

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT												
NATURE OF CONVEYANCE:	ASSIGNMENT												
CONVEYING PARTY DATA													
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Eric M. Ostertag</td> <td>05/30/2013</td> </tr> <tr> <td>John Stuart Crawford</td> <td>05/31/2013</td> </tr> </tbody> </table>		Name	Execution Date	Eric M. Ostertag	05/30/2013	John Stuart Crawford	05/31/2013						
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<table border="1"> <tr> <td>Name:</td> <td>Transposagen Biopharmaceuticals, Inc.</td> </tr> <tr> <td>Street Address:</td> <td>535 West Second Street</td> </tr> <tr> <td>Internal Address:</td> <td>Suite L102</td> </tr> <tr> <td>City:</td> <td>Lexington</td> </tr> <tr> <td>State/Country:</td> <td>KENTUCKY</td> </tr> <tr> <td>Postal Code:</td> <td>40508</td> </tr> </table>		Name:	Transposagen Biopharmaceuticals, Inc.	Street Address:	535 West Second Street	Internal Address:	Suite L102	City:	Lexington	State/Country:	KENTUCKY	Postal Code:	40508
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PROPERTY NUMBERS Total: 3													
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CORRESPONDENCE DATA													
<p>Fax Number: 5136516981 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 5136516800 Email: ctarvin@fbtlaw.com Correspondent Name: Frost Brown Todd LLC Address Line 1: 301 East Fourth Street Address Line 2: 3300 Great American Tower Address Line 4: Cincinnati, OHIO 45202</p>													
ATTORNEY DOCKET NUMBER:	0115268.0592643												
NAME OF SUBMITTER:	Christie Tarvin												

OP \$120.00 61222327

Signature:	/Christie Tarvin/
Date:	06/03/2013
Total Attachments: 3 source=13391307Assignment#page1.tif source=13391307Assignment#page2.tif source=13391307Assignment#page3.tif	

ASSIGNMENT

The undersigned (hereinafter "Assignor") of the residence(s) indicated below are the inventor(s) of certain invention(s) and embodiment(s) thereof (hereinafter collectively the "Invention") described in a United States Patent Application Serial Number 61/222,327, filed on July 1, 2009 titled **GENETICALLY MODIFIED RAT MODELS FOR SEVERE COMBINED IMMUNODEFICIENCY (SCID)**; United States PCT Application Serial Number PCT/US2010/040768, filed on July 1, 2010 titled **Genetically Modified Rat Models for Severe Combined Immunodeficiency (SCID)**; and 13/391,307, filed on February 20, 2012 titled **Genetically Modified Rat Models for Severe Combined Immunodeficiency (SCID)** (hereinafter the "Application").

Transposagen Biopharmaceuticals, Inc., a corporation having a principal place of business at 535 West Second St., Suite L102 Lexington, KY 40508, and its successors, assigns, and legal representatives (hereinafter collectively "Assignee") desires to secure the entire right, title and interest in and to the Invention.

For good and valuable consideration, the receipt and adequacy of which is acknowledged, Assignor hereby:

1. Sells, assigns and transfers to Assignee the entire right, title and interest in and to the Invention, the Application, any other applications to which the Application claims priority benefit, including but not limited to related provisional applications, any other patent applications based in whole or in part upon the Invention or Application in any country (including Patent Cooperation Treaty, divisional, renewal, substitute, continuation, and continuation-in-part applications), all patents and other forms of intellectual property protection which may be granted thereon (including all reissues, reexaminations, and extensions thereof), and all priority rights appertaining thereto;

2. Authorizes Assignee to file applications for patents and other forms of intellectual property protection on the Invention in any country in the name of Assignee, or otherwise as Assignee may deem advisable;

3. Authorizes and requests the Director of the United States Patent & Trademark Office, and such patent office officials in foreign countries as are duly authorized by their laws to issue patents, to issue any patents on the Invention to Assignee as the owner of the entire right, title, and interest therein or otherwise as Assignee may direct;

4. Agrees, without expense to Assignor but without further consideration, to carry out in good faith the intent and purpose of this Assignment by executing all divisional, renewal, substitute, continuation, continuation-in-part, reissue, and all other patent applications based on the Invention; executing all rightful oaths, assignments, powers of attorney and other papers; communicating to Assignee all facts known to Assignor relating to the Invention and the history thereof; and generally, doing everything reasonably possible which Assignee shall consider desirable for aiding in securing, maintaining, and enforcing proper protection for the Invention

and for vesting title in Assignee to the Invention and all patent applications and patents based on the Invention;

5. Represents and warrants that Assignor has the full right to convey to Assignee the entire interest to the Invention, and that Assignor has not executed, and will not execute, any agreement in conflict herewith; and

6. Authorizes Frost Brown Todd, LLC to insert in this Assignment the serial number and filing date of the Application or any other information which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this Assignment.

Sole or first inventor:

Signature:

Full Name:

Residence:

Eric M. Ostertag

350 New Street

Lexington, KY 40507

Date:

5-30-13

STATE OF

Kentucky

)
) SS:

COUNTY OF

Fayette

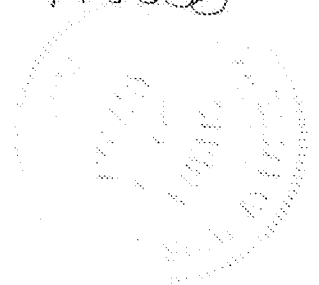
On this 31st day of May, 2013 personally appeared before me Eric M. Ostertag, who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to on this Assignment, and acknowledged that he executed the same.

Notary Public:

My Commission Expires:

3/10/14

415032



PATENT

REEL: 030530 FRAME: 0547

Second inventor:

Signature:

Full Name:

Residence:

John Stuart Crawford

626 Pasadena Drive

Lexington, KY 40503

Date: 5/31/13

STATE OF

Kentucky

COUNTY OF

Fayette

} SS:

On this 31st day of May, 20 13, personally appeared before me John Stuart Crawford, who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to on this Assignment, and acknowledged that he executed the same.

Notary Public:

[Signature]
#41503

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