503686869 02/11/2016 PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:		NEW ASSIGNMENT				
NATURE OF CONVEYANCE:		ASSIGNMENT				
CONVEYING PARTY DA	АТА					
			Name			Execution Date
WILLIAM GARNER						08/13/2010
MARGARET GARNER						08/13/2010
DAVID GOODEN						08/05/2010
GEORGE MINNO						08/05/2010
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Postal Code:	24018					
PROPERTY NUMBERS Property Type	Total: 1		Number			
Application Number: 1452		5471				
CORRESPONDENCE D						
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NAME OF SUBMITTER:	XIAOXIANG LIU/					
SIGNATURE:	/Xiaoxiang Liu #63566/					
DATE SIGNED:	02/11/2016					
Total Attachments: 6						
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ASSIGNMENT OF PATENT APPLICATION

WHEREAS, William Garner of 48 Washington Street, Eastport, Maine 04631 and Margaret Garner of 48 Washington Street, Eastport, Maine 04631, hereinafter referred to as "Assignors," are co-inventors of the inventions described and set forth in the below-identified applications for United States Letters Patent:

U.S. APPL. SERIAL NO.	APFLICATION FILING DATE	TITLE OF INVENTION
12/815,526	June 15, 2010	CHOLINE ESTERS
61/242,232	September 14, 2009	CHOLINE ESTERS
61/224,930	July 13, 2009	LIPOIC ACID CHOLINE ESTER PHARMACEUTICAL COMPOSITIONS, FORMULATIONS AND METHODS

Assignment Attorney Docket No.: 027004-001210US & 001310US Page 2



WHEREAS, Encore Health LLC, located at 5241 Valleypark Drive, Roanoke, VA 24019, hereinafter referred to as "ASSIGNEE," is desirous of acquiring an interest in the inventions and applications and in any U.S. Letters Patent and Registrations which may be granted on the same;

For good and valuable consideration, receipt of which is hereby acknowledged by Assignors, Assignors have assigned, and by these presents do assign to Assignee all right, title and interest in and to the inventions and applications 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 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 they will, without charge to Assignor, 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 patent 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.

Page 2 of 3

Assistant Amounty Docket No.: 000004-001210US & 001310US Page 3

IN TENTIMONY WHEREOF, Assignors have signed their names on the dates indicated.

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Attorney Docket No.: 027004-001210US & 001310US

ASSIGNMENT OF PATENT APPLICATION

WHEREAS, David Gooden of 308 Research Drive, Durham, North Carolina 27708, hereinafter referred to as "Assignor," is a co-inventor of the inventions described and set forth in the below-identified applications for United States Letters Patent:

U.S. APPL. SERIAL NO.	APPLICATION FILING DATE	TITLE OF INVENTION
12/815,526	June 15, 2010	CHOLINE ESTERS
61/242,232	September 14, 2009	CHOLINE ESTERS
61/224,930	July 13, 2009	LIPOIC ACID CHOLINE ESTER PHARMACEUTICAL COMPOSITIONS, FORMULATIONS AND METHODS

WHEREAS, Encore Health LLC, located at 5241 Valleypark Drive, Roanoke, VA 24019, hereinafter referred to as "ASSIGNEE," is desirous of acquiring an interest in the inventions and applications and in any U.S. Letters Patent and Registrations which may be granted on the same;

For good and valuable consideration, receipt of which is hereby acknowledged by Assignor, Assignor has assigned, and by these presents does assign to Assignee all right, title and interest in and to the inventions and applications 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 the same in the United States and all countries throughout the world, and to claim the priority from the applications 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 Assignor 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.

Assignor further agrees that he will, without charge to Assignor, 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 patent 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's successors and assigns.

IN TESTIMONY WHEREOF, Assignor has signed hisyname on the date indicated.

12010 Dated:

David Gooden

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ASSIGNMENT OF PATENT APPLICATION

WHEREAS, George Minno of 17 Duston Road, Windham, New Hampshire 03087, hereinafter referred to as "Assignor," is a co-inventor of the inventions described and set forth in the below-identified applications for United States Letters Patent:

U.S. APPL. SERIAL NO.	APPLICATION FILING DATE	TITLE OF INVENTION
12/815,526	June 15, 2010	CHOLINE ESTERS
61/242,232	September 14, 2009	CHOLINE ESTERS
61/224,930	July 13, 2009	LIPOIC ACID CHOLINE ESTER PHARMACEUTICAL COMPOSITIONS, FORMULATIONS AND METHODS
61/187,005	June 15, 2009	LIPOIC ACID CHOLINE PHARMACEUTICAL COMPOSITIONS, FORMULATIONS AND METHODS

Assignment Attorney Docket No.: 027004-001210US & 001310US Page 2



WHEREAS, Encore Health LLC, located at 5241 Valleypark Drive, Roanoke, VA 24019, hereinafter referred to as "ASSIGNEE," is desirous of acquiring an interest in the inventions and applications and in any U.S. Letters Patent and Registrations which may be granted on the same;

For good and valuable consideration, receipt of which is hereby acknowledged by Assignor, Assignor has assigned, and by these presents does assign to Assignee all right, title and interest in and to the inventions and applications 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 the same in the United States and all countries throughout the world, and to claim the priority from the applications 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 Assignor 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.

Assignor further agrees that he will, without charge to Assignor, 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 patent 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.

IN TESTIMONY WHEREOF, Assigner has signed his name on the date indicated. Jugust 5, 2010 Dated: T George Minno

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