# PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT			
NATURE OF CONVEYANCE:	ASSIGNMENT			

### **CONVEYING PARTY DATA**

Name	Execution Date
MARK BATHE	03/06/2020
REMI VENEZIANO	03/10/2020
EIKE-CHRISTIAN WAMHOFF	03/26/2020
TYSON MOYER	03/10/2020
BENJAMIN JOSEPH READ	03/10/2020

### **RECEIVING PARTY DATA**

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Postal Code:	02139

# **PROPERTY NUMBERS Total: 2**

Property Type	Number		
Application Number:	16752394		
PCT Number:	US2020014957		

# **CORRESPONDENCE DATA**

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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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ATTORNEY DOCKET NUMBER:	MIT 20929 UTILITY & PCT
NAME OF SUBMITTER:	HEATHER BIFFLE
SIGNATURE:	/Heather Biffle/
DATE SIGNED:	06/22/2020

**Total Attachments: 7** 

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PATENT REEL: 053001 FRAME: 0361

#### **ASSIGNMENT**

We, Mark Bathe of 17 Perry Street, Unit 1, Cambridge, Massachusetts 02139, Remi Veneziano of 11800 Laurestine Way, #309, Manassas, Virginia 20109, Eike-Christian Wamhoff of 174 Harvard Street, Brookline, Massachusetts 02446, Tyson Moyer of 1 Devonshire Place, Apt. 1114, Boston, Massachusetts 02109, and Benjamin Joseph Read of 229 Vassar Street, Apt. 621, Cambridge, Massachusetts 02139, in consideration of ten dollars and other valuable consideration paid to us by Massachusetts Institute of Technology, a corporation of the Commonwealth of Massachusetts, having its principal place of business at 77 Massachusetts Avenue, Cambridge, Massachusetts 02139 (hereinafter "said Assignee"), the receipt of which is hereby acknowledged, do hereby sell, assign and transfer unto said Assignee, its successors and assigns, the entire interest for the United States of America, and its possessions and territories, and all foreign countries and jurisdictions, in, to, and for (1) a certain invention(s) and/or improvement(s) in "NUCLEIC ACID NANOSTRUCTURE PLATFORM FOR ANTIGEN PRESENTATION AND VACCINE FORMULATIONS FORMED THEREFROM" described in U.S. Application No. 16/752,394 filed in the United States Patent and Trademark Office on January 24, 2020 and International Application No. PCT/US2020/014957 filed in the United States Receiving Office for the Patent Cooperation Treaty on January 24, 2020, by Mark Bathe, Remi Veneziano, Eike-Christian Wamhoff, Tyson Moyer, Benjamin Joseph Read, and Darrell Irvine, and in the provisional application(s) to which priority is claimed, being U.S. Provisional Application No. 62/796,472 filed in the United States Patent and Trademark Office on January 24, 2019, (2) U.S. Application No. 16/752,394 filed January 24, 2020, International Application No. PCT/US2020/014957 filed January 24, 2020, and U.S. Provisional Application No. 62/796,472 filed January 24, 2019, (3) all Letters Patent of the United States and its possessions and territories and of all foreign countries and jurisdictions which may or shall be granted on said invention(s), on said improvement(s), or on said application(s), (4) all provisional, divisional, continuation, reissue, PCT, national phase, or other applications based thereon, and (5) all rights of priority, including the right to claim priority to said application(s), under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and any other treaty relating thereto.

1 45347667 MIT 20929 H Utility & PCT Title: "NUCLEIC ACID NANOSTRUCTURE PLATFORM FOR ANTIGEN PRESENTATION AND VACCINE

FORMULATIONS FORMED THEREFROM"

By: Mark Bathe, Remi Veneziano, Eike-Christian Wamhoff, Tyson Moyer, Benjamin Joseph Read, and

**Darrell Irvine** 

Filed: January 24, 2020

**ASSIGNMENT** 

We agree, for ourselves and our executors and administrators, with said Assignee and its successors and assigns, but at its or their expense or charges, hereafter to execute all applications, amended specifications, deeds or other instruments, and to do all acts necessary or proper to secure the grant of Letters Patent in the United States and its possessions and territories and in all other foreign countries and jurisdictions to said Assignee, with specifications and claims in such form as shall be approved by the counsel of said Assignee, and to vest and confirm in said Assignee, its successors and assigns, the legal title to all such patents.

We do hereby authorize and request the Commissioner of Patents and Trademarks of the United States to issue such Letters Patent as shall be granted upon said application(s) based thereon to said Assignee, its successors and assigns.

We each individually do hereby state (1) that the application(s) was made or was authorized to be made by each of us and (2) that we each believe ourselves to be the original inventor or joint inventor of a claimed invention in the application(s).

We each individually do hereby authorize said Assignee's attorney to correct any typographical errors on this form, if necessary, and to complete this form by the addition of the application number(s), application filing date(s), and attorney docket number(s), if necessary.

701350/00822

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Title: "NUCLEIC ACID NANOSTRUCTURE PLATFORM FOR ANTIGEN PRESENTATION AND VACCINE

FORMULATIONS FORMED THEREFROM"

By: Mark Bathe, Remi Veneziano, Eike-Christian Wamhoff, Tyson Moyer, Benjamin Joseph Read, and

Darrell Irvine

Filed: January 24, 2020

ASSIGNMENT .

	WITNESS my hand and seal this <u>のら</u> day of <u>Tいばこれ</u> 20 <u>名</u> つ
	Mark Bathe
Witnes	
1.	Signed:
	Printed Name: Xiao Wang
	Address: 77 Massachusetts Ave, Cambridge, MA 02138
2.	Signed:
	1
	Address: 301 WALDEN STREET, CAMBRIDGE, MA 02138

Title: "NUCLEIC ACID NANOSTRUCTURE PLATFORM FOR ANTIGEN PRESENTATION AND VACCINE FORMULATIONS FORMED THEREFROM"

By: Mark Bathe, Remi Veneziano, Eike-Christian Wamhoff, Tyson Moyer, Benjamin Joseph Read, and

Darrell Irvine

Filed: January 24, 2020

**ASSIGNMENT** 

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MIT 20929 H Utility & PCT 701350/00822 Title: "NUCLEIC ACID NANOSTRUCTURE PLATFORM FOR ANTIGEN PRESENTATION AND VACCINE

FORMULATIONS FORMED THEREFROM"

By: Mark Bathe, Remi Veneziano, Eike-Christian Wamhoff, Tyson Mover, Benjamin Joseph Read, and

Darrell Irvine

Filed: January 24, 2020

ASSIGNMENT

	WITNESS my hand and seal this _	day of _	1.00	, 20 <u>4</u> , 20 <u>4</u>	
			Eike-Chi	istian Wamhoff	
Witne	sses:				
1	Signed Printed Name Address				
2	Signed:  Printed Name:  Address:				

FORMULATIONS FORMED THEREFROM" By: Mark Bathe, Remi Veneziano, Eike-Christian Wamhoff, Tyson Moyer, Benjamin Joseph Read, and Darrell Irvine Filed: January 24, 2020 **ASSIGNMENT** WITNESS my hand and seal this  $10^{\frac{11}{10}}$  day of  $10^{\frac{11}{10}}$ . Witnesses: Signed: 1. ANDRE Printed Name: Address: 300 RINDE AVE #205 MA 02/40 CAMBRIDGE Signed: \_\_\_\_ 2. Printed Name: \_\_\_\_ Address: 6/0 Main Cambridge MA 02139

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Title: "NUCLEIC ACID NANOSTRUCTURE PLATFORM FOR ANTIGEN PRESENTATION AND VACCINE

MIT 20929 H Utility & PCT 701350/00822

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By: Mark Bathe, Remi Veneziano, Eike-Christian Wamhoff, Tyson Moyer, Benjamin Joseph Read, and

Darrell Irvine

Filed: January 24, 2020

ASSIGNMENT

	WITNESS n	ny hand and seal this 10 day of 1000 day. 2010.
		R D L Benjamin Joseph Read
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	***************************************	Aliston, Mr 62134

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**RECORDED: 06/22/2020**