#### 503009972 10/08/2014

# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT3056572

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
LORRAINE REEVE	09/01/2010
BRUCE MARKHAM	06/17/2010

### **RECEIVING PARTY DATA**

Name:	PHRIXUS PHARMACEUTICALS, INC.
Street Address:	300 NORTH FIFTH AVENUE
Internal Address:	STE. 150
City:	ANN ARBOR
State/Country:	MICHIGAN
Postal Code:	48104

## **PROPERTY NUMBERS Total: 1**

Property Type	Number	
Application Number:	14508599	

### CORRESPONDENCE DATA

Fax Number: (608)662-1276

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent

using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

Phone: 608-662-1277

Email: tnricholson@casimirjones.com

**CASIMIR JONES SC Correspondent Name:** Address Line 1: 2275 DEMING WAY

Address Line 2: STE. 310

Address Line 4: MIDDLETON, WISCONSIN 53562

ATTORNEY DOCKET NUMBER:	UM-30248/US-3/DIV
NAME OF SUBMITTER:	ROBERT A. GOETZ
SIGNATURE:	/Robert A. Goetz/
DATE SIGNED:	10/08/2014

#### **Total Attachments: 2**

source=30248US2PCTAssignmentREEVEandMARKHAMExec#page1.tif source=30248US2PCTAssignmentREEVEandMARKHAMExec#page2.tif

**PATENT** REEL: 033909 FRAME: 0144 503009972

#### **ASSIGNMENT**

WHEREAS, WE, Lorraine Reeve, and Bruce Markham hereinafter referred to as "ASSIGNORS," have invented certain new and useful improvements as described and set forth in the below-identified application for United States Letters Patent:

 Title of Invention:
 COMPOSITIONS AND METHODS FOR TREATING AND PREVENTING SKELETAL MUSCLE DEFICIENCIES

 Filing Date:
 June 9, 2010 Serial No.: 12/747,073 December 17, 2008 PCT/US2008/087185 December 17, 2007 61/014,304

WHEREAS, PHRIXUS PHARMACEUTICALS, INC., having a place of business at 300 North Fifth Avenue, Suite 150, Ann Arbor, Michigan 48104, hereinafter referred to as "ASSIGNEE," is desirous of acquiring the entire right, title and interest in said invention and application and in any Letters Patent which may be granted on the same;

NOW THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that, for and in consideration of the sum of One Dollar (\$1.00) lawful money paid to ASSIGNORS by ASSIGNEE, and other good and valuable consideration, receipt of which is hereby acknowledged, ASSIGNORS have sold, assigned and transferred, and by these presents do sell, assign and transfer unto said ASSIGNEE, and ASSIGNEE's successors and assigns, all right, title and interest in and to said invention, said application for United States Letters Patent, and any Letters Patent which may hereafter be granted on the same in the United States and all countries throughout the world, including any divisions, renewals, continuations in whole or in part, substitutions, conversions, reissues, or prolongations or extensions thereof, said interest to be held and enjoyed by said ASSIGNEE as fully and exclusively as it would have been held and enjoyed by said ASSIGNORS had this assignment and transfer not been made, to the full extent and term of any Letters Patent.

ASSIGNORS further agree that ASSIGNORS will, without charge to said ASSIGNEE, but at ASSIGNEE's expense, cooperate with ASSIGNEE in the prosecution of said application and/or applications; execute, verify, acknowledge, and deliver all such further papers, including applications for Letters Patent and for the reissue thereof, and instruments of assignment and transfer thereof; and perform such other acts as ASSIGNEE lawfully may request, to obtain or maintain Letters Patent for said invention and improvement in any and all countries, and to vest title thereto in said ASSIGNEE, or ASSIGNEE's successors and assigns.

IN TESTIMONY WHEREOF, ASSIGNORS have hereunto signed ASSIGNORS' names to this Assignment on the date indicated below

indicated below.			_
Lorraine REEVE	9/1/2010 DATE	BRUCE MARKHAM	DATE
STATE OF New Hampshine )  COUNTY OF Hillsborough )  ss.			
COUNTY OF Hillsborough )			
On this 15t day of 5e undersigned Notary Public or Witness, personall basis of satisfactory evidence) to be the persons of executed the same.	y appeared the above-	named ASSIGNORS, known to me (o	or proven to me on the
MINIM MCDONAL DIMINI		NOTARY PUBLIC or WITNESS	
SEAL ON THE OK T		MY COMMISSION EXPIRES: 9	183/2014
NEW HAME SOLITION OF THE PROPERTY OF THE PROPE			

PATENT REEL: 033909 FRAME: 0145

#### ASSIGNMENT

WHEREAS, WE, Lorraine Reeve, and Bruce Markham hereinafter referred to as "ASSIGNORS," have invented certain new and useful improvements as described and set forth in the below-identified application for United States Letters Patent:

Title of Invention:

COMPOSITIONS AND METHODS FOR TREATING AND PREVENTING

SKELETAL MUSCLE DEFICIENCIES

Filing Date:

June 9, 2010

Serial No.:

12/747.073

December 17, 2008

PCT/US2008/087185

December 17, 2007 61/014,304

WHEREAS, PHRIXUS PHARMACEUTICALS, INC., having a place of business at 300 North Fifth Avenue, Suite 150, Ann Arbor, Michigan 48104, hereinafter referred to as "ASSIGNEE," is desirous of acquiring the entire right, title and interest in said invention and application and in any Letters Patent which may be granted on the same;

NOW THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that, for and in consideration of the sum of One Dollar (\$1.00) lawful money paid to ASSIGNORS by ASSIGNEE, and other good and valuable consideration, receipt of which is hereby acknowledged, ASSIGNORS have sold, assigned and transferred, and by these presents do sell, assign and transfer unto said ASSIGNEE, and ASSIGNEE's successors and assigns, all right, title and interest in and to said invention, said application for United States Letters Patent, and any Letters Patent which may hereafter be granted on the same in the United States and all countries throughout the world, including any divisions, renewals, continuations in whole or in part, substitutions, conversions, reissues, or prolongations or extensions thereof, said interest to be held and enjoyed by said ASSIGNEE as fully and exclusively as it would have been held and enjoyed by said ASSIGNORS had this assignment and transfer not been made, to the full extent and term of any Letters Patent.

ASSIGNORS further agree that ASSIGNORS will, without charge to said ASSIGNEE, but at ASSIGNEE's expense, cooperate with ASSIGNEE in the prosecution of said application and/or applications; execute, verify, acknowledge, and deliver all such further papers, including applications for Letters Patent and for the reissue thereof, and instruments of assignment and transfer thereof; and perform such other acts as ASSIGNEE lawfully may request, to obtain or maintain Letters Patent for said invention and improvement in any and all countries, and to vest title thereto in said ASSIGNEE, or ASSIGNEE's successors and assigns.

IN TESTIMONY WHEREOF, ASSIGNORS have hereunto signed ASSIGNORS' names to this Assignment on the date indicated below.

		Burn I. Mah	6/17/2010
LORKAINE REEVE	DATE	BRUCE MARKHAM	DATE
STATE OF MICHIGAN	) ) ss.		
COUNTY OF DAKLAND	,		
On this 17 <sup>th</sup> undersigned Notary Public or Witner basis of satisfactory evidence) to be executed the same.	the persons whose names are subsc	named ASSIGNORS, know cribed to the within instrume MOTARY PUBLIC or WI	n to me (or proven to me on the ent, and acknowledged that they
SEAL Daniel E. Scho Notary Public - State of County of Gald	of Michigan	MY COMMISSION EXPI	RES: 3/26/2015

PATENT REEL: 033909 FRAME: 0146

**RECORDED: 10/08/2014** 

My Commission expires March 26, 2015
Acting in the County of Link County