Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Pamela Palmer	04/09/2008
Thomas Schreck	04/09/2008
Stelios Tzannis	04/08/2008
Larry Hamel	04/09/2008
Andrew Poutiatine	04/17/2008
Charlie Rampersaud	04/09/2008
Bruce Edwards	04/09/2008

RECEIVING PARTY DATA

Name:	AcelRx Pharmaceuticals, Inc.	
Street Address:	575 Chesapeake Drive	
City:	Redwood City	
State/Country:	CALIFORNIA	
Postal Code:	94063	

PROPERTY NUMBERS Total: 1

Property Type	Number	
Application Number:	11985162	

CORRESPONDENCE DATA

Fax Number: (510)663-0920

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

510-663-1100 Phone: Email: sjoshi@wavsip.com

Correspondent Name: Weaver Austin Villeneuve & Sampson LLP

Address Line 1: P.O.BOX 70250

Address Line 4: OAKLAND, CALIFORNIA 94612-0250

ATTORNEY DOCKET NUMBER: ACRXP003BX1

PATENT

500533869 **REEL: 020916 FRAME: 0127**

NAME OF SUBMITTER:	Emily M. Haliday
Total Attachments: 5 source=ACRXP003BX1_Executed_Assignm source=ACRXP003BX1_Executed_Assignm source=ACRXP003BX1_Executed_Assignm source=ACRXP003BX1_Executed_Assignm	nent#page2.tif nent#page3.tif
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PATENT REEL: 020916 FRAME: 0128

ASSIGNMENT

WHEREAS, the undersigned,

Pamela Palmer, resident of 140 Vasquez, San Francisco, CA 94127 Thomas Schreck, resident of 140 Wilowbrook Drive, Portola Valley, CA 94028 Stelios Tzannis, resident of Wycombe Place, Newark, CA 94560 Larry Hamel, resident of 1215 Arbor Ct., Mountain View, CA 94040 Andrew Poutiatine, resident of 28 Sir Francis Bvd., San Anselmo, CA 94960 Charlie Rampersaud, resident of 945 Union St. #1E, San Francisco, CA 94133 Bruce Edwards, resident of 689 Coleman Ave., Menlo Park, CA 94025

(hereinafter referred to as "INVENTOR") have invented certain new and useful improvements in "Small Volume Oral Transmucosal Dosage Forms Containing Sufentanil For Treatment Of Pain" (hereinafter referred to as the "INVENTION") for which an application for Letters Patent was filed on November 14, 2007 as United States Application Serial No. 11/985,162; and

WHEREAS, AcelRx Pharmaceuticals, Inc., a body corporate organized and existing under the laws of the State of California, having its principal place of business at 575 Chesapeake Drive, Redwood City, CA 94063, United States of America, hereinafter referred to as ASSIGNEE, 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, and the entire right, title and interest in and to any and all Letters Patent which may be granted therefor in the United States and its territorial possessions and in any and all 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 the 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 country throughout the world including each and every application filed and each and every patent granted on any application which is a division, substitution, renewal, continuation in whole or in part, or conversion of any of said applications; and (d) in and to each and every reissue or extension of said patents.

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- 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 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 reissuance of any of said patents; (e) for interference or other priority proceedings involving said *INVENTION*; and (f) for legal proceedings involving said *INVENTION* and any applications therefor 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 *ASSIGNE*, its successors and 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 <i>INVENTOR</i> has executed and delivered this instrument to said <i>ASSIGNEE</i> .
Date: 4/9/08 10/26/10/10
Pamela Palmer
COUNTY of San Mateo)
) ss.
STATE of California.)
On this

WITNESS my hand and official seal.

Signature _____ Notary Public

(SEAL)



IN WITNESS WHEREOF, the said INVENTOR has executed and delivered this instrument to said ASSIGNEE.

Date:	nu Joof	TAS	RUNEO
		Thomas/Sch	hreck
COUNTY of	San Mateo)		
STATE of) ss. California.)		
	appeared Thomas Schreck, pr		me, Motary ne basis of evidence to be the person dged to me that he/she executed the
			on the instrument, the person or the
	of which the person acted, exe		
7 1	1 ,		
WITNESS myha	nd and official seal.		OFFICIAL SEAL
Signature Notary Public	Walls	(SEAL)	TINA MARIE KUHNS NOTARY PUBLIC - CALIFORNIA COMMISSION #1768950 County of San Mateo
riotary rubite			My Commission expires Sept. 18, 2011
			, , , , , , , , , , , , , , , ,
IN WITNESS W. to said ASSIGNED		TOR has execut	ted and delivered this instrument
11 lm	I _	سر جمعید	
Date: $\frac{4/8}{}$	108		our
-	•	Stelios	Tzannis
COUNTY of	San Mateo)	//	
) ss.		
STATE of	California.)		
whose name is subs same in his/her auth	appeared Stelios Tzannis, provescribed to the within instrumen	ved to me on the nt, and acknowled is/her signature o	me, Inc. Lumbs Notary basis of evidence to be the person dged to me that he/she executed the on the instrument, the person or the nent.
WITNESS my har	nd and official seal.		OFFICIAL SEAL
SignatureNotary Public	While	(SEAL)	TINA MARIE KUHNS NOTARY PUBLIC - CALIFORNIA COMMISSION #1768950 County of San Mateo My Commission expires Sept. 18, 2011

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to said ASSIGNEE. April 9, 2008 COUNTY of San Mateo)) ss. California.) STATE of On this 4 day of 401 in the year 2008, before me, 1100 Public, personally appeared Larry Hamel, 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. TINA MARIE KUHNS OTARY PUBLIC - CALIFORNIA COMMISSION #1768950 County of San Mateo (SEAL) Signature My Commission expires Sept. 18, 203 IN WITNESS WHEREOF, the said *INVENTOR* has executed and delivered this instrument to said ASSIGNEE. Andrew Poutiatine COUNTY of San Mateo)) ss. STATE of California.) On this 17 day of ADY 1 in the year 2008, before me, TING VII INS Notary Public, personally appeared Andrew Poutiatine, 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 band and official seal. Signature (SEAL) TINA MARIE KUHNS
NOTARY PUBLIC - CALIFORNIA
COMMISSION #1768950 County of San Mateo

IN WITNESS WHEREOF, the said INVENTOR has executed and delivered this instrument

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REEL: 020916 FRAME: 0132

IN WITNESS WHEREOF, the said INVENTOR has executed and delivered this instrument
to said ASSIGNEE.
Date: 09 April 2608 Charlie Rampersaud
COUNTY of San Mateo)
) ss.
STATE of California.)
On this day of in the year 2008, before me, Inackens Notary Public, personally appeared Charlie Rampersaud, 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 (SEAL) Notary Public - CALIFORNIA COMMISSION #1768950 County of San Mateo My Commission expires Sept. 18, 2011
IN WITNESS WHEREOF, the said INVENTOR has executed and delivered this instrument
to said ASSIGNEE.
K PS 1
Date: 69 APPL 2008 Bruce Edwards
COUNTY of San Mateo)
) ss. STATE of California.)
On this day of day of in the year 2008, before me, Induction, Notary Public, personally appeared Bruce Edwards, 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 (SEAL) Notary Public (SEAL) OFFICIAL SEAL TINA MARIE KUHNS NOTARY PUBLIC - CALIFORNIA COMMISSION #1768950 County of San Mateo My Commission expires Sept. 18, 2011

RECORDED: 05/01/2008

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