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Patent and Trademark Office

8-30-02

102214271

To the Director of the United States Patent and Trademark Office: Please record the attached original documents or copies thereof.

1. Name of conveying party(ies):  
 John C. Olsen  
 Kyriacos Andreou Mitrophanous  
 Jonathan Rohll  
 Alan John Kingsman  
 Fiona Margaret Ellard

Additional conveying party(ies) NO

2. Name and address of receiving party(ies):  
 Oxford Biomedica (UK) Limited  
 Medaware Centre  
 Robert Robinson Ave.  
 The Oxford Science Park, Oxford  
 United Kingdom OX4 4GA

and

The Univ. of North Carolina at Chapel Hill  
 308 Bynum Hall  
 Chapel Hill, North Carolina 27599

3. Nature of conveyance:  
 ASSIGNMENT

Execution Date:  
 8/12/02; 6/19/02; 6/11/02

Additional name(s) & address(es) attached? NO

4. Application number(s) or patent number(s):

If this is being filed together with a new application, the execution date of the application is:

A. Patent Application Number(s):  
 10/134,643

B. Patent Number(s):  
 PATENT\_NO

Additional numbers attached? NO

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

Michele M. Simkin  
 FOLEY & LARDNER  
 Washington Harbour  
 3000 K Street, N.W., Suite 500  
 Washington, D.C. 20007-5143

6. Total number of applications/patents involved: 1

7. Total fee (37 C.F.R. § 3.41): \$40.00

Check Enclosed

Charge to deposit account

8. Deposit account number: 19-0741

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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. The Commissioner is hereby authorized to charge any additional recordation fees which may be required in this matter to the above-identified deposit account.*

Michele M. Simkin

Aug 30, 2002

Name of person signing

Signature

Date

Total number of pages including cover sheet, attachments, and document: 11

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For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, each undersigned inventor has sold and assigned, and by these presents hereby sells and assigns, unto

**OXFORD BIOMEDICA (UK) LIMITED**  
Medaware Centre, Robert Robinson Avenue  
The Oxford Science Park, Oxford, United Kingdom OX4 4GA

and

**THE UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL**  
308 Bynum Hall  
Chapel Hill, North Carolina 27599-4105

(hereinafter ASSIGNEE) all right, title and interest for the United States, its territories and possessions in and to this invention relating to

***METHOD FOR PRODUCING HIGH TITRE VECTORS AND COMPOSITIONS  
USED IN SUCH METHODS***

- check one*
- executed concurrently herewith
  - executed on \_\_\_\_\_
  - Serial No. \_\_\_\_\_ Filed August 30, 2001

in and to said United States Patent Application including any and all divisions or continuations thereof and in and to any and all Letters Patent of the United States which may issue on any such application or for said invention, including any and all reissues or extensions thereof, to be held and enjoyed by said ASSIGNEE, its successors, legal representatives and assigns to the full end of the term or terms for which any and all such Letters Patent may be granted as fully and entirely as would have been held and enjoyed by the undersigned had this Assignment not been made;

Each of the undersigned hereby authorizes and requests the Commissioner of Patents and Trademarks to issue any and all such Letters Patent to said ASSIGNEE, its successors or assigns in accordance herewith;

Each of the undersigned warrants and covenants that he has the full and unencumbered right to sell and assign the interests herein sold and assigned and that he has not executed and will not execute any document or instrument in conflict herewith;

Each of the undersigned further covenants and agrees he will communicate to said ASSIGNEE, its successors, legal representatives or assigns all information known to him relating to said invention or patent application and that he will execute and deliver any

papers, make all rightful oaths, testify in any legal proceedings and perform all other lawful acts deemed necessary or desirable by said ASSIGNEE, its successors, legal representatives or assigns to perfect title to said invention, to said application including divisions and continuations thereof and to any and all Letters Patent which may be granted therefor or thereon, including reissues or extensions, in said ASSIGNEE, its successors, or assigns or to assist said ASSIGNEE, its successors, legal representatives or assigns in obtaining, reissuing or enforcing Letters Patent of the United States for said invention;

Each of the undersigned hereby grants the firm of FOLEY & LARDNER the power to insert in this Assignment any further identification which may be necessary or desirable to comply with the rules of the U.S. Patent and Trademark Office for recordation of this Assignment.

NAMES AND SIGNATURES OF INVENTORS

Name: John C. OLSEN	Signature: <i>John C. Olsen</i>	Date: AUG 12, 2002
Name: Kyriacos A. MITROPHANOUS	Signature:	Date:
Name: Jonathan ROHLL	Signature:	Date:
Name: Alan J. KINGSMAN	Signature:	Date:
Name: Fionna M. ELLARD	Signature:	Date:

NAMES AND SIGNATURES OF WITNESSES

Name: <i>Jendia Goodwin</i>	Signature: <i>Jendia Goodwin</i>	Date: 8/12/02
Name:	Signature:	Date:

Note: *Prima facie* evidence of execution may optionally be obtained by execution of this document before a U.S. Consul or before a local officer authorized to administer oaths whose authority is proved by a certificate from a U.S. Consul.

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<i>NAMES AND SIGNATURES OF INVENTORS</i>		
Name: John C. OLSEN	Signature:	Date:
Name: Kyriacos A. MITROPHANOUS	Signature:	Date:
Name: Jonathan ROHLL	Signature: <i>J. R. Rohll</i>	Date: <i>19 June 2002</i>
Name: Alan J. KINGSMAN	Signature:	Date:
Name: Fiona M. ELLARD	Signature:	Date:
<i>NAMES AND SIGNATURES OF WITNESSES</i>		
Name: <i>H. Roehl</i>	Signature: <i>H. Roehl</i>	Date: <i>19 June 2002</i>
Name:	Signature:	Date:

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<i>NAMES AND SIGNATURES OF INVENTORS</i>		
Name: John C. OLSEN	Signature:	Date:
Name: Kyriacos A. MITROPHANOUS	Signature: <i>K. Mitrophanous</i>	Date: 11/6/02
Name: Jonathan ROHLL	Signature:	Date:
Name: Alan J. KINGSMAN	Signature:	Date:
Name: Fionna M. ELLARD	Signature:	Date:
<i>NAMES AND SIGNATURES OF WITNESSES</i>		
Name: <i>KATI HUDSON</i>	Signature: <i>Kati Hudson</i>	Date: 11-6-02
Name:	Signature:	Date:

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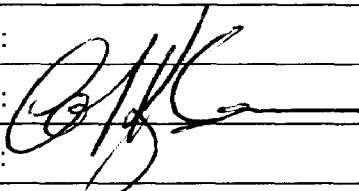
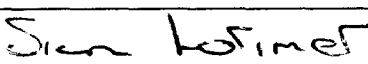
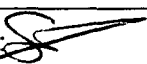
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Name: Alan J. KINGSMAN	Signature:	Date:
Name: Fionna M. ELLARD	Signature: <i>Fionna M. Ellard</i>	Date: 11-06-02
<i>NAMES AND SIGNATURES OF WITNESSES</i>		
Name: KATI HUDSON	Signature: <i>Kati Hudson</i>	Date: 11-6-02
Name:	Signature:	Date:

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