To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies): Gilles Gosselin, Jean-Louis Imbach, And Martin Bryant

Additional name(s) of conveying party(ies) attached? □ Yes   □ No

2. Name and address of receiving party(ies):

Name: Novirio Pharmaceuticals Limited
Foreign Address: c/o Walker Secretaries
Walker House
Grand Cayman, Cayman Islands

Domestic Address:
City:     State:     ZIP:

Additional name(s) or address(es) attached? □ Yes   □ No

3. Nature of Conveyance:
□ Assignment    □ Merger
□ Security Agreement   □ Change of Name
Other
Execution Date: 8/20/99, 8/20/99, and 9/3/99

4. Application number(s) or patent numbers(s):
If this document is being filed together with a new application, the execution date of the application is: 6/24/99

A. Patent Application No.(s) 60/131,352, 60/096,110 and 09/371,747

B Patent Registration No. (s)

Additional numbers attached? □ Yes   □ No

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

Name: Sherry M. Knowles, Esq.

191 Peachtree Street
Atlanta, Georgia 30303-1763

Telephone No.: 404-572-4600
Facsimile No.: 404-572-5100

6. Number of applications and patents involved:

    three

7. Total fee (37 CFR 3.41): $ 80

    □ Enclosed
    □ Authorized to be charged to deposit account

8. Deposit account number

11-0980

(Attach duplicate copy of this page if paying by deposit account):


To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy of the original document.

Jacqueline Haley

Signature: 

Date: September 22, 1999

Total number of pages comprising cover Sheet: 2
Second Applicant:

Centre National De La Recherche Scientifique
3, Rue Michel-ange
75794, Paris, cedex 16, France
ASSIGNMENT

WHEREAS, WE, GILLES GOSSELIN, JEAN-LOUIS IMBACH, AND MARTIN BRYANT have invented certain improvements in “β-L-2’-Deoxy-Nucleosides for the Treatment of Hepatitis B” for which we have executed United States provisional application nos. 60/131,352 and 60/096,110 which were filed on April 28, 1999 and August 10, 1998 respectively; and U.S. Application No. 09/371,747 which was filed on August 10, 1999 and

WHEREAS, NOVIRIO PHARMACEUTICALS LIMITED, a Cayman Island corporation having an office at c/o Walker Secretaries, Walker House, Grand Cayman, Cayman Islands desires to purchase same;

NOW, THEREFORE, in consideration of the sum of Five Dollars ($5.00) and other good and valuable consideration paid by NOVIRIO PHARMACEUTICALS, LIMITED, the receipt and sufficiency of which are hereby acknowledged, I, MARTIN BRYANT, have sold, assigned, transferred and conveyed and by these presents do hereby sell, assign, transfer and convey unto NOVIRIO PHARMACEUTICALS, LIMITED, in and for the United States and its territories and for foreign countries, the entire right, title and interest in and to said provisional application and said application for United States Letters Patent, in and to the invention therein set forth and in and to any patent which may issue on said provisional applications for United States Letters Patent or any application, reissue, renewal, division, continuation or continuation-in-part thereof; and I hereby bind myself, my heirs, legal representatives, administrators and assigns properly to execute without further consideration, any and all applications, petitions, oaths and assignments or other papers and instruments which may be necessary in order to carry into full force and effect the sale, assignment, transfer and conveyance hereby made or intended to be made.

06171.105005
IN WITNESS WHEREOF, I have hereunto set my hand and seal this 3rd day of September, 1999.

[Signature]

MARTIN BRYANT

STATE OF Massachusetts  
)  ss.
COUNTY OF  

On this 3rd day of September, 1999, before me, a notary public, came [Signature], to me known and known to be the individual described in and who executed the foregoing assignment, and he duly acknowledged the same to be his free act and deed.

[Signature]

Notary Public

(SEAL) My commission expires: 2/17/06

06171.105005

PATENT
REEL: 010271 FRAME: 0728
WHEREAS, WE, GILLES GOSSELIN, JEAN-LOUIS IMBACH, AND MARTIN BRYANT have invented certain improvements in “β-L-2’-Deoxy-Nucleosides for the Treatment of Hepatitis B” for which we have executed United States provisional application nos. 60/131,352 and 60/096,110 which were filed on April 28, 1999 and August 10, 1998 respectively; and U.S. Application No. 09/371,747 which was filed on August 10, 1999 and

WHEREAS, Centre National Da La Recherche Scientifique (CNRS), a public agency operating under the supervisory authority of France’s Ministry of Research and Technology, located at 3, Rue Michel-ange 75794, Paris, cedex 16, France desires to purchase same;

NOW, THEREFORE, in consideration of the sum of Five Dollars ($5.00) and other good and valuable consideration paid by Centre National Da La Recherche Scientifique, the receipt and sufficiency of which are hereby acknowledged, I, GILLES GOSSELIN, have sold, assigned, transferred and conveyed and by these presents do hereby sell, assign, transfer and convey unto Centre National Da La Recherche Scientifique, in and for the United States and its territories and for foreign countries, the entire right, title and interest in and to said provisional application and said application for United States Letters Patent, in and to the invention therein set forth and in and to any patent which may issue on said provisional applications for United States Letters Patent or any application, reissue, renewal, division, continuation or continuation-in-part thereof; and I hereby bind myself, my heirs, legal representatives, administrators and assigns properly to execute without further consideration, any and all applications, petitions, oaths and assignments or other papers and instruments which may be necessary in order to carry into full force and effect the sale, assignment, transfer and conveyance hereby made or intended to be made.
IN WITNESS WHEREOF, I have hereunto set my hand and seal this 20 day of August, 1999.

________________________
GILLES GOSSELIN

On this 20 day of August, 1999, before me, a notary public, came GILLES GOSSELIN, to me known and known to be the individual described in and who executed the foregoing assignment, and he duly acknowledged the same to be his free act and deed.

________________________
Notary Public

(SEAL)

My commission expires: ____________
ASSIGNMENT

WHEREAS, WE, GILLES GOSSELIN, JEAN-LOUIS IMBACH, AND MARTIN BRYANT have invented certain improvements in “β-L-2’-Deoxy-Nucleosides for the Treatment of Hepatitis B” for which we have executed United States provisional application nos. 60/131,352 and 60/096,110 which were filed on April 28, 1999 and August 10, 1998 respectively; and U.S. Application No. 09/371,747 which was filed on August 10, 1999 and

WHEREAS, Centre National Da La Recherche Scientifique (CNRS) a public agency operating under the supervisory authority of France’s Ministry of Research and Technology, located at 3, Rue Michel-ange 75794, Paris, cedex 16, France desires to purchase same;

NOW, THEREFORE, in consideration of the sum of Five Dollars ($5.00) and other good and valuable consideration paid by Centre National Da La Recherche Scientifique, the receipt and sufficiency of which are hereby acknowledged, I, JEAN-LOUIS IMBACH, have sold, assigned, transferred and conveyed and by these presents do hereby sell, assign, transfer and convey unto Centre National Da La Recherche Scientifique, in and for the United States and its territories and for foreign countries, the entire right, title and interest in and to said provisional application and said application for United States Letters Patent, in and to the invention therein set forth and in and to any patent which may issue on said provisional applications for United States Letters Patent or any application, reissue, renewal, division, continuation or continuation-in-part thereof; and I hereby bind myself, my heirs, legal representatives, administrators and assigns properly to execute without further consideration, any and all applications, petitions, oaths and assignments or other papers and instruments which may be necessary in order to carry into full force and effect the sale, assignment, transfer and conveyance hereby made or intended to be made.

06171.105005
to be made.

IN WITNESS WHEREOF, I have hereunto set my hand and seal this 20 day of

August, 1999.


JEAN-LOUIS IMBACH

On this 20 day of August, 1999, before me, a notary public, came
Jean-Louis Imbach, to me known and known to be the individual described in and who executed the foregoing assignment, and he duly acknowledged the same to be his free act and deed.

Notary Public

(SEAL)

My commission expires:________________

Société Civile Professionnelle
André SIMONNET
Philippe OLIVIER
Vincent CAPELA-LABORDE
Notaires Associés
14, Rue Foch - B.P. 2032
34023 MONTPELLIER Cedex