506772306 07/19/2021

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6819123

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
MEHUL GANATRA	01/26/2021
SIU-HONG CHAN	01/27/2021
CHRISTOPHER H. TARON	01/26/2021
G. BRETT ROBB	01/26/2021

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:	17377797

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: 9789987954

Email: mcgrane@neb.com
Correspondent Name: GUY F. BIRKENMEIER
Address Line 1: 240 COUNTY ROAD

Address Line 4: IPSWICH, MASSACHUSETTS 01938

ATTORNEY DOCKET NUMBER:	NEB-438-DIV-CON-US
NAME OF SUBMITTER:	GUY F. BIRKENMEIER
SIGNATURE:	/Guy F. Birkenmeier/
DATE SIGNED:	07/19/2021

Total Attachments: 4

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DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76) AND ASSIGNENT FOR SINGLE ASSIGNEE		
Tate of	FCE MRNA CAPPING ENZYME COMPO	DSITIONS, METHODS AND KITS
As the below	named inventor, I hereby declare that	
This declaration to	tion X The sitached application, or United States application or PCT internified on	ational application number
The above si	emited application was made or authorized to be	Nade by me.
I believe that	I am the original inventor or an original joint invent	or of a claimed invention in the application.
is desirous o	IRCO OF OURHESS BE 240 County Road, Inswich, M	under and pursuant to the laws of Massachuseits having assachusetts 01938 (hereinafter referred to as "Assignes") to said inventions and said Application for Letters Patent nited States to be obtain therefore and thereon.
times in more districted	H GIN HAISH UTIC SUC ASSISSED IN DULANT SW	pt of which is hereby acknowledged, I, by these presents tusive right to the said invention in the United States and which may be granted therefore in the United States.
and behoof o	res, se oer erme han, blie, and mierest in and in	and Trademark Office to issue said United States Patent the same, for the sole use and behard, and for the use rm for which said Patent may be granted, as fully and ignment and sale not been made.
l hereby ackn representant	owledge that any willful false statement made in th of not more than five (5) years, or both	is declaration is punishable under 18 U.S.C. 1001 by fine or
LEGAL NA	WE OF INVENTOR	
Inventor Signature	Metrul Ganatra NUWL Gavety	Date: 01-26-2021
Note: An apple rood have been	ation data street (PTO/SB/14 or equivalent), including in a provincialy filed. Use an additional PTO/AIA/01 form fo	ansing the entire inventive entity, must accompany this form or reach additional inventor.

PATENT REEL: 056900 FRAME: 0369 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 saless it displays a valid OMS control number.

DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76) AND ASSIGNENT FOR SINGLE ASSIGNEE Title of Invention FCE MRNA CAPPING ENZYME COMPOSITIONS, METHODS AND KITS As the below named inventor, I hereby declare that: This declaration |X| The attached application, or is directed to: United States application or PCT international application number filed on 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, therefore, 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 Siu-Hong Chan inventor: 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: 056900 FRAME: 0370

PTCRAMO1 (86-12)

Approved for use through 01/31/2014, OMB 0651-0632

U.S. Patent and Transmark Office, U.S. DEPARTMENT OF COMMERCE

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DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76) AND ASSIGNMENT FOR SINGLE ASSIGNEE	
Title of Invention F	CE MRNA CAPPING ENZYME COMPOSITIONS, METHODS AND KITS
As the below nam	ted inventor, I hereby declare that:
This declaration [is directed to:	X The attached application, or
	United States application or PCT international application number filed on
The above-identific	ed 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 place is desirous of acq	ngland Biolabs, Inc., a Corporation organized under and pursuant to the laws of Massachusetts having of business at 240 County Road, Ipswich, Massachusetts 01938 (hereinefter referred to as "Assignee") ulring the entire right, title and interest in and to said inventions and said Application for Letters Palent es, and in and to any Letters Palent of the United States to be obtain therefore and thereon.
do sell, assign and	or good and sufficient consideration, the receipt of which is hereby acknowledged, I, by these presents d transfer unto said Assignee the full and exclusive right to the said invention in the United States and itle and interest in and to any and all Palents which may be granted therefore in the United States.
to said Assignee, and behoof of his	e and request the Director of the U.S. Patent and Trademark Office to issue said United States Patent of the entire right, title, and interest in and to the same, for the sole use and behoof, and for the use legal representatives, to the full end of the term for which said Patent may be granted, as fully and ne would have been held by me had this assignment and sale not been made.
I hereby acknowler imprisonment of no	dge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or of more than five (5) years, or both.
LEGAL NAME C	OF INVENTOR
Inventor;	Christopher H. Taron Date: <u>Jen 26, 2021</u>
Signature:	
Note: An application must have been pre-	data sheet (PTC/S8/14 or squivalent), including naming the entire inventive entity, must accompany this form or viously filed. Use an additional PTC/AIA/01 form for each additional inventor.

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DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76) AND ASSIGNENT FOR SINGLE ASSIGNEE

Title of Invention	FCE MRNA CAPPING ENZYME COMPOSITIONS, METHODS AND KITS
As the below	named inventor, I hereby declare that:
This declarati is directed to:	and the second of the second o
	United States application or PCT international application number
The above-ide	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 pl is desirous of	w England Biolabs, Inc., a Corporation organized under and pursuant to the laws of Massachusetts having ace of business at 240 County Road, Ipswich, Massachusetts 01938 (hereinafter referred to as "Assignee") acquiring the entire right, title and interest in and to said inventions and said Application for Letters Patent States, and in and to any Letters Patent of the United States to be obtain therefore and thereon.
do sell, assigr	e, for good and sufficient consideration, the receipt of which is hereby acknowledged, i, by these presents and transfer unto said Assignee the full and exclusive right to the said invention in the United States and its, title and interest in and to any and all Patents which may be granted therefore in the United States.
to said Assign and behoof of	orize and request the Director of the U.S. Patent and Trademark Office to issue said United States Patent ise, of the entire right, title, and interest in and to the same, for the sole use and behoof, and for the use his legal representatives, to the full end of the term for which said Patent may be granted, as fully and same would have been held by me had this assignment and sale not been made.
	owledge that any willful faise statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or of not more than five (5) years, or both.
LEGAL NAM	AE OF INVENTOR
Inventor:	G. Brett Robb Date: 2021-01-26
Signature:	
Note: An annlin	ation data sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form or

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