# PATENT ASSIGNMENT COVER SHEET

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| SUBMISSION TYPE:      | NEW ASSIGNMENT |
|-----------------------|----------------|
| NATURE OF CONVEYANCE: | ASSIGNMENT     |

#### **CONVEYING PARTY DATA**

| Name         | Execution Date |
|--------------|----------------|
| BIJOYITA ROY | 09/27/2018     |
| JENNIFER ONG | 10/01/2018     |

### **RECEIVING PARTY DATA**

| Name:           | NEW ENGLAND BIOLABS, INC.   |  |
|-----------------|-----------------------------|--|
| Street Address: | et Address: 240 COUNTY ROAD |  |
| City:           | IPSWICH                     |  |
| State/Country:  | MASSACHUSETTS               |  |
| Postal Code:    | 01938                       |  |

## **PROPERTY NUMBERS Total: 1**

| Property Type       | Number   |
|---------------------|----------|
| Application Number: | 16151908 |

### **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.

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

| ATTORNEY DOCKET NUMBER: | NEB-412-US            |
|-------------------------|-----------------------|
| NAME OF SUBMITTER:      | HARRIET M. STRIMPEL   |
| SIGNATURE:              | /Harriet M. Strimpel/ |
| DATE SIGNED:            | 10/05/2018            |

**Total Attachments: 2** 

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PATENT 505129398 REEL: 047084 FRAME: 0801

PTO/AIA/01 (06-12)
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| Title of<br>Invention  | Methods and Compositions for Increasing Capping Efficiency of Transcribed RNA  |
|--|--|
| As the below   | v named inventor, I hereby declare that:   |
| This declara   | tion X The attached application, or  |
| is unocces   | United States application or PCT international application number  filed on  |
| The above-io   | dentified application was made or authorized to be made by me.   |
| I believe that   | t I am the original inventor or an original joint inventor of a claimed invention in the application.  |
|  | ew England Biolabs, Inc., a Corporation organized under and pursuant to the laws of Massachusetts having   |
| is desirous d  | place of business at 240 County Road, Ipswich, Massachusetts 01938 (hereinafter referred to as "Assignee") of acquiring the entire right, title and interest in and to said inventions and said Application for Letters Patent 1 States, and in and to any Letters Patent of the United States to be obtain therefore and thereon.   |
| is desirous of<br>of the United<br>Now, therefo<br>do sell, assig  | of acquiring the entire right, title and interest in and to said inventions and said Application for Letters Patent  |
| is desirous of the United Now, therefore do sell, assign the entire right to said Assign and behoof  | of acquiring the entire right, title and interest in and to said inventions and said Application for Letters Patent of States, and in and to any Letters Patent of the United States to be obtain therefore and thereon.  or, for good and sufficient consideration, the receipt of which is hereby acknowledged, I, by these presents go and transfer unto said Assignee the full and exclusive right to the said invention in the United States and  |
| is desirous of the United Now, therefore do sell, assign the entire right to said Assign dehoof entirely as the Large of the the thereby ack | of acquiring the entire right, title and interest in and to said inventions and said Application for Letters Patent of States, and in and to any Letters Patent of the United States to be obtain therefore and thereon.  or, for good and sufficient consideration, the receipt of which is hereby acknowledged, I, by these presents gn and transfer unto said Assignee the full and exclusive right to the said invention in the United States and phts, title and interest in and to any and all Patents which may be granted therefore in the United States.  horize and request the Director of the U.S. Patent and Trademark Office to issue said United States Patent gnee, of the entire right, title, and interest in and to the same, for the sole use and behoof; and for the use of his legal representatives, to the full end of the term for which said Patent may be granted, as fully and   |
| is desirous of the United Now, therefold sell, assign the entire right to said Assign and behoof entirely as the I hereby ack imprisonmer    | of acquiring the entire right, title and interest in and to said inventions and said Application for Letters Patent of States, and in and to any Letters Patent of the United States to be obtain therefore and thereon.  or, for good and sufficient consideration, the receipt of which is hereby acknowledged, I, by these presents gn and transfer unto said Assignee the full and exclusive right to the said invention in the United States and this, title and interest in and to any and all Patents which may be granted therefore in the United States.  horize and request the Director of the U.S. Patent and Trademark Office to issue said United States Patent gnee, of the entire right, title, and interest in and to the same, for the sole use and behoof; and for the use of his legal representatives, to the full end of the term for which said Patent may be granted, as fully and he same would have been held by me had this assignment and sale not been made.  nowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or  |
| is desirous of the United Now, therefold sell, assign the entire right to said Assign and behoof entirely as the I hereby ack imprisonmer    | of acquiring the entire right, title and interest in and to said inventions and said Application for Letters Patent of States, and in and to any Letters Patent of the United States to be obtain therefore and thereon.  For good and sufficient consideration, the receipt of which is hereby acknowledged, I, by these presents go and transfer unto said Assignee the full and exclusive right to the said invention in the United States and whits, title and interest in and to any and all Patents which may be granted therefore in the United States.  Therefore and request the Director of the U.S. Patent and Trademark Office to issue said United States Patent gree, of the entire right, title, and interest in and to the same, for the sole use and behoof; and for the use of his legal representatives, to the full end of the term for which said Patent may be granted, as fully and he same would have been held by me had this assignment and sale not been made.  Inowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine on to finot more than five (5) years, or both. |

PTO/AIA/01 (05-12)

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| DE<br>APPI                     | CLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN<br>LICATION DATA SHEET (37 CFR 1.76) AND ASSIGMENT FOR SINGLE ASSIGNEE   |
|--------------------------------|---|
| Title of<br>Invention          | Methods and Compositions for Increasing Capping Efficiency of Transcribed RNA   |
| As the below                   | named inventor, I hereby declare that:  |
| This declarating directed to   | United States application or PCT international application number   |
|                                | filed on  |
| The above-id                   | entified 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.   |
| its principal p                | ew England Biolabs, Inc., a Corporation organized under and pursuant to the laws of Massachusetts having<br>place of business at 240 County Road, Ipswich, Massachusetts 01938 (hereinafter referred to as "Assignee")<br>f acquiring the entire right, title and interest in and to said inventions and said Application for Letters Patent<br>I States, and in and to any Letters Patent of the United States to be obtain therefore and thereon. |
| do sell, assig                 | or, for good and sufficient consideration, the receipt of which is hereby acknowledged, I, by these presents<br>yn and transfer unto said Assignee the full and exclusive right to the said invention in the United States and<br>hts, title and interest in and to any and all Patents which may be granted therefore in the United States.  |
| to said Assig<br>and behoof o  | norize and request the Director of the U.S. Patent and Trademark Office to issue said United States Patent<br>ince, of the entire right, title, and interest in and to the same, for the sole use and behoof; and for the use<br>of his legal representatives, to the full end of the term for which said Patent may be granted, as fully and<br>the same would have been held by me had this assignment and sale not been made.                    |
| I hereby ackr<br>imprisonmen   | nowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or<br>It of not more than five (5) years, or both.  |
| LEGAL NA                       | ME OF INVENTOR  |
| Inventor:                      |   |
| Signature:                     | -AMV  |
| Note: An appli<br>must have be | ication data sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form or en previously filed. Use an additional PTO/AIA/01 form for each additional inventor.  |

**PATENT REEL: 047084 FRAME: 0803** 

**RECORDED: 10/05/2018**