

## PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

## CONVEYING PARTY DATA

Name	Execution Date
AMPIO PHARMACEUTICALS, INC.	12/03/2013

## RECEIVING PARTY DATA

Name:	VYRIX PHARMACEUTICALS, INC.
Street Address:	5445 DTC PARKWAY
Internal Address:	SUITE 925
City:	GREENWOOD VILLAGE
State/Country:	COLORADO
Postal Code:	80111

## PROPERTY NUMBERS Total: 11

Property Type	Number
Application Number:	10098826
Application Number:	11219322
Application Number:	60276806
Application Number:	12029783
Application Number:	13247347
Application Number:	13247387
Application Number:	60889369
Application Number:	12029973
Application Number:	13970198
Application Number:	13247450
Application Number:	60889380

## CORRESPONDENCE DATA

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NAME OF SUBMITTER:	ANGELA M. DOMITROVICH
Signature:	/Angela M. Domitrovich/
Date:	01/02/2014

Total Attachments: 8  
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## ASSIGNMENT

WHEREAS, Ampio Pharmaceuticals, Inc., a Delaware corporation ("AMPIO"), owns, by assignment, all right, title, and interest in the patents and applications set forth in Attachment A to this Assignment ("PATENTS").

Vyrix Pharmaceuticals, Inc., a Delaware corporation ("VYRIX"), desires to own AMPIO's entire right, title, and interest in and to the inventions described and claimed in the Patents, in all countries throughout the world.

NOW THEREFORE, be it known that, for good and valuable consideration, receipt of which is hereby acknowledged, AMPIO hereby sells, assigns, transfers, and sets over to VYRIX, its lawful successors and assigns, AMPIO's entire right, title, and interest in and to the PATENTS, the inventions claimed therein, for the territory of the United States of America and all continuation, divisional, continuation-in-part and reissue applications, all patent applications in foreign countries, all applications pursuant to the Patent Cooperation Treaty, and all applications for extension filed or to be filed for the invention, and all Letters Patent, Invention Registrations, Utility Models, Extensions or Reissues and all Letters Patent of the United States that may be granted thereon, and all reissues, reexaminations, and extensions thereof; and all rights to claim priority on the basis of such application, and all applications for Letters Patent that may be filed for the invention in any foreign country and all Letters Patent that may be granted on the invention in any foreign country, and all extensions, renewals, and reissues thereof; and AMPIO hereby authorizes and requests the Commissioner of Patents and Trademarks of the United States and any official of any foreign country whose duty it is to issue patents on applications as described above, to issue all Letters Patent for this invention to VYRIX, its successors and assigns, in accordance with the terms of this Assignment;

AND, AMPIO HEREBY further covenants that AMPIO has the full right to convey the interest assigned by this Assignment, AMPIO will take all action and execute all documents necessary to perfect the interest assigned hereby, and AMPIO has not executed and will not execute any agreement in conflict with this Assignment.

IN TESTIMONY WHEREOF, each party has caused its authorized representative to execute this Assignment.

**AMPIO PHARMACEUTICALS, INC.**

By: *Mike Macaluso*

Name: *Mike Macaluso*

Title: *CEO*

Date: *12/3/13*

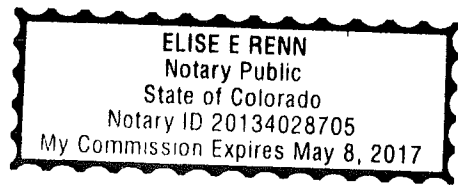
STATE OF *Colorado* )  
 ) ss.  
COUNTY OF *Arapahoe* )

Before me, a Notary Public in and for said County and State, personally appeared *Mike Macaluso*, known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he/she executed the same for the purposes and considerations therein expressed.

Given under my hand and seal of office this *3* day of *December*, 2013.

*[Signature]*  
Notary Public

My Commission Expires: *May 8, 2017*





Attachment A

SR File No.	Title	CNTRY	Serial #	Filed Date	Patent #	Issue Date
4172-59	Method of Delaying Ejaculation	US	10/098,826	3/15/2002	6,974,839	12/13/2005
4172-59-CON	Method of Delaying Ejaculation	US	11/219,322	9/1/2005		
4172-59-PAU	Method of Delaying Ejaculation	AU	2002 252 361	3/15/2002	2002 252 361	12/22/2005
4172-59-PCA	Use of Tramadol to Delay Ejaculation	CA	2,440,920	3/15/2002	2,440,920	1/24/2012
4172-59-PCA-DIV	Use of Tramadol to Delay Ejaculation	CA	2,758,923	3/15/2002		
4172-59-PCN	Method of Delaying Ejaculation	CN	02809928.1	3/15/2002	ZL02809928.1	
4172-59-PCT	Method of Delaying Ejaculation	WO	US02/07928	3/15/2002		
4172-59-PEP	Method of Delaying Ejaculation	EP	02721427.9	3/15/2002	1397126	5/24/2006
4172-59-PEPAT	Method of Delaying Ejaculation	AT	02721427.9	3/15/2002	1397126	5/24/2006
4172-59-PEPBE	Method of Delaying Ejaculation	BE	02721427.9	3/15/2002	1397126	5/24/2006
4172-59-PEPCH	Method of Delaying Ejaculation	CH	02721427.9	3/15/2002	1397126	5/24/2006
4172-59-PEPCY	Method of Delaying Ejaculation	CY	02721427.9	3/15/2002	1397126	5/24/2006
4172-59-PEPDE	Method of Delaying Ejaculation	DE	02721427.9	3/15/2002	DE60211689	5/24/2006
4172-59-PEPDK	Method of Delaying Ejaculation	DK	02721427.9	3/15/2002	1397126	5/24/2006
4172-59-PEPES	Method of Delaying Ejaculation	ES	02721427.9	3/15/2002	1397126	5/24/2006
4172-59-PEPFI	Method of Delaying Ejaculation	FI	02721427.9	3/15/2002	1397126	5/24/2006
4172-59-PEPFR	Method of Delaying Ejaculation	FR	02721427.9	3/15/2002	1397126	5/24/2006
4172-59-PEPGB	Method of Delaying Ejaculation	GB	02721427.9	3/15/2002	1397126	5/24/2006
4172-59-PEPGR	Method of Delaying Ejaculation	GR	02721427.9	3/15/2002	1397126	5/24/2006
4172-59-PEPIE	Method of Delaying Ejaculation	IE	02721427.9	3/15/2002	1397126	5/24/2006
4172-59-PEPIT	Method of Delaying Ejaculation	IT	02721427.9	3/15/2002	1397126	5/24/2006
4172-59-PEPLU	Method of Delaying Ejaculation	LU	02721427.9	3/15/2002	1397126	5/24/2006
4172-59-PEPMC	Method of Delaying Ejaculation	MC	02721427.9	3/15/2002	1397126	5/24/2006
4172-59-PEPNL	Method of Delaying Ejaculation	NL	02721427.9	3/15/2002	1397126	5/24/2006

SR File No.	Title	CNTRY	Serial #	Filed Date	Patent #	Issue Date
4172-59-PEPPT	Method of Delaying Ejaculation	PT	02721427.9	3/15/2002	1397126	5/24/2006
4172-59-PEPSE	Method of Delaying Ejaculation	SE	02721427.9	3/15/2002	1397126	5/24/2006
4172-59-PEPTR	Method of Delaying Ejaculation	TR	02721427.9	3/15/2002	1397126	5/24/2006
4172-59-PHK	Use of a Tramadol Material in the Preparation of a	HK	05101017.2	3/15/2002	HK1068549	7/13/2007
4172-59-PJP	Method of Delaying Ejaculation	JP	2002-572952	3/15/2002	4377585	9/18/2009
4172-59-PKR	Pharmaceutical Composition for Delaying Ejaculation in a	KR	2003-7012090	3/15/2002	10-0908350	7/10/2009
4172-59-PMX	Method of Delaying Ejaculation	MX	PA/a/2003/008372	3/15/2002	244522	3/28/2007
4172-59-PNZ	Method of Delaying Ejaculation	NZ	528935	3/15/2002	528935	2/10/2005
4172-59-PPH	Method of Delaying Ejaculation	PH	1-2003-500893	9/15/2003	1-2003-500893	10/19/2007
4172-59-PROV	Method of Delaying Ejaculation	US	60/276,806	3/16/2001		
4172-59-PSG	Method of Delaying Ejaculation	SG	200304937-6	3/15/2002	98942	8/31/2006
4172-59-PZA	Method of Delaying Ejaculation	ZA	2003/08067	3/15/2002	2003/08067	3/30/2005
4172-101	Treatment of Comorbid Premature Ejaculation and	US	12/029,783	2/12/2008		
4172-101-DIV1	Treatment of Comorbid Premature Ejaculation and	US	13/247,347	9/28/2011		
4172-101-DIV2	Treatment of Comorbid Premature Ejaculation and	US	13/247,387	9/28/2011		
4172-101-PAU	Treatment of Comorbid Premature Ejaculation and	AU	2008216356	2/12/2008		
4172-101-PBR	Treatment of Comorbid Premature Ejaculation and	BR	PI-0807282-5	2/12/2008		
4172-101-PCA	Treatment of Comorbid Premature Ejaculation and	CA	2,677,690	2/12/2008	2,677,690	5/15/2012
4172-101-PCN	Treatment of Comorbid Premature Ejaculation and	CN	200880011802.5	2/12/2008		
4172-101-PCT	Treatment of Comorbid Premature Ejaculation and	WO	PCT/US08/53710	2/12/2008		
4172-101-PEP	Treatment of Comorbid Premature Ejaculation and	EP	08729644.8	2/12/2008	2120570	5/16/2012
4172-101-PEPAT	Treatment of Comorbid Premature Ejaculation and	AT	08729644.8	2/12/2008	2120570	5/16/2012
4172-101-PEPBE	Treatment of Comorbid Premature Ejaculation and	BE	08729644.8	2/12/2008	2120570	5/16/2012
4172-101-PEPCH	Treatment of Comorbid Premature Ejaculation and	CH	08729644.8	2/12/2008	2120570	5/16/2012
4172-101-PEPDE	Treatment of Comorbid Premature Ejaculation and	DE	08729644.8	2/12/2008	602008015634.6	5/16/2012

SR File No.	Title	CNTRY	Serial #	Filed Date	Patent #	Issue Date
4172-101-PEP-DIV	Treatment of Comorbid Premature Ejaculation and	EP	12167624.1	2/12/2008		
4172-101-PEPDK	Treatment of Comorbid Premature Ejaculation and	DK	08729644.8	2/12/2008	2120570	5/16/2012
4172-101-PEPES	Treatment of Comorbid Premature Ejaculation and	ES	08729644.8	2/12/2008	2120570	5/16/2012
4172-101-PEPFR	Treatment of Comorbid Premature Ejaculation and	FR	08729644.8	2/12/2008	2120570	5/16/2012
4172-101-PEPGB	Treatment of Comorbid Premature Ejaculation and	GB	08729644.8	2/12/2008	2120570	5/16/2012
4172-101-PEPGR	Treatment of Comorbid Premature Ejaculation and	GR	08729644.8	2/12/2008	2120570	5/16/2012
4172-101-PEPHK	Treatment of Comorbid Premature Ejaculation and	HK	09111745.6	2/12/2008	1132882	9/21/2012
4172-101-PEPIT	Treatment of Comorbid Premature Ejaculation and	IT	08729644.8	2/12/2008	2120570	5/16/2012
4172-101-PEPNL	Treatment of Comorbid Premature Ejaculation and	NL	08729644.8	2/12/2008	2120570	5/16/2012
4172-101-PEPNO	Treatment of Comorbid Premature Ejaculation and	NO	08729644.8	2/12/2008	2120570	5/16/2012
4172-101-PEPPL	Treatment of Comorbid Premature Ejaculation and	PL	08729644.8	2/12/2008	2120570	5/16/2012
4172-101-PEPSE	Treatment of Comorbid Premature Ejaculation and	SE	08729644.8	2/12/2008	2120570	5/16/2012
4172-101-PEPTR	Treatment of Comorbid Premature Ejaculation and	TR	08729644.8	2/12/2008	TR 2012 09262 T4	5/16/2012
4172-101-PIN	Treatment of Comorbid Premature Ejaculation and	IN	5193/DELNP/2009	2/12/2008		
4172-101-PJP	Use of Tramadol and PDE Inhibitor for Manufacture of	JP	2009-549684	2/12/2008		
4172-101-PKR	Treatment of Comorbid Premature Ejaculation and	KR	2009-7018878	2/12/2008		
4172-101-PMX	Treatment of Comorbid Premature Ejaculation and	MX	MX/a/2009/008491	2/12/2008	307089	1/29/2013
4172-101-PNZ	Treatment of Comorbid Premature Ejaculation and	NZ	579169	2/12/2008	579169	9/3/2012
4172-101-PPH	Treatment of Comorbid Premature Ejaculation and	PH	1-2009-501560	2/12/2008		
4172-101-PROV	Treatment of Comorbid Premature Ejaculation and	US	60/889,369	2/12/2007		
4172-101-PSG	Treatment of Comorbid Premature Ejaculation and	SG	200905212-7	2/12/2008		
4172-101-PSG-DIV	Treatment of Comorbid Premature Ejaculation and	SG	201105868-2	2/12/2008	174079	2/28/2013
4172-101-PZA	Treatment of Comorbid Premature Ejaculation and	ZA	2009/06186	2/12/2008	2009/06186	2/27/2013
4172-102	Reducing Side Effects of Tramadol	US	12/029,973	2/12/2008		
4172-102-CON1	Reducing Side Effects of Tramadol	US	13/970,198	8/19/2013		



SR File No.	Title	CNTRY	Serial #	Filed Date	Patent #	Issue Date
4172-102-DIV1	Reducing Side Effects of Tramadol	US	13/247,450	9/28/2011		
4172-102-PAU	Reducing Side Effects of Tramadol	AU	2008216363	2/12/2008		
4172-102-PBR	Reducing Side Effects of Tramadol	BR	PI-0807281-7	2/12/2008		
4172-102-PCA	Reducing Side Effects of Tramadol	CA	2,677,691	2/12/2008	2,677,691	7/31/2012
4172-102-PCN	Reducing Side Effects of Tramadol	CN	200880011692.2	2/12/2008		
4172-102-PCT	Reducing Side Effects of Tramadol	WO	PCT/US08/53722	2/12/2008		
4172-102-PEP	Reducing Side Effects of Tramadol	EP	08729655.4	2/12/2008	2114147	5/16/2012
4172-102-PEPAT	Reducing Side Effects of Tramadol	AT	08729655.4	2/12/2008	2114147	5/16/2012
4172-102-PEPBE	Reducing Side Effects of Tramadol	BE	08729655.4	2/12/2008	2114147	5/16/2012
4172-102-PEPCH	Reducing Side Effects of Tramadol	CH	08729655.4	2/12/2008	2114147	5/16/2012
4172-102-PEPDE	Reducing Side Effects of Tramadol	DE	08729655.4	2/12/2008	602008015635.4	5/16/2012
4172-102-PEP-DIV	Reducing Side Effects of Tramadol	EP	12167725.6	2/12/2008		
4172-102-PEPDK	Reducing Side Effects of Tramadol	DK	08729655.4	2/12/2008	2114147	5/16/2012
4172-102-PEPES	Reducing Side Effects of Tramadol	ES	08729655.4	2/12/2008	2114147	5/16/2012
4172-102-PEPFR	Reducing Side Effects of Tramadol	FR	08729655.4	2/12/2008	2114147	5/16/2012
4172-102-PEPGB	Reducing Side Effects of Tramadol	GB	08729655.4	2/12/2008	2114147	5/16/2012
4172-102-PEPGR	Reducing Side Effects of Tramadol	GR	08729655.4	2/12/2008	2114147	5/16/2012
4172-102-PEPHK	Reducing Side Effects of Tramadol	HK	09110782.2	2/12/2008	1131730	9/21/2012
4172-102-PEPIT	Reducing Side Effects of Tramadol	IT	08729655.4	2/12/2008	2114147	5/16/2012
4172-102-PEPNL	Reducing Side Effects of Tramadol	NL	08729655.4	2/12/2008	2114147	5/16/2012
4172-102-PEPNO	Reducing Side Effects of Tramadol	NO	08729655.4	2/12/2008	2114147	5/16/2012
4172-102-PEPPL	Reducing Side Effects of Tramadol	PL	08729655.4	2/12/2008	2114147	5/16/2012
4172-102-PEPSE	Reducing Side Effects of Tramadol	SE	08729655.4	2/12/2008	2114147	5/16/2012
4172-102-PEPTR	Reducing Side Effects of Tramadol	TR	08729655.4	2/12/2008	TR 2012 09263 T4	5/16/2012
4172-102-PIN	Reducing Side Effects of Tramadol	IN	5245/DELNP/2009	2/12/2008		

SR File No.	Title	CNTRY	Serial #	Filed Date	Patent #	Issue Date
4172-102-PJP	Use of Tramadol and PDE Inhibitor for Manufacture of	JP	2009-549685	2/12/2008		
4172-102-PKR	Reducing Side Effects of Tramadol	KR	2009-7018879	2/12/2008		
4172-102-PKR-DIV	Reducing Side Effects of Tramadol	KR	10-2013-7027225	2/12/2008		
4172-102-PMX	Reducing Side Effects of Tramadol	MX	MX/a/2009/008511	2/12/2008	300334	6/15/2012
4172-102-PNZ	Reducing Side Effects of Tramadol	NZ	579170	2/12/2008	579170	9/3/2012
4172-102-PPH	Reducing Side Effects of Tramadol	PH	1-2009-501561	2/12/2008		
4172-102-PROV	Reducing Side Effects of Tramadol	US	60/889,380	2/12/2007		
4172-102-PSG	Reducing Side Effects of Tramadol	SG	200905211-9	2/12/2008		
4172-102-PSG-DIV	Reducing Side Effects of Tramadol	SG	201200953-6	2/12/2008	178775	4/15/2013
4172-102-PZA	Reducing Side Effects of Tramadol	ZA	2009/06187	2/12/2008		