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01-14-2005

Our Ref.: 117-524

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Commissioner of Patents
P.O. Box 1450
Alexandria, VA 22313-1450

102920555

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

1. Name of conveying party(ies):

Phillip John BIRCH
Ann Gail HAYES
Peter James WATTS
Jonathan David CASTILE

Additional name/s of conveying party/ies attached? ☐

3. Nature of conveyance:

☒ Assignment ☐ Merger
☐ Security Assignment ☐ Change of Name
☐ Other

Execution Date: November 2, 2004

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

Name: IONIX PHARMACEUTICALS LIMITED
Internal Address:
Street Address: 418 Cambridge Science Park Milton Road

City: Cambridge
State/Country: United Kingdom
Zip: CB4 0PA

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: November 2, 2004

A. Patent Application No(s).

(1) 10/508,336
(2)
(3)

B. Patent No(s).

(1)
(2)
(3)

Additional numbers attached ☐ Yes ☒ No

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

Name: Arthur R. Crawford

Internal Address:

Street Address: Nixon & Vanderhye P.C.
1100 North Glebe Road
8th Floor

City: Arlington State: VA Zip: 22201

6. Total number of applications & patents involved: 1

7. Total fee (37 CFR 3.41)

\$ 40.00

☒ Enclosed
☐ Authorized to be charged to deposit account #14-1140

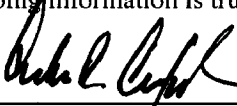
8. The Commissioner is hereby authorized to charge any deficiency in the fee(s) filed, or asserted to be filed, or which should have been filed herewith (or with any paper thereafter filed in this application by this firm) to our **Account No. 14-1140.**

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9. Statements 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.

Arthur R. Crawford
Name of Person Signing
Reg. No. 25,327


Signature

December 1, 2004
Date

Total number of pages including **original** cover sheet, attachments, and document: [4]

RECORDATION FORM COVER SHEET

PATENTS ONLY

Our Ref: 117-524

Commissioner of Patents and Trademarks
Box Assignment, P.O. Box 1450
Alexandria, VA 22313-1450

1. Name of conveying party(ies):

2. Name: WEST PHARMACEUTICAL SERVICES DRUG DELIVERY & CLINICAL RESEARCH CENTRE LIMITED

Street Address: Albert Einstein Centre Nottingham Science and Technology Park University Boulevard

City: Nottingham

State: United Kingdom

Zip: NG7 2TN

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

A. Patent Application No(s).

(4)
(5)
(6)
(7)
(8)
(9)

B. Patent No(s).

(4)
(5)
(6)
(7)
(8)
(9)

ASSIGNMENT OF PATENT APPLICATION

(Inventors)

- (1) Phillip John BIRCH a citizen of United Kingdom of:
418 Cambridge Science Park Milton Road Cambridge CB4 0PA United Kingdom
- (2) Ann Gail HAYES a citizen of United Kingdom of:
418 Cambridge Science Park Milton Road Cambridge CB4 0PA United Kingdom
- (3) Peter James WATTS a citizen of United Kingdom of:
Albert Einstein Centre Nottingham Science & Technology Park University Boulevard
Nottingham NG7 2TN United Kingdom
- (4) Jonathan David CASTILE a citizen of United Kingdom of:
Albert Einstein Centre Nottingham Science & Technology Park University Boulevard
Nottingham NG7 2TN United Kingdom

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) (5)

IONIX PHARMACEUTICALS LIMITED British body corporate

WEST PHARMACEUTICAL SERVICES DRUG DELIVERY & CLINICAL RESEARCH
CENTRE LIMITED British body corporate

(Address) (6) of

418 Cambridge Science Park Milton Road Cambridge CB4 0PA United Kingdom

Albert Einstein Centre Nottingham Science and Technology Park University Boulevard
Nottingham NG7 2TN United Kingdom

(hereinafter designated as the Assignee) the entire right, title and interest for the United States, its territories, dependencies and possessions, and for the country of

(Other
Countries)

- (7) _____ in the invention, and all applications for patent and any Letters Patent
which may be granted therefor, known as

(Title)

- (8) FORMULATION COMPRISING BUPRENORPHINE

(Case No)

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

- (9) on _____ or has already filed in

- (10) U.S. appln Serial Number 10/508,336 filed on _____

- (11) The undersigned acknowledges an obligation of assignment of this invention to said assignee at the time the invention was made

1) 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.

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

3) The undersigned hereby authorize(s) and request(s) the Communication of Patents to issue any and all Letters patent of the United States resulting from said application or any division or divisions or continuing 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.

4) The undersigned hereby grant(s) the firm of Nixon and Vanderhye PC the power to insert on this assignment any further identification which may be necessary to desirable in order to comply with the rules of the United States Patent Office for recordation of this document.

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned signature(s).

Date 2/11/04 Signature of Inventor POB

Date _____ Signature of Inventor _____

Date _____ Signature of Inventor _____

Date _____ Signature of Inventor _____

ASSIGNMENT OF PATENT APPLICATION

(Inventors)

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418 Cambridge Science Park Milton Road Cambridge CB4 0PA United Kingdom
- (2) Ann Gail HAYES a citizen of United Kingdom of:
418 Cambridge Science Park Milton Road Cambridge CB4 0PA United Kingdom
- (3) Peter James WATTS a citizen of United Kingdom of:
Albert Einstein Centre Nottingham Science & Technology Park University Boulevard
Nottingham NG7 2TN United Kingdom
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CENTRE LIMITED British body corporate

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418 Cambridge Science Park Milton Road Cambridge CB4 0PA United Kingdom
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- (7) _____ in the invention, and all applications for patent and any Letters Patent which may granted therefor, known as

(Title)

- (8) **FORMULATION COMPRISING BUPRENORPHINE** (Case No)

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In witness whereof, executed by the undersigned on the date(s) opposite the undersigned signature(s).

Date	<u>2/11/04</u>	Signature of Inventor	<u>AG Hayes</u>
Date	<u>2 Nov 2004</u>	Signature of Inventor	<u>P J Watts</u>
Date	<u>2 Nov 2004</u>	Signature of Inventor	<u>J D Castile</u>
Date	_____	Signature of Inventor	_____