503713831 02/29/2016

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
CYNTHIA L. RICHARD	02/22/2016
BRENDAN GALVIN	02/27/2016

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:	15051064

CORRESPONDENCE DATA

Fax Number:

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

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mcgrane@neb.com

Correspondent Name: HARRIET M. STRIMPEL, D.PHIL

Address Line 1: 240 COUNTY ROAD

Address Line 4: IPSWICH, MASSACHUSETTS 01938

ATTORNEY DOCKET NUMBER:	DG-002-US	
NAME OF SUBMITTER:	HARRIET M. STRIMPEL, D.PHIL.	
SIGNATURE:	/Harriet M. Strimpel, D.Phil./	
DATE SIGNED:	02/29/2016	

Total Attachments: 2

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PATENT 503713831 REEL: 037851 FRAME: 0215

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	SLARATION (37 CFR 1.63) FOR UTILITY (ICATION DATA SHEET (37 CFR 1.76) ANI			
Title of Invention	COMPOSITIONS AND METHODS FOR LABELING TARGET NUC	LEIC ACIB MOLECULES		
As the below	As the below named inventor, I hereby declare that:			
This declaration x The attached application, or is directed to:				
	United States application or PCT internation filed on	nal application number		
The above-ide	ntified application was made or authorized to be made	e by me.		
i believe that i	am the original inventor or an original joint inventor o	f a claimed invention in the application.		
its principal pl is desirous of	ace of business at 240 County Road, Ipswich, Mass	der and pursuant to the laws of Massachusetts having achusetts 01938 (hereinafter referred to as "Assignee") said inventions and said Application for Letters Patent d States to be obtain therefore and thereon.		
Now, therefor, for good and sufficient consideration, the receipt of which is hereby acknowledged, I, by these presents do sell, assign and transfer unto said Assignee the full and exclusive right to the said invention in the United States and the entire rights, title and interest in and to any and all Patents which may be granted therefore in the United States.				
I hereby authorize and request the Director of the U.S. Patent and Trademark Office to issue said United States Patent to said Assignee, of the entire right, title, and interest in and to the same, for the sole use and behoof; and for the use and behoof of his legal representatives, to the full end of the term for which said Patent may be granted, as fully and entirely as the same would have been held by me had this assignment and sale not been made.				
	wledge that any willful false statement made in this coof not more than five (5) years, or both.	eclaration is punishable under 18 U.S.C. 1001 by fine or		
LEGAL NAN	E OF INVENTOR			
Inventor:	Cynthia L. Richard	Date: <u>2/22/2016</u>		
Signature:	<u> </u>			
	ation data sheet (PTO/SB/14 or equivalent), including nam previously filed. Use an additional PTO/AIA/01 form for e	ing the entire inventive entity, must accompany this form or ach additional inventor.		

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76) AND ASSIGMENT FOR SINGLE ASSIGNEE Title of COMPOSITIONS AND METHODS FOR LABELING TARGET NUCLEIC ACID MOLECULES Invention As the below named inventor, I hereby declare that: This declaration The attached application, or is directed to: United States application or PCT international application number 15/051,064 February 23, 2016 . The above-identified application was made or authorized to be made by me. I believe that I am the original inventor or an original joint inventor of a claimed invention in the application. 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 obtain therefore and thereon. Now, therefor, for good and sufficient consideration, the receipt of which is hereby acknowledged, I, by these presents do sell, assign and transfer unto said Assignee the full and exclusive right to the said invention in the United States and the entire rights, title and interest in and to any and all Patents which may be granted therefore in the United States. I hereby authorize and request the Director of the U.S. Patent and Trademark Office to issue said United States Patent to said Assignee, of the entire right, title, and interest in and to the same, for the sole use and behoof; and for the use and behoof of his legal representatives, to the full end of the term for which said Patent may be granted, as fully and entirely as the same would have been held by me had this assignment and sale not been made. I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both. LEGAL NAME OF INVENTOR Inventor: Brendan Galvin Signature: Note: An application data sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form or

must have been previously filed. Use an additional PTO/AIA/01 form for each additional inventor.

PATENT REEL: 037851 FRAME: 0217

RECORDED: 02/29/2016