

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
CLOTILDE CARLOW	08/28/2017
ZHIRU LI	08/24/2017
RECEIVING PARTY DATA	
Name:	NEW ENGLAND BIOLABS, INC.
Street Address:	240 COUNTY ROAD
City:	IPSWICH
State/Country:	MASSACHUSETTS
Postal Code:	01938
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	16324424
CORRESPONDENCE DATA	
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ATTORNEY DOCKET NUMBER:	4239-97444-04
NAME OF SUBMITTER:	SUSAN W. GRAF, PH.D.
SIGNATURE:	/Susan W. Graf/
DATE SIGNED:	02/08/2019
Total Attachments: 3	
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ASSIGNMENT

WHEREAS, we, Clotilde Carlow, of South Hamilton, Massachusetts, and Zhiru Li, of Lexington, Massachusetts, have invented, along with others, certain inventions, entitled PEPTIDE INHIBITORS OF PHOSPHOGLYCERATE MUTASE AND METHODS OF USE, for which the following application has been filed:

PCT Patent Application No. PCT/US2017/046228, filed on August 10, 2017, the application is referred to as "the patent application."

WHEREAS, New England Biolabs, Inc., a corporation having a place of business at 240 County Road, Ipswich, Massachusetts, 01938, desires to acquire an interest therein:

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, we, Clotilde Carlow and Zhiru Li hereby sell, assign, and transfer to New England Biolabs, Inc., the full and exclusive right, title, and interest in and to said invention, patent application, and patent rights throughout the world, including foreign patent priority rights, the right to file and prosecute International Applications under the Patent Cooperation Treaty, and the right to file and prosecute applications under the European Patent Convention; said invention, patent application, and letters patent in this or any foreign country, and all corresponding non-provisional applications, divisions, continuations, continuations-in-part, reissues, and extensions thereof, to be held and enjoyed by New England Biolabs, Inc., for its own use and benefit, and for its successors and assigns to the full end of the term for which letters patent may be granted by the United States or any foreign country, as fully and entirely as the same would have been held by us had this assignment and sale not been made, and covenant that we have full right so to do, and agree that we will communicate to New England Biolabs, Inc., or its successors and assigns, any facts known to us respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing, and reissue applications, make all rightful oaths, and do everything possible to aid New England Biolabs,

Inc., its successors, and assigns to obtain and enforce proper patent protection for said invention in the United States or any foreign country.

We confirm that, at the time the invention was made, we were under an obligation to assign the invention to New England Biolabs, Inc..

We hereby grant the law firm of Klarquist Sparkman, LLP, the power to insert on this Assignment any further information that may be necessary or desirable in order to comply with all applicable legal requirements, including the rules of the United States Patent and Trademark Office, for submitting and recording this document.

Executed at the place and date opposite our respective signatures below.

Clotilde Carlow
Clotilde Carlow

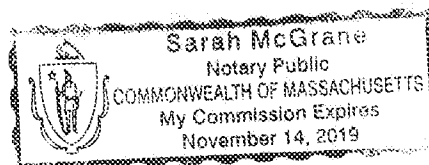
At Ipswich, MA
(City and State)
on this 28th day of August, 2017.

STATE OF MA)
) ss.
COUNTY OF Essex)

This 28th day of August, 2017, before me personally came the above-named Clotilde Carlow, who executed the foregoing instrument in my presence, and who acknowledged to me that this instrument was executed by Clotilde Carlow's own free will for the purpose set forth therein.

Sarah McGrane
Notary Public For
My commission expires:

[SEAL]



Zhiru Li

Zhiru Li

At Ipswich MA
(City and State)
on this 24th day of August, 20 17.

STATE OF MA)
) ss.
COUNTY OF Essex)

This 24th day of August, 20 17, before me personally came the above-named Zhiru Li, who executed the foregoing instrument in my presence, and who acknowledged to me that this instrument was executed by Zhiru Li's own free will for the purpose set forth therein.

Sarah McGrane

Notary Public For

My commission expires: 11/14/2019

[SEAL]

