

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
HemaQuest Pharmaceuticals, Inc.	01/30/2013
RECEIVING PARTY DATA	
Name:	Phoenicia Biosciences, Inc.
Street Address:	45 Beaver Road
City:	Weston
State/Country:	MASSACHUSETTS
Postal Code:	02493
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	12212000
CORRESPONDENCE DATA	
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<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
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ATTORNEY DOCKET NUMBER:	3046.004.US
NAME OF SUBMITTER:	James Remenick
Total Attachments: 4 source=3046_004US_ExecutedAssignment#page1.tif source=3046_004US_ExecutedAssignment#page2.tif source=3046_004US_ExecutedAssignment#page3.tif source=3046_004US_ExecutedAssignment#page4.tif	

OP \$40.00 12212000

PATENT

ASSIGNMENT

WHEREAS, HemaQuest, Pharmaceuticals, Inc., with an address at 11995 El Camino Real Suite 302, San Diego, CA 92130, is the owner by assignment from the inventors recorded by the United States Patent and Trademark Office at Reel/Frame 022836/0818 and 022206/0116, is the owner of right title and interest to certain useful improvements in and to the invention entitled:

METHODS FOR TREATING BLOOD DISORDERS

described in applications for Letters Patent accorded U.S. Patent Application No. 12/212,000 filed September 17, 2008, (hereinafter the "Invention").

AND, WHEREAS, Phoenicia Biosciences, Inc., a corporation having a place of business located at 45 Beaver Road, Weston, MA 02493 (hereinafter "ASSIGNEE"), is desirous of acquiring all rights to the Invention including all patents and patent applications thereto;

NOW, THEREFORE, in view of good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, we do hereby sell, assign and transfer unto said ASSIGNEE, its successors, assigns and legal representatives, our entire right, title and interest in and throughout the United States of America (including its territories and dependencies) and all countries foreign thereto in and to said Invention including said United States patent application(s), any other United States patent application(s), including provisional, divisional, renewal, substitute, continuation, reexamination and reissue applications, based in whole or in part on said United States patent application or in whole or in part on said Invention, any foreign applications, including international and regional applications, based in whole or in part on any of the aforesaid United States applications or in whole or in part on said Invention, in and to any and all letters patent, including extensions thereof, of any country which have been or may be granted on any of the aforesaid applications or on said Invention or any part(s) thereof, and in and to any right to claim priority to any of the aforesaid patents and/or patent applications;

AND WE hereby agree for ourselves and our heirs, executors and administrators to execute without further consideration any further documents and instruments which may be necessary, lawful and proper in the prosecution of said above-referenced application or in the preparation or prosecution of any continuing, substitute, divisional, renewal, reexamination or reissue application or in any amendments, extensions or interference proceedings, or other applications for patents of any region or country, that may be necessary to secure to ASSIGNEE its interest and title in and to said Invention or any part(s) thereof, and in and to said several patents or any of them;

AND WE hereby covenant for ourselves and our legal representatives, and agree with said ASSIGNEE, its successors and assigns, that we have granted no right or license to make, use, sell or offer to sell said Invention, to anyone except said ASSIGNEE, that prior to the execution of this deed, our right, title and interest in said Invention had not been otherwise encumbered, and that we have not and will not execute any instrument in conflict therewith;

CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT

CIVIL CODE § 1189

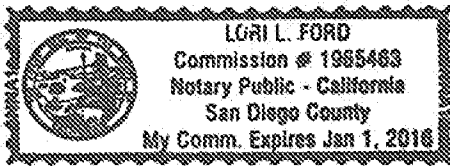
State of California

County of SAN DIEGO

On 1-30-2013 before me, LORI FORD, Notary Public

personally appeared John P. LONSENECKER

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: [Handwritten Signature]

Place Notary Seal Above

OPTIONAL

Though the information below is not required by law, it may prove valuable to persons relying on the document and could prevent fraudulent removal and reattachment of this form to another document.

Description of Attached Document

Title or Type of Document: ASSIGNMENT, US PM ADDR # 12/212, DU

Document Date: _____ Number of Pages: 4 (total)

Signer(s) Other Than Named Above: _____

Capacity(ies) Claimed by Signer(s)

Signer's Name: _____ Signer's Name: _____

Corporate Officer — Title(s): _____ Corporate Officer — Title(s): _____

Individual Individual

Partner — Limited General Partner — Limited General

Attorney in Fact Attorney in Fact

Trustee Trustee

Guardian or Conservator Guardian or Conservator

Other: _____ Other: _____

Signer Is Representing: _____ Signer Is Representing: _____

RIGHT THUMBPRINT OF SIGNER

Top of thumb here

RIGHT THUMBPRINT OF SIGNER

Top of thumb here

FOR ASSIGNEE: PHOENICIA BIOSCIENCES, INC.

~~January~~ ^{Feb} 18, 2013
Date

By: Susan Perrine MD
Name: Susan P. Perrine
Title: President, Chief Scientific Officer

County of _____)

) ss:

State of _____)

February

On this 18 day of ~~January~~ February 2013, before me a Notary Public in and for the County and State aforesaid, personally appeared Susan Perrine, to me known and known to me to be the person of that name, who signed and sealed the foregoing instrument, and acknowledged the same to be of his free act and deed.

[Signature]
Notary Public

(SEAL)

My Commission Expires 2-14-2017

