

PATENT ASSIGNMENT

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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>Andrew Gardner</td> <td>03/13/2013</td> </tr> </tbody> </table>		Name	Execution Date	Andrew Gardner	03/13/2013						
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<table border="1"> <tr> <td>Name:</td> <td>New England Biolabs, Inc.</td> </tr> <tr> <td>Street Address:</td> <td>240 County Road</td> </tr> <tr> <td>City:</td> <td>Ipswich</td> </tr> <tr> <td>State/Country:</td> <td>MASSACHUSETTS</td> </tr> <tr> <td>Postal Code:</td> <td>01938</td> </tr> </table>		Name:	New England Biolabs, Inc.	Street Address:	240 County Road	City:	Ipswich	State/Country:	MASSACHUSETTS	Postal Code:	01938
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CORRESPONDENCE DATA											
<p>Fax Number: <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 978-380-7373 Email: mcgrane@neb.com Correspondent Name: Harriet M. Strimpel Address Line 1: 240 County Road Address Line 4: Ipswich, MASSACHUSETTS 01938</p>											
ATTORNEY DOCKET NUMBER:	NEB-343-PUS										
NAME OF SUBMITTER:	Harriet M. Strimpel										
<p>Total Attachments: 4 source=Assignment#page1.tif source=Assignment#page2.tif source=Assignment#page3.tif source=Assignment#page4.tif</p>											

CH \$40.00 13822724

ASSIGNMENT BY INVENTOR

THIS ASSIGNMENT, made by Andrew Gardner (hereinafter referred to as Assignor), residing at 13 School Street, Manchester, Massachusetts 01944;

WHEREAS, Assignor has invented certain new and useful improvements in DNA Polymerase Variants with Reduced Exonuclease Activity and Uses Thereof, set forth in a Patent application for which an International Application was filed on May 10, 2012, PCT/US12/37278, designating the United States; and

WHEREAS, New England Biolabs, Inc., a Corporation organized under and pursuant to the laws of Massachusetts having its principal place of business at 240 County Road, Ipswich, Massachusetts 01938 (hereinafter referred to as Assignee), is desirous of acquiring the entire right, title and interest in and to said inventions and said Application for Letters Patent of the United States, and in and to any Letters Patent of the United States to be obtained therefore and thereon.

NOW, THEREFORE, for good and sufficient consideration, the receipt of which is hereby acknowledged, Assignor has sold, assigned, transferred and set over, and by these presents does sell, assign, transfer and set over, unto Assignee, its successors, legal representatives and assigns, the entire right, title and interest in and to the above-mentioned inventions and application for Letters Patent, and in and to any and all direct and indirect divisions, continuations and continuations-in-part of said application, and any and all Letters Patent in the United States and all foreign countries which may be granted therefore and thereon, and reissues, reexaminations and extensions of said Letters Patent, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by Assignee, for its own use and benefit and the use and benefit of its successors, legal representatives and assigns, to the full end of the term or terms for which Letters Patent may be granted and/or extended, as fully and entirely as the same would have been held and enjoyed by Assignor, had this sale and assignment not been made.

AND for the same consideration, Assignor hereby represents and warrants to Assignee, its successors, legal representatives and assigns, that, at the time of execution and

delivery of these presents, except for any rights, titles and/or interests that have arisen to Assignee under law or that have already been transferred to Assignee. Assignor is the sole and lawful owner of the entire right, title and interest in and to the said inventions and application for Letters Patent above-mentioned, and that the same are unencumbered and that Assignor has good and full right and lawful authority to sell and convey the same in the manner herein set forth.

AND for the same consideration, Assignor hereby covenants and agrees to and with Assignee, its successors, legal representatives and assigns, that Assignor will sign all papers and documents, take all lawful oaths and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of any Letters Patent and applications for Letters Patent for said inventions, without charge to Assignee, its successors, legal representatives and assigns, whenever counsel of Assignee, or counsel of its successors, legal representatives and assigns, shall advise: that any proceeding in connection with said inventions, or said Patent application for Letters Patent, or any proceeding in connection with any Letters Patent or applications for Letters Patent for said inventions in any country, including but not limited to interference proceedings, is lawful and desirable; or, that any division, continuation or continuation-in-part of any application for Letters Patent, or any reissue, reexamination or extension of any Letters Patent, to be obtained thereon, is lawful and desirable.

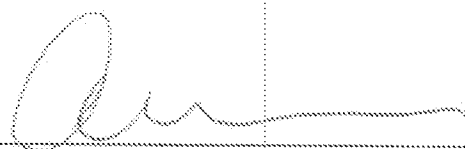
AND Assignor hereby requests the Commissioner for Patents and Trademarks to issue said Letters Patent of the United States to Assignee, as Assignee of said inventions and the Letters Patent to be issued thereon, for the sole use and benefit of Assignee, its successors, legal representatives and assigns.

AND Assignor hereby grants the following individuals the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document:

NEW ENGLAND BIOLABS, INC

Harriet M. Strimpel, D.Phil., 37,008 and Brian A. Fairchild, 48,645

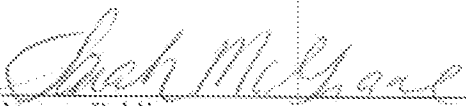
AND Assignor acknowledges an obligation of assignment of this invention to Assignee at the time the invention was made.


Andrew Gardner

Date: March 13, 2013

United States of America)
Commonwealth of Massachusetts) ss.:
County of Essex)

On this 13th day of March, 2013, before me personally came Andrew Gardner, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.


Notary Public

