

## PATENT ASSIGNMENT

Electronic Version v1.1

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SUBMISSION TYPE:	NEW ASSIGNMENT								
NATURE OF CONVEYANCE:	ASSIGNMENT								
CONVEYING PARTY DATA									
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>ABRAHAM ABUCHOWSKI</td> <td>08/06/2013</td> </tr> <tr> <td>GLENN KAZO</td> <td>08/07/2013</td> </tr> <tr> <td>FRIEDERICKE KAZO</td> <td>08/07/2013</td> </tr> </tbody> </table>		Name	Execution Date	ABRAHAM ABUCHOWSKI	08/06/2013	GLENN KAZO	08/07/2013	FRIEDERICKE KAZO	08/07/2013
Name	Execution Date								
ABRAHAM ABUCHOWSKI	08/06/2013								
GLENN KAZO	08/07/2013								
FRIEDERICKE KAZO	08/07/2013								
RECEIVING PARTY DATA									
Name:	PROLONG PHARMACEUTICALS, LLC								
Street Address:	300 CORPORATE COURT								
Internal Address:	SUITE B								
City:	SOUTH PLAINFIELD								
State/Country:	NEW JERSEY								
Postal Code:	07080								
PROPERTY NUMBERS Total: 1									
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13924283</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13924283				
Property Type	Number								
Application Number:	13924283								
CORRESPONDENCE DATA									
Fax Number:	4154421000								
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>									
Phone:	415-442-1000								
Email:	jblack@morganlewis.com								
Correspondent Name:	MORGAN, LEWIS & BOCKIUS LLP (SF)								
Address Line 1:	One Market, Spear Street Tower								
Address Line 2:	Jeffry S. Mann								
Address Line 4:	San Francisco, CALIFORNIA 94105								
ATTORNEY DOCKET NUMBER:	101926-5001-US01								
NAME OF SUBMITTER:	Jeffry S. Mann								
Signature:	/Jeffry S. Mann/								

PATENT

Date:

09/19/2013

**Total Attachments: 5**

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**ASSIGNMENT OF PATENT APPLICATION**

JOINT

WHEREAS, Abraham Abuchowski of 62 Bunnvale Road, Califon, New Jersey 07830; Glenn Kazo of 280 Page Hill Road, New Ipswich, New Hampshire 03071 and Friedericke Kazo of 280 Page Hill Road, New Ipswich, New Hampshire 03071 hereinafter referred to as "Assignors," are the inventors of the invention described and set forth in the below-identified patent application:

Title of Invention:	HEMOGLOBIN COMPOSITIONS
Filing Date:	June 21, 2013
Application No.:	13/924,283; and

WHEREAS, Prolong Pharmaceuticals, LLC, a Delaware limited liability company, located at 300 Corporate Court, Suite B, South Plainfield, New Jersey 07080, United States of America, hereinafter referred to as "ASSIGNEE," is desirous of acquiring an interest in the invention and application and in any U.S. Letters Patent and Registrations which may be granted on any patent application claiming priority from the same;

For good and valuable consideration, receipt of which is hereby acknowledged by Assignors, Assignors have assigned, and by these presents does assign to Assignee all right, title and interest in and to the invention and application and to all foreign counterparts (including patent, utility model and industrial designs), and in and to any Letters Patent and Registrations which may hereafter be granted on any patent application claiming priority from the same in the United States and all countries throughout the world, and to claim the priority from the application as provided by the Paris Convention. The right, title and interest is to be held and enjoyed by Assignee and Assignee's successors and assigns as fully and exclusively as it would have been held and enjoyed by Assignors had this Assignment not been made, for the full term of any Letters Patent and Registrations which may be granted thereon, or of any division, renewal, continuation in whole or in part, substitution, conversion, reissue, prolongation or extension thereof.


Assignors further agree that Assignors will, without charge to Assignee, but at Assignee's expense, (a) cooperate with Assignee in the prosecution of U.S. Patent applications and foreign counterparts on the invention and any improvements, (b) execute, verify, acknowledge and deliver all such further papers, including applications and instruments of transfer, and (c) perform such other acts as Assignee lawfully may request to obtain or maintain Letters Patent and Registrations for the invention and improvements in any and all countries, and to vest title thereto in Assignee, or Assignee's successors and assigns.

Assignors hereby authorize and request Morgan, Lewis & Bockius LLP, One Market, Spear Street Tower, San Francisco, CA 94105, to insert herein above the application number and filing date of said application when known.

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IN TESTIMONY WHEREOF, Assignor has signed his/her name on the date indicated.

Date: 8/6/13

  
Abraham Abuchowski

On the date above, before us (see Witnesses below) personally appeared Abraham Abuchowski, personally known to us (or proved to us on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledged to us that he/she executed the same in his 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.

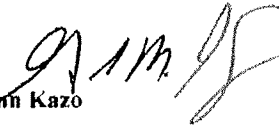
WITNESS NO. 1.  Date: 8/6/2013

WITNESS NO. 2. Fran Monaw Date: 8/6/13

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IN TESTIMONY WHEREOF, Assignor has signed his her name on the date indicated

Date: 8/7/2013

  
Glenn Kazo

On the date above, before us (see Witnesses below) personally appeared Glenn Kazo, personally known to us (or proved to us on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledged to us that he she executed the same in his 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 NO. 1.  Date: 8/7/13

WITNESS NO. 2.  Date: 8/7/13


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IN TESTIMONY WHEREOF, Assignor has signed his her name on the date indicated.

Date: 8/7/2013

  
**Friedericke Kazo**

On the date above, before us (see Witnesses below) personally appeared Friedericke Kazo, personally known to us (or proved to us on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledged to us that he she executed the same in his 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 NO. 1  Date: 8/7/13

WITNESS NO. 2  Date: 8/7/13

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IN TESTIMONY WHEREOF, Assignee has signed his/her name on the dates indicated.

Date: 8/6/13

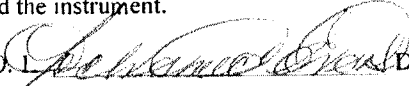
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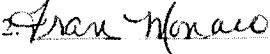
Name: Abraham Abachowski

Title: CEO

PROLONG PHARMACEUTICALS, LLC

On the date above, before us (see Witnesses below) personally appeared \_\_\_\_\_, personally known to us (or proved to us on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledged to us 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 NO. 1  Date: 8/6/2013

WITNESS NO. 2  Date: 8/6/13

DB2: 24280803.1