

Commissioner of Patents & Trademarks

BOX ASSIGNMENTS

Washington, D.C. 20231

Form PTO-1585

RECORDATION FORM COVER SHEET

U.S. DEPARTMENT OF COMMERCE

(Rev. 03/01)

PATENTS ONLY

U.S. PATENT AND TRADEMARK OFFICE

To the honorable Commissioner of Patents and Trademarks: Please record the attached original document or copy thereof;

1. Name of Conveying Party(ies):

THE UNIVERSITY OF SHEFFIELD

2. Name and Address of Receiving Party(ies):

Name: **IMPERIAL COLLEGE INNOVATIONS LIMITED**

Street Address: **Sherfield Building, Exhibition Road**

Street Address:

City: **London**

State/Country: **GREAT BRITAIN** Postal Code: **SW7 2AZ**

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

Additional name(s) and addresses attached? Yes No

3. Nature of Conveyance:

Assignment

Change of Name

Security Agreement

Other: **Corrected Assignment, Reel 019876, Frame 0664**

Merger

Execution Date: **09232004**

4. Application Number(s) or Patent Number(s):

Assignment is being filed together with new application and the first execution date of application is :

Application has been filed already and the application filing date is:

A. Patent Application Number(s):

10/754,048

B. Issued Patent Number(s):

Additional numbers attached? Yes No

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

CUSTOMER NUMBER 00136 -or-

**JACOBSON HOLMAN PLLC
400 Seventh Street, N.W.
Washington, D.C. 20004-2218
Tel. 202-638-6666**

Attorney Docket Number: **P67904US1**

6. Total number of applications and patents involved: **1**

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

Enclosed

Any deficiencies in enclosed fees are authorized to be charged to Deposit Account No. 06-1358.

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8. 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.

Michael R. Siobasky 26,421

October 29, 2007

Name of Person Signing, Reg. No.

Signature

Date

Total number of pages including cover sheet, attachments, and documents: **8**

D: JACOBSON HOLMAN PLLC CC ANY: 400 SEVENTH STREET N.W

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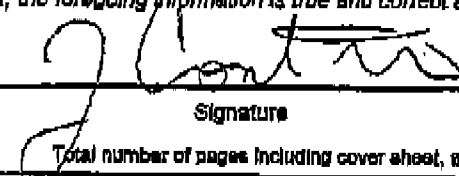
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09/25/2007
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NO. 383 P. 1/8

Commissioner for Patents

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Alexandria, VA 22313-1450

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| Form PTO-1585 (Rev. 09/07) | | RECORDATION FORM COVER SHEET PATENTS ONLY | | U.S. DEPARTMENT OF COMMERCE U.S. PATENT AND TRADEMARK OFFICE | |
| To the honorable Commissioner of Patents and Trademarks: Please record the attached original document or copy thereof: | | | | | |
| 1. Name of Conveying Party(ies): THE UNIVERSITY OF SHEFFIELD WESTERN BANK SHEFFIELD S10 2TN UNITED KINGDOM | | | 2. Name and Address of Receiving Party(ies): Name: IMPERIAL INNOVATIONS, LTD. Street Address: SHERFIELD BUILDING Street Address: EXHIBITION ROAD City: LONDON State/Country: GREAT BRITAIN Postal Code: SW7 2AZ | | |
| Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | | | Additional name(s) and addresses attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | | |
| 3. Nature of Conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Change of Name <input type="checkbox"/> Security Agreement <input type="checkbox"/> Other: <input type="checkbox"/> Merger Execution Date: 05302002 | | | | | |
| 4. Application Number(s) or Patent Number(s): <input type="checkbox"/> Assignment is being filed together with new application and the first execution date of application is: <input checked="" type="checkbox"/> Application has been filed already and the application filing date is: 01082004 A. Patent Application Number(s): 10754,048 B. Issued Patent Number(s): Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | | | | | |
| 5. Name and address of party to whom correspondence concerning this matter should be mailed: CUSTOMER NUMBER 00136 -07- JACOBSON HOLMAN PLLC 400 Seventh Street, N.W. Washington, D.C. 20004-2218 Tel. 202-638-6666 Attorney Docket Number: -P67504US1 | | | 6. Total number of applications and patents involved: 1 7. Total Fee (37 CFR 3.41): \$ 40.00 <input checked="" type="checkbox"/> Enclosed - Credit Card Payment Form <input checked="" type="checkbox"/> Any deficiencies in enclosed fees are authorized to be charged to Deposit Account No. 06-1358. | | |
| DO NOT USE THIS SPACE | | | | | |
| 8. Statement and Signature: <i>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.</i> -Joseph G. Contreras -44,828  September 25, 2007 | | | | | |
| Name of Person Signing, Reg. No. | | | Signature | | Date |
| Total number of pages including cover sheet, attachments, and documents: | | | | | 8 |

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ASSIGNMENT**Date:** 23rd September 2004**Parties:**

THE UNIVERSITY OF SHEFFIELD, incorporated under the laws of England and Wales, of Western Bank, Sheffield S10 2TN, United Kingdom, (The Assignor) of the first part; and

IMPERIAL COLLEGE INNOVATIONS LTD, whose registered office is at Sherfield Building, Exhibition Road, London SW7 2AZ (the "Assignee")

WHEREAS

Imperial has agreed to pay all future patent costs as of 1 June 2003

Imperial and Sheffield have jointly agreed to draw up an appropriate revenue sharing agreement

Contingent on the above:

A. The Assignor has applied to the UK Patent Office for a priority patent under the Patents Act 1977 (as amended) under the application number 9929222.0 ('the Application'), in respect of Inventions disclosed in the Application and entitled "Chiral Catalysts for Asymmetric Acylation and Relation Transformations"

B. The Assignor has agreed to assign to the Assignee the Application and all rights, title and interest in the Application, including any associated intellectual

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property rights that the Assignor may own, upon the terms and conditions set out below.

Operative Provisions:

1. In pursuance of the agreement and in consideration of the sum of £1.00 paid by the Assignee to the Assignor (receipt of which is acknowledged), the Assignor ASSIGNS with full title guarantee unto the Assignee

- 1.1 all the rights title and interest of the Assignor in, to and relating to the Application and all applications claiming priority therefrom or related thereto and the full and exclusive benefit of the Application and all applications claiming priority therefrom or related thereto, free from all encumbrances, and all rights, powers, privileges, immunities and advantages associated with the Application and all applications claiming priority therefrom or related thereto;
- 1.2 any patents under the Patents Act 1977 (as amended) or other protection that may be granted in respect of the Inventions in the UK pursuant to the Application;
- 1.3 any patent applications or patents claiming priority from the Application or related to the Application which may be granted in respect of inventions in other territories or countries, including but not limited to the patent applications set out in annex 1;
- 1.3 the right to make any new application or applications in respect of any part or parts of the subject matter of any applications or specifications filed in connection with the Inventions, in particular, the right to file divisional applications, continuation applications and continuation-in-part applications;

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- 1.4 the right to claim priority from the Application in respect of filings made in the United Kingdom and territories outside the United Kingdom under the provisions of the Paris Convention, corresponding bilateral arrangements, the Patent Cooperation Treaty, and national patent laws including the Patents Act 1977 (as amended);
- 1.5 the right to bring proceedings for any previous infringement of the rights assigned by this Assignment.

TO HOLD the same unto the Assignee absolutely.

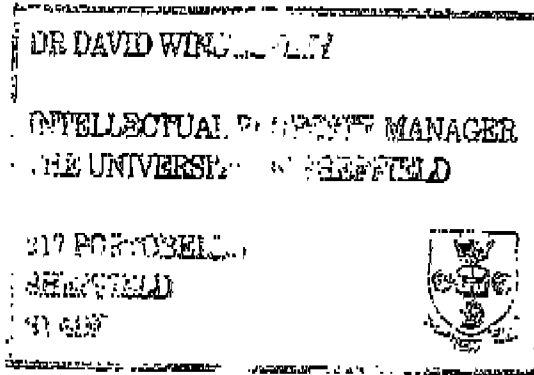
2. The Assignor COVENANTS with the Assignee that the Assignor will at the expense of the Assignee execute, sign and do all such instruments, applications, documents, acts and things as may reasonably be required by the Assignee to enable the Assignee (or a nominee of the Assignee) to enjoy the full benefit of the property and rights assigned and (if requested to do so by the Assignee) to apply for any patents or other forms of protection in respect of the Invention throughout the world and fully and effectively to vest the same in the Assignee or as the Assignee shall direct.

IN WITNESS of which this Assignment has been executed the date and year first above written,

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SIGNED on behalf of THE UNIVERSITY OF SHEFFIELD

Name of signatory: David Winstanley
Position: IP & Licensing Manager
Date: 23rd September 2004



In the presence of:

Witness signature: C. McNally
Witness name: CLARE MCNALLY
Date: 23 SEPT 2004

Signed on behalf of IMPERIAL INNOVATIONS

Name of signatory: SUSAN SEARLE
Position: MANAGING DIRECTOR
Date: 3/8/04

In the presence of:

Witness signature: T
Witness name: Tatiana Mouchinskaya
Date: 3/08/04

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Annex 1

International Patent application no PCT/GB00/04564

European Patent application no 00985449.8

US Patent application no 10/130292