## PATENT ASSIGNMENT

**SUBMISSION TYPE:** NEW ASSIGNMENT  
**NATURE OF CONVEYANCE:** ASSIGNMENT

### CONVEYING PARTY DATA

<table>
<thead>
<tr>
<th>Name</th>
<th>Execution Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Andrew I. Poutiatine</td>
<td>04/17/2007</td>
</tr>
<tr>
<td>Charles Rampersaud</td>
<td>03/29/2007</td>
</tr>
<tr>
<td>Thomas Schreck</td>
<td>04/02/2007</td>
</tr>
<tr>
<td>William Kolosi</td>
<td>03/30/2007</td>
</tr>
<tr>
<td>Sascha Retalleau</td>
<td>04/17/2007</td>
</tr>
</tbody>
</table>

### RECEIVING PARTY DATA

<table>
<thead>
<tr>
<th>Name:</th>
<th>AcelRx Pharmaceuticals, Inc.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Street Address:</td>
<td>575 Chesapeake Dr.</td>
</tr>
<tr>
<td>City:</td>
<td>Redwood City</td>
</tr>
<tr>
<td>State/Country:</td>
<td>CALIFORNIA</td>
</tr>
<tr>
<td>Postal Code:</td>
<td>94063</td>
</tr>
</tbody>
</table>

### PROPERTY NUMBERS Total: 1

<table>
<thead>
<tr>
<th>Property Type</th>
<th>Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Application Number:</td>
<td>13744448</td>
</tr>
</tbody>
</table>

### CORRESPONDENCE DATA

Fax Number: 2028427899  
*Correspondence will be sent via US Mail when the fax attempt is unsuccessful.*

Phone: 703-456-8000  
Email: rphelan@cooley.com  
Correspondent Name: Cooley LLP  
Address Line 1: 1299 Pennsylvania Avenue  
Address Line 2: Suite 700, ATTN: Patent Group  
Address Line 4: Washington, DISTRICT OF COLUMBIA 20004-2400

### ATTORNEY DOCKET NUMBER:  
ACEL-011/13US 312523-2123

### NAME OF SUBMITTER:  
Margaret S. Fischofer
<table>
<thead>
<tr>
<th>Signature:</th>
<th>/Margaret S. Fiscofer/ #61,689</th>
</tr>
</thead>
<tbody>
<tr>
<td>Date:</td>
<td>07/22/2013</td>
</tr>
<tr>
<td>Total Attachments:</td>
<td>5</td>
</tr>
<tr>
<td>source=ACEL-011-13US-Assignment2#page1.tif</td>
<td></td>
</tr>
<tr>
<td>source=ACEL-011-13US-Assignment2#page2.tif</td>
<td></td>
</tr>
<tr>
<td>source=ACEL-011-13US-Assignment2#page3.tif</td>
<td></td>
</tr>
<tr>
<td>source=ACEL-011-13US-Assignment2#page4.tif</td>
<td></td>
</tr>
<tr>
<td>source=ACEL-011-13US-Assignment2#page5.tif</td>
<td></td>
</tr>
</tbody>
</table>
ASSIGNMENT

WHEREAS, the undersigned,

Andrew I. Poutiatine, resident of 28 Sir Francis Drake Blvd., San Anselmo, California, 94960; Charles Rampersaud, resident of 945 Union St., #1E, San Francisco, California, 94133; Thomas Schreck, resident of 140 Willowbrook Dr., Portola Valley, California, 94028; William Kolosi, resident of 533 Masonic Av., #1, San Francisco, California, 94117; and Sascha Retailleau, resident of 3025 21st St., #4, San Francisco, California, 94110

("referred to as "Inventor") have invented certain new and useful improvements in "DRUG STORAGE AND DISPENSING DEVICES AND SYSTEMS COMPRISING THE SAME" and has executed an application for U.S. Application, having Serial No. 11/650,230, filing date of January 5, 2007, and

WHEREAS, AcetRx Pharmaceuticals, Inc. (hereinafter termed "Assignee"), a corporation of the State of California, having a place of business at 575 Chesapeake Dr., Redwood City, California, 94063, is desirous of acquiring the entire right, title and interest in and to said application and the invention disclosed therein, and in and to all embodiments of the invention, heretofore conceived, made or discovered by said Inventor (all collectively hereinafter termed "said invention"), and in and to any and all patents, inventor's certificates and other forms of protection (hereinafter termed "patents") thereon granted in the United States and foreign countries.

NOW, THEREFORE, in consideration of good and valuable consideration acknowledged by said Inventor to have been received in full from said Assignee:

1. Said Inventor does hereby sell, assign, transfer and convey unto said Assignee, the entire right, title and interest (a) in and to said application and said invention; (b) in and to all rights to apply for foreign patents on said invention pursuant to the International Convention for the Protection of Industrial Property or otherwise; (c) in and to any and all applications filed and any and all patents granted on said invention in the United States or any foreign country, including each and every application filed and each and every patent granted on any application which is a division, substitution, or continuation of any of said applications; and (d) in and to each and every reissue or extensions of any of said patents.

2. Said Inventor hereby covenants and agrees to cooperate with said Assignee to enable said Assignee to enjoy to the fullest extent the right title and interest herein conveyed in the United
States and foreign countries. Such cooperation by said Inventor shall include prompt production of pertinent facts and documents, giving of testimony, execution of petitions, oaths, specifications, declarations or other papers, and other assistance all to the extent deemed necessary or desirable by said Assignee (a) for perfecting in said Assignee the right, title and interest herein conveyed; (b) for prosecuting any of said applications; (c) for filing and prosecuting substitute, divisional, continuing or additional applications covering said invention; (d) for filing and prosecuting applications for reissue of any said patents; (e) for interference or other priority proceedings involving said invention; and (f) for legal proceedings involving said invention and any applications therefore and any patents granted thereon, including without limitation opposition proceedings, cancellation proceedings, priority contests, public use proceedings, infringement actions and court actions; provided, however, that the expense incurred by said Inventor in providing such cooperation shall be paid for by said Assignee.

3. The terms and covenants of this assignment shall inure to the benefit of said Assignee, its successors, assigns and other legal representatives, and shall be binding upon said Inventor, his/her respective heirs, legal representatives and assigns.

4. Said Inventor hereby warrants and represents that he/she has not entered and will not enter into any assignment, contract, or understanding in conflict herewith.

IN WITNESS WHEREOF, the said Inventor has executed and delivered this instrument to said Assignee.
Date 17 APR 2007

On this__ day of _____________, in the year 2007, before me, ________________, Notary Public, personally appeared Andrew I. Poutiaulte, personally known to me (or proved to me on the basis of evidence) to be the person whose name is subscribed to the within instrument, and acknowledged to me that he/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument, the person or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

Signature ____________________________
(Notary Public)

Date 29 MAR 07

On this__ day of _____________, in the year 2007, before me, ________________, Notary Public, personally appeared Charles Rampersaud, personally known to me (or proved to me on the basis of evidence) to be the person whose name is subscribed to the within instrument, and acknowledged to me that he/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument, the person or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

Signature ____________________________
(Notary Public)
Date 2007-01-07

County of ________________
State of ________________

On this _____ day of ________________, in the year 2007, before me, ________________, Notary Public, personally appeared Thomas Schreek, personally known to me (or proved to me on the basis of evidence) to be the person whose name is subscribed to the within instrument, and acknowledged to me that he/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument, the person or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

Signature __________________________
(Notary Public)

Date 30 Mar 2007

County of ________________
State of ________________

On this _____ day of ________________, in the year 2007, before me, ________________, Notary Public, personally appeared William Kolosi, personally known to me (or proved to me on the basis of evidence) to be the person whose name is subscribed to the within instrument, and acknowledged to me that he/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument, the person or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

Signature __________________________
(Notary Public)
Date 17 APRIL 2007

By: [Signature] Sascha Retailleau

County of [ ]

State of [ ]

On this ___ day of _____________, in the year 2007, before me, ________________, Notary Public, personally appeared Sascha Retailleau, personally known to me (or proved to me on the basis of evidence) to be the person whose name is subscribed to the within instrument, and acknowledged to me that he/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument, the person or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal. Seal

Signature __________________________
(Notary Public)