

## TRADEMARK ASSIGNMENT

Electronic Version v1.1  
 Stylesheet Version v1.1

| SUBMISSION TYPE:  | NEW ASSIGNMENT                      |                |                                     |               |          |                |                |                            |          |            |                                     |
|---|-------------------------------------|----------------|-------------------------------------|---------------|----------|----------------|----------------|----------------------------|----------|------------|-------------------------------------|
| NATURE OF CONVEYANCE:   | NUNC PRO TUNC ASSIGNMENT            |                |                                     |               |          |                |                |                            |          |            |                                     |
| EFFECTIVE DATE:   | 06/30/2013                          |                |                                     |               |          |                |                |                            |          |            |                                     |
| CONVEYING PARTY DATA  |                                     |                |                                     |               |          |                |                |                            |          |            |                                     |
| <table border="1"> <thead> <tr> <th>Name</th> <th>Formerly</th> <th>Execution Date</th> <th>Entity Type</th> </tr> </thead> <tbody> <tr> <td>Iroko Pharmaceuticals, LLC</td> <td></td> <td>01/13/2014</td> <td>LIMITED LIABILITY COMPANY: DELAWARE</td> </tr> </tbody> </table> |                                     |                |                                     | Name          | Formerly | Execution Date | Entity Type    | Iroko Pharmaceuticals, LLC |          | 01/13/2014 | LIMITED LIABILITY COMPANY: DELAWARE |
| Name  | Formerly                            | Execution Date | Entity Type                         |               |          |                |                |                            |          |            |                                     |
| Iroko Pharmaceuticals, LLC  |                                     | 01/13/2014     | LIMITED LIABILITY COMPANY: DELAWARE |               |          |                |                |                            |          |            |                                     |
| RECEIVING PARTY DATA  |                                     |                |                                     |               |          |                |                |                            |          |            |                                     |
| Name:   | Iroko Pharmaceuticals Inc.          |                |                                     |               |          |                |                |                            |          |            |                                     |
| Street Address:   | Geneva Place, Waterfront Drive      |                |                                     |               |          |                |                |                            |          |            |                                     |
| City:   | Tortola                             |                |                                     |               |          |                |                |                            |          |            |                                     |
| State/Country:  | BRITISH VIRGIN ISLANDS              |                |                                     |               |          |                |                |                            |          |            |                                     |
| Entity Type:  | CORPORATION: BRITISH VIRGIN ISLANDS |                |                                     |               |          |                |                |                            |          |            |                                     |
| PROPERTY NUMBERS Total: 1   |                                     |                |                                     |               |          |                |                |                            |          |            |                                     |
| <table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> <th>Word Mark</th> </tr> </thead> <tbody> <tr> <td>Serial Number:</td> <td>85413540</td> <td>ZORVOLEX</td> </tr> </tbody> </table>   |                                     |                |                                     | Property Type | Number   | Word Mark      | Serial Number: | 85413540                   | ZORVOLEX |            |                                     |
| Property Type   | Number                              | Word Mark      |                                     |               |          |                |                |                            |          |            |                                     |
| Serial Number:  | 85413540                            | ZORVOLEX       |                                     |               |          |                |                |                            |          |            |                                     |
| CORRESPONDENCE DATA   |                                     |                |                                     |               |          |                |                |                            |          |            |                                     |
| Fax Number:   | 8777697945                          |                |                                     |               |          |                |                |                            |          |            |                                     |
| <i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>   |                                     |                |                                     |               |          |                |                |                            |          |            |                                     |
| Phone:  | 202-783-5070                        |                |                                     |               |          |                |                |                            |          |            |                                     |
| Email:  | tmdoctc@fr.com                      |                |                                     |               |          |                |                |                            |          |            |                                     |
| Correspondent Name:   | Keith A. Barritt                    |                |                                     |               |          |                |                |                            |          |            |                                     |
| Address Line 1:   | P.O. Box 1022                       |                |                                     |               |          |                |                |                            |          |            |                                     |
| Address Line 4:   | Minneapolis, MINNESOTA 55440-1022   |                |                                     |               |          |                |                |                            |          |            |                                     |
| ATTORNEY DOCKET NUMBER:   | 30052-0005001                       |                |                                     |               |          |                |                |                            |          |            |                                     |
| DOMESTIC REPRESENTATIVE   |                                     |                |                                     |               |          |                |                |                            |          |            |                                     |
| Name:   | Keith A. Barritt                    |                |                                     |               |          |                |                |                            |          |            |                                     |

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Address Line 1: P.O. Box 1022  
Address Line 4: Minneapolis, MINNESOTA 55440-1022

|                    |                   |
|--------------------|-------------------|
| NAME OF SUBMITTER: | Mel E. Erickson   |
| Signature:         | /Mel E. Erickson/ |
| Date:              | 01/15/2014        |

Total Attachments: 4  
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source=ZORVOLEX assignment#page4.tif

## TRADEMARK CONFIRMATORY ASSIGNMENT AGREEMENT

WHEREAS, IROKO PHARMACEUTICALS, LLC, a company incorporated under the laws of the State of Delaware, whose address is One Kew Place, 150 Rouse Boulevard, Philadelphia, PA 19112, filed on September 1, 2011 U.S. trademark application no. 85/413,540 for ZORVOLEX (the "Trademark");

WHEREAS, IROKO PHARMACEUTICALS INC, a company incorporated under the laws of the British Virgin Islands, whose address is Geneva Place, Waterfront Drive, PO Box 3469, Road Town, Tortola, British Virgin Islands ("Assignee"), is desirous of acquiring all of Assignor's rights, title and interest in and to said Trademark;

NOW, THEREFORE, in consideration of the payment by Assignee to Assignor of the sum of Ten Dollars (\$10.00), and for other good and valuable consideration referred to in a separate Master Purchase and Sale Agreement (the "Purchase Agreement"), the receipt of each of which is hereby acknowledged, the parties hereto agree as follows:

1. Effective nunc pro tunc as of June 30, 2013, Assignor sells, assigns, and transfers to the Assignee the entire right, title, interest in and to the Trademark and the goodwill of the business symbolized by the Trademark in the United States to be held and enjoyed by Assignee, its successors, assignees and any other legal representatives.

2. This assignment includes the right to sue and recover damages for past and future infringements of Assignor's rights in the Trademark and to bring any proceeding in the U.S. Patent and Trademark Office for cancellation or opposition or other proceeding in connection with the Trademark. The right, title and interest is to be held and enjoyed by Assignee and Assignee's successors and assigns as fully and exclusively as it would have been held and enjoyed by Assignor and its Affiliates had this assignment not been made.

3. Assignee will record the assignment of the Trademark at the U.S. Patent and Trademark Office and any expenses incurred in connection with the recordation of this assignment shall be borne by the Assignee. The Assignee is responsible for obtaining any assignment documents that may be necessary for the recordation of the assignment of the Trademark and the Assignor hereby undertakes to give its reasonable assistance to the Assignee as to such recordation of the assignment of the Trademark.

4. This Agreement is linked to the Purchase Agreement so that if for any reason the Purchase Agreement was to be declared void or null, the present Agreement would be automatically declared void or null.

5. Assignee shall pay, or reimburse Assignor for all registrar transfer fees. Assignee will also reimburse Assignor for any trademark renewal fees paid by Assignor after the date of this Agreement pending transfer of the Trademark. Upon Assignee's request, Assignor will provide Assignee with copies of applicable registrar invoices therefor or comparable proof of payment thereof.

6. The representations, warranties and covenants relating to the Trademark contained in the Purchase Agreement, and the indemnification provisions relating thereto, are incorporated herein by reference.

7. Each Party, upon the written request and at the expense of the other Party, shall provide such reasonable cooperation, shall perform such further reasonable acts, and shall execute and deliver such reasonable documents and affidavits that may be necessary to effect the assignment and transfer of the Trademark in accordance with the intent of the Purchase Agreement and this Agreement.

8. This Agreement may be executed in one or more counterparts, each of which shall for all purposes be deemed an original and all of which shall constitute one and the same agreement.

[REMAINDER OF PAGE INTENTIONALLY LEFT BLANK, SIGNATURE PAGES FOLLOW]

IN TESTIMONY WHEREOF, the Assignor and Assignee have executed this Agreement effective as of December 23, 2013.

ASSIGNOR:

IROKO PHARMACEUTICALS, LLC

*David Upchurch*

Name: \_\_\_\_\_

Title: \_\_\_\_\_

Place of Execution: \_\_\_\_\_

STATE OF PA )  
 ) ss.  
COUNTY OF Phila )

I certify that I know or have satisfactory evidence that David Upchurch is the person who appeared before me, and said person acknowledged that said person signed this instrument and on oath stated that said person was authorized to execute the instrument and acknowledged it to be said person's free and voluntary act for the uses and purposes mentioned in the instrument.

Dated: 01-13-14

*Hakan Iblisi*

Notary Public

[Seal or Stamp]

Hakan Iblisi

[Printed Name]

Commonwealth of Pennsylvania

NOTARIAL SEAL  
Hakan Iblisi, Notary Public  
Philadelphia City, Philadelphia County  
My Commission Expires August 27, 2017

My appointment expires August 27, 2017

ASSIGNEE:

IROKO PHARMACEUTICALS INC.

David Uprichard

Name: \_\_\_\_\_

Title: \_\_\_\_\_

Place of Execution: \_\_\_\_\_

STATE OF PA )  
 ) ss.  
COUNTY OF Phila )

I certify that I know or have satisfactory evidence that David Uprichard is the person who appeared before me, and said person acknowledged that said person signed this instrument and on oath stated that said person was authorized to execute the instrument and acknowledged it to be said person's free and voluntary act for the uses and purposes mentioned in the instrument.

Dated: 01-13-14

Hakan Ibisli  
Notary Public

[Seal or Stamp]

Hakan Ibisli  
[Printed Name]

Commonwealth of Pennsylvania

**NOTARIAL SEAL**  
Hakan Ibisli, Notary Public  
Philadelphia City, Philadelphia County  
My Commission Expires August 27, 2017

My appointment expires August 27th, 2017