

PATENT ASSIGNMENT

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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>Andrew Poutiatine</td> <td>05/05/2010</td> </tr> <tr> <td>Bruce Edwards</td> <td>04/30/2010</td> </tr> <tr> <td>Charles Rampersaud</td> <td>04/29/2010</td> </tr> </tbody> </table>		Name	Execution Date	Andrew Poutiatine	05/05/2010	Bruce Edwards	04/30/2010	Charles Rampersaud	04/29/2010		
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RECEIVING PARTY DATA											
<table border="1"> <tr> <td>Name:</td> <td>AcelRx Pharmaceuticals, Inc.</td> </tr> <tr> <td>Street Address:</td> <td>575 Chesapeake Drive</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> </table>		Name:	AcelRx Pharmaceuticals, Inc.	Street Address:	575 Chesapeake Drive	City:	Redwood City	State/Country:	CALIFORNIA	Postal Code:	94063
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PROPERTY NUMBERS Total: 1											
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13416236</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13416236						
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Application Number:	13416236										
CORRESPONDENCE DATA											
Fax Number:	(202)842-7899										
Phone:	703-456-8000										
Email:	rphelan@cooley.com										
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>											
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ATTORNEY DOCKET NUMBER:	ACEL-003/02US 312523-2110										
NAME OF SUBMITTER:	Margaret S. Fiscofer										
<p>Total Attachments: 4 source=ACEL-003-02US-Assignment#page1.tif source=ACEL-003-02US-Assignment#page2.tif source=ACEL-003-02US-Assignment#page3.tif source=ACEL-003-02US-Assignment#page4.tif</p>											

CH \$40.00 13416236

ASSIGNMENT

Case No.: **09-320-US**

Serial No.: **12/724,634**

Inventors: **Andrew Poutiatine, Bruce Edwards and Charles Rampersaud**

Date of Execution
of Application:

Filing Date: **March 16, 2010**

In consideration and other good and valuable considerations in hand paid, the receipt and sufficiency whereof are hereby acknowledged, the undersigned hereby assign to:

Acelrx Pharmaceuticals, Inc.

its successors and assigns, the entire right, title and interest in the invention or improvements of the undersigned disclosed in an application for Letters Patent of the United States, entitled:

**Storage and Dispensing Devices for Administration
of Oral Transmucosal Dosage Forms**

and identified as:

Case No. 09-320-US

in the offices of MCDONNELL BOEHNEN HULBERT & BERGHOFF LLP and in said application and any and all other applications, both United States and foreign (including but not limited to all countries on the list below*), which the undersigned may file, either solely or jointly with others, on said invention or improvements, and in any and all Letters Patent of the United States and foreign countries (including but not limited to all countries on the list below*), which may be obtained on any of said applications, and in any reissue or extension of such patents, and further assigns to said assignee the priority right provided by the International Convention.

The undersigned hereby authorize and request the United States Commissioner of Patents and Trademarks to issue said Letters Patent to said assignee.

The undersigned hereby authorize and request the attorneys of record in said application to insert in this assignment the filing date and serial number of said application when officially known, and the date of execution of the application.

The undersigned warrant themselves to be the owners of the entire right, title and interest in said invention or improvements and to have the right to make this assignment, and further warrant that there are no outstanding prior assignments, licenses, or other encumbrances on the interest herein assigned.

For said considerations the undersigned hereby agree, upon the request and at the expense of said assignee, its successors and assigns, to execute any and all divisional, continuation and substitute applications for said invention or improvements, and any necessary oath, affidavit or declaration relating thereto, and any application for the reissue or extension of any Letters Patent that may be granted upon said application and any and all applications and other documents for Letters Patent in foreign countries (including but not limited to all countries on the list below*) on said invention or improvements, that said assignee, its successors or assigns may deem necessary or expedient, and for the said considerations the undersigned

authorize said assignee to apply for patents for said invention or improvements in its own name in such countries where such procedure is proper and further agree, upon the request of said assignee, its successors and assigns, to cooperate to the best of the ability of the undersigned with said assignee, its successors and assigns, in any proceedings or transactions involving such applications or patents, including the preparation and execution of preliminary statements, giving and producing evidence, and performing any and all other acts necessary to obtain, maintain and enforce said Letters Patent, both United States and foreign, and vest all rights therein hereby conveyed in the assignee, its successors and assigns, whereby said Letters Patent will be held and enjoyed by the said assignee, its successors and assigns, to the full end of the term for which said Letters Patent will be granted, as fully and entirely as the same would have been held and enjoyed by the undersigned if this assignment had not been made.

*Countries include, but are not limited to: all member countries of the Patent Cooperation Treaty (PCT) including Albania, Algeria, Antigua and Barbuda, Armenia, Australia, Austria, Azerbaijan, Barbados, Belarus, Belgium, Belize, Benin, Bosnia and Herzegovina, Brazil, Bulgaria, Burkina Faso, Cameroon, Canada, Central African Republic, Chad, China, Colombia, Congo, Costa Rica, Cote d'Ivoire, Croatia, Cuba, Cyprus, Czech Republic, Democratic People's Republic of Korea, Denmark, Dominica, Ecuador, Estonia, Finland, France, Gabon, Gambia, Georgia, Germany, Ghana, Greece, Grenada, Guinea, Guinea-Bissau, Hungary, Iceland, India, Indonesia, Ireland, Israel, Italy, Japan, Kazakhstan, Kenya, Krygyzstan, Latvia, Lesotho, Liberia, Liechtenstein, Lithuania, Luxembourg, Madagascar, Malawi, Mali, Mauritania, Mexico, Monaco, Mongolia, Monaco, Mongolia, Morocco, Netherlands, New Zealand, Niger, Norway, Poland, Portugal, Republic of Korea, Republic of Moldova, Romania, Russian Federation, Saint Lucia, Senegal, Sierra Leone, Singapore, Slovakia, Slovenia, South Africa, Spain, Sri Lanka, Sudan, Swaziland, Sweden, Switzerland, Tajikstan, The former Yugoslav Republic of Macedonia, Togo, Trinidad and Tobago, Tunisia, Turkey, Turkmenistan, Uganda, Ukraine, United Arab Emirates, United Kingdom, United Republic of Tanzania, United States of America, Uzbekistan, Vietnam, Yugoslavia, Zambia, Zimbabwe.

WITNESS my hand and seal this 5 day of MAY, 2010.


Andrew Poutiatine

State of County of _____

On _____ before me, _____
(here insert name and title of the officer), personally appeared _____
_____ personally known to me (or proved to me on the basis of satisfactory evidence) to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

Signature _____ (Seal)

See Attached
California
All-Purpose Acknowledgement

CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT

State of California

County of MARIN

On MAY 5, 2010 before me, FAATI MAROOFI, NOTARY PUBLIC

personally appeared ANDREW POUTIATINE

who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.



I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.
Signature Faati Maroofi
Signature of Notary Public

Place Notary Seal Above

OPTIONAL

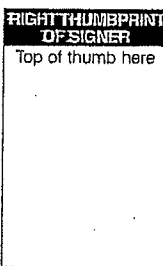
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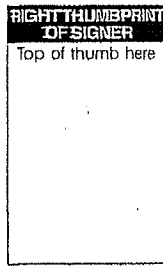
Title or Type of Document: POWER OF ATTORNEY TO EXECUTE PATENT
Document Date: 5/5/2010 Number of Pages: 3
Signer(s) Other Than Named Above: _____

Capacity(ies) Claimed by Signer(s)

Signer's Name: ANDREW POUTIATINE
 Individual
 Corporate Officer — Title(s): _____
 Partner — Limited General
 Attorney in Fact
 Trustee
 Guardian or Conservator
 Other: _____
Signer Is Representing: _____



Signer's Name: _____
 Individual
 Corporate Officer — Title(s): _____
 Partner — Limited General
 Attorney in Fact
 Trustee
 Guardian or Conservator
 Other: _____
Signer Is Representing: _____



WITNESS my hand and seal this 30 day of APRIL, 2010.

Bruce Edwards
Bruce Edwards

State of County of SAN MATEO

On April 30, 2010 before me, Tina Kuhns, Notary Public
(here insert name and title of the officer), personally appeared Bruce Edwards
_____ personally known to me (or proved to me on the basis of satisfactory evidence) to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

Signature [Signature] (Seal)



WITNESS my hand and seal this 29 day of April, 2010.

Charles Rampersaud
Charles Rampersaud

State of County of San Mateo

On April 29, 2010 before me, Tina Kuhns, Notary Public
(here insert name and title of the officer), personally appeared Charles Rampersaud
_____ personally known to me (or proved to me on the basis of satisfactory evidence) to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

Signature [Signature] (Seal)

