

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT												
NATURE OF CONVEYANCE:	Corrective Assignment to correct the referenced application numbers previously recorded on Reel 024019 Frame 0910. Assignor(s) hereby confirms the Assignment.												
CONVEYING PARTY DATA													
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Bruce Edward Markham</td> <td>01/16/2013</td> </tr> </tbody> </table>		Name	Execution Date	Bruce Edward Markham	01/16/2013								
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RECEIVING PARTY DATA													
<table border="1"> <tr> <td>Name:</td> <td>Phrixus Pharmaceuticals, Inc.</td> </tr> <tr> <td>Street Address:</td> <td>1600 Huron Parkway</td> </tr> <tr> <td>Internal Address:</td> <td>Building 520, 2nd Floor</td> </tr> <tr> <td>City:</td> <td>Ann Arbor</td> </tr> <tr> <td>State/Country:</td> <td>MICHIGAN</td> </tr> <tr> <td>Postal Code:</td> <td>48109</td> </tr> </table>		Name:	Phrixus Pharmaceuticals, Inc.	Street Address:	1600 Huron Parkway	Internal Address:	Building 520, 2nd Floor	City:	Ann Arbor	State/Country:	MICHIGAN	Postal Code:	48109
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Application Number:	12593798												
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CORRESPONDENCE DATA													
Fax Number:	2693377839												
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>													
Phone:	(269) 337-7838												
Email:	patent@honigman.com												
Correspondent Name:	Andrew N. Weber												
Address Line 1:	350 E. Michigan Avenue												
Address Line 2:	Suite 300												
Address Line 4:	Kalamazoo, MICHIGAN 49007												
ATTORNEY DOCKET NUMBER:	219948-128391												
NAME OF SUBMITTER:	Andrew N. Weber												

CH \$80.00 12593798

Total Attachments: 6

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03/03/2010
 501107769

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Bruce E. Markham PhD	03/03/2010

RECEIVING PARTY DATA

Name:	Phrixus Pharmaceuticals, Inc.
Street Address:	300 N. Fifth Avenue
Internal Address:	Suite 150
City:	Ann Arbor
State/Country:	MICHIGAN
Postal Code:	48104

PROPERTY NUMBERS Total: 3

Property Type	Number
Application Number:	60922765
Application Number:	12593798
PCT Number:	US0804437

CORRESPONDENCE DATA

Fax Number: (269)337-7839
Correspondence will be sent via US Mail when the fax attempt is unsuccessful.
Phone: 269-337-7700
Email: patent@honigman.com
Correspondent Name: Andrew N. Weber
Address Line 1: 350 E. Michigan Avenue
Address Line 2: Suite 300
Address Line 4: Kalamazoo, MICHIGAN 49007

ATTORNEY DOCKET NUMBER:	219948-128391
NAME OF SUBMITTER:	Andrew Weber

CH \$120.00 60922765

Total Attachments: 3

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ASSIGNMENT

I,

(1) Bruce Edward Markham, of Novi, MI, USA,

for good and valuable consideration, receipt of which is hereby acknowledged, have assigned, sold and transferred to, by virtue of my agreement with Phrixus Pharmaceuticals, Inc. and do hereby assign, sell and transfer to, Phrixus Pharmaceuticals, Inc., a corporation organized and existing under the laws of the State of Michigan and having an office and a place of business at 1600 Huron Parkway, Building 520, 2nd Floor, Ann Arbor, MI 48109, its successors and assigns, all hereinafter referred to as the ASSIGNEE:

(1) the entire right, title and interest in the United States and in all countries throughout the world in and to any and all of my/our inventions, and discoveries disclosed in:

(a) the application for United States Letters Patent entitled: COMPOSITIONS AND METHODS FOR THE TREATMENT OF HEART FAILURE, and filed in the United States Patent and Trademark Office on September 29, 2009, under Application Number 12/593,798, including any renewals, revivals, reissues, reexaminations, extensions, continuations, and divisions thereof, and any substitute applications therefor, and/or

(b) the International Patent Application entitled: COMPOSITIONS AND METHODS FOR THE TREATMENT OF HEART FAILURE, filed under the Patent Cooperation Treaty in the United States Receiving Office on April 4, 2008,

under Application No. PCT/US2008/004437, and designating all countries, including any renewals, revivals, reissues, reexaminations, extensions, continuations and divisions thereof, and any substitute applications therefor;

(2) the full and complete right to file patent applications in the name of the ASSIGNEE, its designee, or in my name at the election of the ASSIGNEE or its designee, on the aforesaid inventions, discoveries and applications in the United States and in any other country of the world;

(3) the entire right, title and interest in and to any Letters Patent which may issue thereon in the United States or in any other country of the world, and in and to any renewals, revivals, reissues, reexaminations, extensions, continuations and divisions thereof; and

(4) the entire right, title and interest in and to all Convention and Treaty Rights of all kinds thereon, including without limitation all rights of priority in any country of the world, in

and to the above inventions, discoveries and applications including, but not limited to, the following priority application(s):

60/922,047	US	April 5, 2007
Application No.	Country	Filing Date

and all rights of priority in any country of the world deriving from the above-identified International Patent Application.

I hereby authorize and request the competent authorities to grant and to issue any and all such Letters Patent in the United States and throughout the world to the ASSIGNEE of the entire right, title and interest therein, as fully and entirely as the same would have been held and enjoyed by me had this assignment, sale and transfer not been made.

I agree, at any time, upon the request of the ASSIGNEE to execute and to deliver to the ASSIGNEE any additional applications for patents for said inventions and discoveries, or any part or parts thereof, and any applications for patents of confirmation, registration and importation based on any Letters Patent issuing on said inventions, discoveries or applications, and divisions, continuations, renewals, revivals, reissues, reexaminations and extensions thereof.

I further agree at any time to execute and to deliver upon request of the ASSIGNEE such additional documents, if any, as are necessary or desirable to secure patent protection on said inventions, discoveries and applications throughout all countries of the world, and otherwise to do the necessary to give full effect to and to perfect the rights of the ASSIGNEE under this Assignment, including the execution, delivery and procurement of any and all further documents evidencing this assignment, transfer and sale as may be necessary or desirable.

Bruce E. Markham

(1) Bruce Edward Markham

Date: 01/16/2013

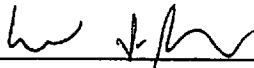
STATE OF MICHIGAN)
) SS.
COUNTY OF _____)

On this 16th day of Jan, 2013, before me, the undersigned notary public, personally appeared Bruce Edward Markham, proved to me through satisfactory evidence of identification which was/were: personal knowledge of identity, a driver's license, other (please identify) _____, to be the person whose name is signed on this document, and who swore or affirmed to me that the contents of the document are truthful and accurate to the best of his/her knowledge and belief.

Sally A. Ingalls
Notary Public
My Commission Expires: _____

SALLY A. INGALLS
NOTARY PUBLIC - STATE OF MICHIGAN
COUNTY OF WASHTENAW
My Commission expires January 3, 2015
Acting in the County of _____

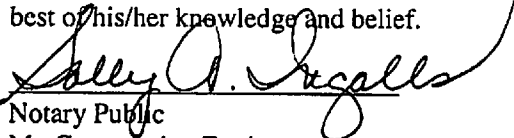
ACKNOWLEDGMENT OF ASSIGNEE

By: 
Thomas A. Collet, Ph.D.
Chairman
PHRIXUS PHARMACEUTICALS, INC.

Date: 1-16-13

STATE OF MICHIGAN)
) SS.
COUNTY OF _____)

On this 16th day of Jan, 2013, before me, the undersigned notary public, personally appeared Thomas A. Collet, Ph.D., proved to me through satisfactory evidence of identification which was/were: personal knowledge of identity, a driver's license, other (please identify) _____, to be the person whose name is signed on this document, and who swore or affirmed to me that the contents of the document are truthful and accurate to the best of his/her knowledge and belief.


Notary Public
My Commission Expires: _____.

SALLY A. INGALLS
NOTARY PUBLIC - STATE OF MICHIGAN
COUNTY OF WASHTENAW
My Commission expires January 3, 2015
Acting in the County of _____