FLH Ref. No.: 674523-2023 RECORDATION FO TMENT OF COMMERCE 05-05-2004 ላ ው PATENT atent and Trademark Office To the Honorable Commissioner of Patents and Trademarks: I / thereof. Name of conveying party(ies) 102737981 1. Kyriacos A. MITROPHANOUS Name: Oxford BioMedica (UK) Limited Deva PATIL Internal Address: Alan J. KINGSMAN Susan M. KINGSMAN Street Address: Medawar Centre, Robert Robinson Fiona M. ELLARD Avenue The Oxford Science Park City, State Zip Oxford, OX4 4GA, United Kingdom Additional name(s) of conveying party(ies) attached? ☐ Yes 🛛 No 3. Nature of conveyance: UFFICE OF PUBLIC RECORDS Assignment Security Agreement Merger Change of Name Other: To correct the Assignments previously recorded on November 22, 2000 at Reel 011338, Frame 0674 Execution Date(s): November 3 and 6, 2000 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: 3 and 6 November 2000 Patent Application No.(s) filed Additional numbers attached? Yes No Total number of applications and patents involved 5. Name and address of party to whom correspondence concerning document should be maile, Thomas J. Kowalski, Esq. Name: Total fee (37 CFR 3.41) \$ 40.00 \boxtimes Enclosed Internal Address: FROMMER LAWRENCE & HAUG LLP Authorized to be charged to deposit account 50-0320 745 FIFTH AVENUE Street Address: Deposit account number: 50-0320 City: NEW YORK State: N.Y. Zip: 10151 (Attach duplicate copy of this page if paying by deposit account) Do not use this space 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. Thomas J. Kowalski, Esq. April 30, 2004 Date Name of Person Signing Total number of pages including cover sheet attachments, and document: 1 Do not detach this portion

Mail documents to be recorded with required cover sheet information to:

Mail Stop Assignment Recordation Services Director of the US Patent and Trademark Office P.O. Box 1450 Alexandria, VA 22313-1450

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Patent and Trademark Office 528 Rec'd PCT/PTO 22 NOV 2000 VER SHEET

Our Ref.: 550-184

Commissioner of Patents and Trade: Box Assignment, Washington, D.C.

10 mio 110monatio Commissioner of 1 atoms and 1 radomarks. I for	ase record the attached original documents or copy thereof.
1. Name of conveying party(ies):	2. Name and address of receiving party(ies):
Kyriacos A. Mitraphanous Fiona M. Ellard	
Deva Patil	Name: Oxford BioMedica (UK) Limited
Alan J. Kingsman	Internal Address:
Susan M. Kingsman	Street Address: Medawar Centre, Robert Robinson Avenue
	The Oxford Science Park
Additional name/s of conveying party/ies attached?	
3. Nature of conveyance:	City: Oxford
Assignment Merger	State/Country: OX4 4GA,
Security Assignment Change of Name	Zip: United Kingdom
Other	•
Execution Date: 3 and 6 November 2000	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	on date of the application is: 3 and 6 November 2000
	1 2 2 2 2 16/2
A. Patent Application No(s).	B. Patent No(s). 9/70/014
(1) Unknown	(1)
(2)	(2)
(3) Additional numbers a	│ (3) ttached ☐ Yes ☒ No
5 Name and address of martir to mike	6 Total number of applications & natural involved
5. Name and address of party to whom correspondence	6. Total number of applications & patents involved: 1
5. Name and address of party to whom correspondence concerning document should be mailed:	
concerning document should be mailed:	7. Total fee (37 CFR 3.41) \$ 40.00
	7. Total fee (37 CFR 3.41) \$ 40.00 Enclosed
Name: B. J. Sadoff	7. Total fee (37 CFR 3.41) \$ 40.00
concerning document should be mailed:	7. Total fee (37 CFR 3.41) \$ 40.00 Enclosed Authorized to be charged to deposit account #14-1140
Name: B. J. Sadoff Internal Address:	7. Total fee (37 CFR 3.41) \$ 40.00 Enclosed Authorized to be charged to deposit account #14-1140 8. The Commissioner is hereby authorized to charge any
concerning document should be mailed: Name: B. J. Sadoff Internal Address: Street Address: Nixon & Vanderhye P.C.	7. Total fee (37 CFR 3.41) \$ 40.00 ☐ Enclosed ☐ Authorized to be charged to deposit account #14-1140 8. The Commissioner is hereby authorized to charge any deficiency in the fee(s) filed, or asserted to be filed, or which
Concerning document should be mailed: Name: B. J. Sadoff Internal Address: Street Address: Nixon & Vanderhye P.C. 1100 North Glebe Road	7. Total fee (37 CFR 3.41) \$ 40.00 Enclosed Authorized to be charged to deposit account #14-1140 8. The Commissioner is hereby authorized to charge any deficiency in the fee(s) filed, or asserted to be filed, or which should have been filed herewith (or with any paper thereafter
Concerning document should be mailed: Name: B. J. Sadoff Internal Address: Street Address: Nixon & Vanderhye P.C. 1100 North Glebe Road 8 th Floor	7. Total fee (37 CFR 3.41) \$ 40.00 ☐ Enclosed ☐ Authorized to be charged to deposit account #14-1140 8. The Commissioner is hereby authorized to charge any deficiency in the fee(s) filed, or asserted to be filed, or which
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City: Arlington State: VA Zip: 22201	7. Total fee (37 CFR 3.41) \$ 40.00 Enclosed Authorized to be charged to deposit account #14-1140 8. The Commissioner is hereby authorized to charge any deficiency in the fee(s) filed, or asserted to be filed, or which should have been filed herewith (or with any paper thereafter filed in this application by this firm) to our Account No.
City: Arlington State: VA Zip: 22201	7. Total fee (37 CFR 3.41) \$ 40.00 Enclosed Authorized to be charged to deposit account #14-1140 8. The Commissioner is hereby authorized to charge any deficiency in the fee(s) filed, or asserted to be filed, or which should have been filed herewith (or with any paper thereafter filed in this application by this firm) to our Account No. 14-1140.
concerning document should be mailed: Name: B. J. Sadoff Internal Address: Street Address: Nixon & Vanderhye P.C. 1100 North Glebe Road 8th Floor City: Arlington State: VA Zip: 22201 DO NOT US 9. Statements and signature.	7. Total fee (37 CFR 3.41) \$ 40.00 Enclosed Authorized to be charged to deposit account #14-1140 8. The Commissioner is hereby authorized to charge any deficiency in the fee(s) filed, or asserted to be filed, or which should have been filed herewith (or with any paper thereafter filed in this application by this firm) to our Account No. 14-1140.
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Concerning document should be mailed: Name: B. J. Sadoff Internal Address: Street Address: Nixon & Vanderhye P.C. 1100 North Glebe Road 8th Floor City: Arlington State: VA Zip: 22201 DO NOT US 9. Statements and signature. To the best of my knowledge and belief, the foregoing inform of the original document. B. J. Sadoff Name of Person Signing Si	7. Total fee (37 CFR 3.41) \$ 40.00 Enclosed Authorized to be charged to deposit account #14-1140 8. The Commissioner is hereby authorized to charge any deficiency in the fee(s) filed, or asserted to be filed, or which should have been filed herewith (or with any paper thereafter filed in this application by this firm) to our Account No. 14-1140. SE THIS SPACE ation is true and correct and any attached copy is a true copy
Concerning document should be mailed: Name: B. J. Sadoff Internal Address: Street Address: Nixon & Vanderhye P.C. 1100 North Glebe Road 8th Floor City: Arlington State: VA Zip: 22201 DO NOT US 9. Statements and signature. To the best of my knowledge and belief, the foregoing inform of the original document. B. J. Sadoff Name of Person Signing Reg. No. 36,663	7. Total fee (37 CFR 3.41) \$ 40.00 Enclosed Authorized to be charged to deposit account #14-1140 8. The Commissioner is hereby authorized to charge any deficiency in the fee(s) filed, or asserted to be filed, or which should have been filed herewith (or with any paper thereafter filed in this application by this firm) to our Account No. 14-1140. SE THIS SPACE ation is true and correct and any attached copy is a true copy November 22, 2000

PATENT REEL: 015287 FRAME: 0050

U.S. Department of Commerce

Patent and Trademark Office

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Our Ref.: 550-7

Commissioner of Patents and Trad Box Assignment, Washington, D.C.

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OX Assignment, Wushington, D.C.	
To the Honorable Commissioner of Patents and Trademarks: Pleas	
1. Name of conveying party(ies):	2. Name and address of receiving party(ies):
Kyriacos A. Mitraphanous Fiona M. Ellard	
Deva Patil	Name: Oxford BioMedica (UK) Limited
Alan J. Kingsman	Internal Address:
Susan M. Kingsman	Street Address: Medawar Centre, Robert Robinson Avenue
	The Oxford Science Park
Additional name/s of conveying party/ies attached?	
3. Nature of conveyance:	City: Oxford
	State/Country: OX4 4GA,
Security Assignment Change of Name	Zip: United Kingdom
Other	
Execution Date: 3 and 6 November 2000	Additional name/s & address/es attached? 🗌 Yes 🛛 No
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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	n date of the application is: 3 and 6 November 2000
A. Patent Application No(s).	B. Patent No(s). 9/70/014
(1) Unknown	
(2)	$\begin{pmatrix} \ddots \\ (2) \end{pmatrix}$
(3)	(3)
Additional numbers at	· · · · <u> </u>
5. Name and address of party to whom correspondence	6. Total number of applications & patents involved:
concerning document should be mailed:	Tr.
Tourselling accounting and the or mande.	7. Total fee (37 CFR 3.41) \$ 40.00
Name: B. J. Sadoff	⊠ Enclosed
A TOTAL OF THE PARTY.	Authorized to be charged to deposit account #14-1140
Internal Address:	
THOUGHT LEGITORS.	8. The Commissioner is hereby authorized to charge any
Street Address: Nixon & Vanderhye P.C.	<u>deficiency</u> in the fee(s) filed, or asserted to be filed, or which
1100 North Glebe Road	should have been filed herewith (or with any paper thereafter
8 th Floor	filed in this application by this firm) to our Account No.
	14-1140.
City: Arlington State: VA Zip: 22201	1 11-11-0.
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0. Statements and signature	
 Statements and signature. To the best of my knowledge and belief, the foregoing informa 	tion is true and correct and any attached convice a true conv
	non is true and correct and any attached copy is a true copy
of the original document.	1 .
B. J. Sadoff	November 22, 2000
	nature Date
Reg. No. 36,663	nal cover sheet attachments and document: [3]
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PATENT

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ASSIGNMENT OF PATENT APPLICATION

Kyriacos A. Mitraphanous

Fiona M. Ellard

Deva Patil

(Inventors)

Alan J. Kingsman Susan M. Kingsman

In consideration of the sum of one dollar (\$1.00) and other good and valuable considerations paid to each of the undersigned, the undersigned agree(s) to assign.

and hereby does assign, transfer and set over to

(Assignee) (Address) Oxford BioMedica (UK) Limited

(of Medawar Centre, Robert Robinson Avenue, The Oxford Science Park, Oxford,

OX4 4GA, United Kingdom)

(hereinafter designated as the Assignee) the undersigned's entire right, title and interest for the United States, its territories, dependencies and possessions in the invention, and all applications for patent and any Letters Patent which may be granted

therefore, known as

(Title)

RETROVIRAL DELIVERY SYSTEM (Case No. 550-184)

for which the undersigned has (have) executed on even date herewith an application for patent in the United States of America or, if not on even date, then has executed

on or has already filed U.S. appln. Serial No.

The undersigned acknowledges an obligation of assignment of this invention to said

assignee at the time the invention was made.

The undersigned agree(s) to execute all papers and documents necessary in connection with the application or any interference which may be declared and any continuing or divisional applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient and further to perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements.

The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States patent to the Assignee.

The undersigned hereby authorize(s) and request(s) the Commissioner of Patents to issue any and all Letters Patent of the United States resulting from said application or any division or divisions or continuing applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) full right to convey the entire interest herein assigned, and that he has (they have) not executed and will not execute, any agreement in conflict herewith.

The undersigned hereby grant(s) the firm of NIXON & VANDERHYE P.C. the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent Office for recordation of this document. It is understood and agreed that ASSIGNEE'S attorneys Nixon & Vanderhye P.C. have represented only ASSIGNEE and will continue to represent only ASSIGNEE with respect to this invention.

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REEL: 015287 FRAME: 0052

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in Witness whereat, executed by the undersign	gned on the date(s) opposite the undersigned
signature(s).	
Date 3/11/6-0 Signature of invent	
Date X 6/11/2000 X Signature of inventor	
Date $\frac{3 - 11 - 00}{}$ Signature of inventor	
Date 3-11-00 Signature of inventor	
Date 3-11-00 Signature of invent	
	Fiona M. Ellard
Witnessed by: AJ-anda-	
Witnessed by: X Meena Alm	X Date X 6/11/00 X

- 2 -

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