

John Albert ELLIS
Gordon Allan MOORE
Brian MEEHAN
Edward CLARK
Deborah HAINES
Lori HASSARD
John HARDING
Catherine CHARREYRE
Emile Gilles CHAPPUIS
Steve George KRAKOWKA
Jean-Christophe Francis AUDONNET
Francis MCNEILLY

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

Yes No

3. Nature of conveyance:

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

Execution Date: September 12, 2000; September 12, 2000;
September 12, 2000; September 12, 2000;
September 12, 2000; September 12, 2000;
September 12, 2000; September 12, 2000;
September 12, 2000; September 12, 2000;
September 12, 2000; September 12, 2000;

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and

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Street Address: **52 Campus Drive**
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and

Name: **THE QUEEN'S UNIVERSITY OF BELFAST**
Street Address: **Stoney Road**
Stormont, Belfast Bt4 3sd, UNITED KINGDOM

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) **09/583,350** B. Patent No.(s)
Additional numbers attached? Yes No

URD 10-6-00

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

Name: **WILLIAM S. FROMMER, ESQ.**
THOMAS J. KOWALSKI, ESQ.
Internal Address: **FROMMER LAWRENCE & HAUG LLP.**
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6. Total number of applications and patents involved.....**1**

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

Enclosed
 Authorized to be charged to deposit account #50-0320

8. Deposit account number: **50-0320**
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9. 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.

WILLIAM S. FROMMER, ESQ.

October 4, 2000

Name of Person Signing

William S. Frommer
Signature

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PATENT
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A S S I G N M E N T

Version 151564

1/ John Albert Ellis- 2/ Gordon Moore Allan- 3/ Brian Meehan- 4/ Edward
WHEREAS, Clark- 5/ Deborah Haines- 6/ Lori Hassard- 7/ John Harding- 8/ Catherine
Elisabeth Charreyre - 9/ Gilles Emile Chappuis- 10/ George Steve Krakowka - 11/ Jean
Christophe Francis Audonnet - 12/ Francis Mc NEILLY

residing at

1/ 812, 13th street E., Saskatoon, SK S7N 0M3 - CANADA
2/ 51, Cabinhill Gds, Belfast, N. IRELAND - Great Britain
3 to 12 : ... P.T.O.

have/has invented certain new and useful improvements in

"Prevention of Myocarditis, abortion and intrauterine infection associated with porcine
Circovirus-2".

for which I/we make/have made application for Letters Patent in the
United States of America; and

WHEREAS, 1/ MERIAL - 17 rue Bourgelat - 69002 LYON France
2/ UNIVERSITY OF SASKATCHEWAN (52 Campus Drive, SASKATOON, SK S7W 5B4

Canada-3/THE QUEEN'S UNIVERSITY OF BELFAST, (Stoney Road, Stormont, BELFAST BT4 3SD United Kingdom)
is/are desirous of acquiring the entire right, title and interest in
and to the aforesaid invention and application, executed by me/us on
September 12, 2000

and, all Letters Patent that may be obtained therefor and thereupon
and all reissues and extensions thereof.

NOW, THEREFORE, in consideration of the sum of One Dollar
(\$1.00) and other good and valuable consideration, the receipt and
sufficiency of which is hereby acknowledged, I/we by these presents
do sell, assign and transfer unto said 1/MERIAL - 2/ UNIVERSITY OF SASKATCHEWAN-
3/ THE QUEEN'S UNIVERSITY OF BELFAST

its successors, legal representatives and assigns, the full and
exclusive right, title and interest in and to the said invention and
in and to said application for Letters Patent of the United States
therefor, and in and to any and all United States Letters Patent and
reissues and extensions thereof that may be issued for the said
invention together with the right to file for and obtain patents
throughout the world, to have and to hold for its own use and behoof
and the use and behoof of its successors and assigns as fully and
entirely as the same would have been held by me/us had this Assignment
and sale not been made, and I/we hereby request the Commissioner of
Patents to issue said Letters Patent and reissues and extensions
thereof to said assignee as the assignee of the entire right, title
and interest.

IN TESTIMONY WHEREOF I/We have hereunto set my/our hand
this 12th day of September 2000

John Albert ELLIS



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