

## PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT7952381

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
RYAN T. GILL	09/20/2022
TANYA WARNECKE	08/26/2022
DOMINIKA JOANNA JEDRZEJCZYK	04/21/2023
<b>RECEIVING PARTY DATA</b>	
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<b>City:</b>	KGS. LYNGBY
<b>State/Country:</b>	DENMARK
<b>Postal Code:</b>	2800
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	18142013
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	
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<b>ATTORNEY DOCKET NUMBER:</b>	ARTN-013.USNTL-CON-T1
<b>NAME OF SUBMITTER:</b>	KETHYA TEUK
<b>SIGNATURE:</b>	/KETHYA TEUK/
<b>DATE SIGNED:</b>	05/12/2023
<b>Total Attachments: 2</b>	
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source=ARTN-013USNTL_Assignment_Executed#page2.tif	

**PATENT ASSIGNMENT**

Docket Number: ARTN-013.USNTL

WHEREAS, the undersigned:

1. Ryan T. GILL  
Denver, CO

2. Tanya WARNECKE  
Boulder, CO

3. Dominika Joanna JEDRZEJCZYK  
Copenhagen, Denmark

(hereinafter "Inventor(s)"), have invented certain new and useful improvements in:

**CONSTRUCTS, COMPOSITIONS AND METHODS THEREOF HAVING IMPROVED GENOME EDITING EFFICIENCY AND SPECIFICITY**

☒ For which Application No. 17/780,002 was filed on May 25, 2022 in the United States Patent and Trademark Office,

WHEREAS, DANMARKS TEKNISKE UNIVERSITET, a university in Denmark, located at Anker Engelunds Vej 101A, Kgs. Lyngby, Denmark 2800, (hereinafter "Assignee"), is desirous of acquiring the entire right, title and interest in and to said Application(s) and the inventions disclosed therein, and in and to all embodiments of the inventions, heretofore conceived, made or discovered, whether jointly or severally, by said Inventor(s) (hereinafter collectively referred to as "Inventions"), and in and to any and all patents, inventor's certificates and other forms of protection (hereinafter "Patent(s)") thereon granted in the United States, foreign countries, or under any international convention, agreement, protocol or treaty.

NOW, THEREFORE, in consideration of good and valuable consideration acknowledged by said Inventor(s) to have been received in full from said Assignee:

1. Said Inventor(s) do hereby sell, assign, transfer and convey unto said Assignee the entire right, title and interest (a) in and to said Inventions, including the right to claim priority to said Invention(s); (b) in and to all rights to all United States and corresponding non-United States patent applications and Patent(s), including those filed under the Paris Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, or otherwise; (c) in and to any and all applications filed and any and all Patent(s) granted on said Inventions in the United States, in any foreign country, or under any international convention, agreement, protocol, or treaty, including each and every application filed and any and all Patent(s) granted on any application which is a divisional, substitution, continuation, or continuation-in-part of any said Application(s); and (d) in and to each and every reissue, reexamination, supplemental examination or extension of any of said Patent(s).

2. Said Inventor(s) hereby covenant and agree to cooperate with said Assignee to enjoy to the fullest extent the right, title, and interest herein conveyed in the United States, foreign countries, or under any international convention, agreement, protocol or treaty. Such cooperation by said Inventor(s) shall include prompt production of pertinent facts and documents, giving testimony, execution of petitions, oaths, specifications, declarations or other papers, and other assistance all to the extent deemed necessary or desirable by said Assignee (a) for perfecting in said Assignee the right, title and interest herein conveyed; (b) for prosecuting any applications covering said Invention(s); (c) for filing and prosecuting substitute, divisional, continuing or additional applications covering said Inventions; (d) for filing and prosecuting applications for reissuance of any said Patents(s); (e) for interference or other priority proceedings involving said Inventions; and (f) for legal proceedings involving said Inventions and any applications therefor and any Patent(s) granted thereon, including without limitation reissues, reexaminations, supplemental examinations, opposition proceedings, cancellation proceedings, priority contests, public use proceedings, infringement actions and court actions; provided, however, that the expense incurred by said Inventor(s) in providing such cooperation shall be paid for by said Assignee.

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Docket Number: ARTN-013.USNTL

3. Said Inventor(s) hereby request that any Patent(s) issuing in the United States, foreign countries, or under any international convention, agreement, protocol, or treaty, be issued in the name of the Assignee, or its successors and assigns, for the sole use of said Assignee, its successors, legal representatives and assigns.

4. The terms and covenants of this assignment shall inure to the benefit of said Assignee, its successors, assigns and other legal representatives, and shall be binding upon said Inventor(s), their respective heirs, legal representatives and assigns.

5. Said Inventor(s) hereby warrant and represent that they have not entered and will not enter into any assignment, contract, or understanding in conflict herewith.

6. "I hereby grant Assignee or Assignee's attorney 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, including the power to insert on this assignment the application number and filing date of said application when known."

7. This Assignment may be executed and delivered electronically, and may be executed in two or more counterparts, any one of which need not contain the signature of more than one party, each of which shall be deemed an original, but all such counterparts taken together shall constitute one and the same instrument.

IN WITNESS WHEREOF, said Inventor(s) have executed and delivered this instrument to said Assignee as of the dates written below:

1.

Signature: 

Name: Ryan T. GILL

Date: 09 / 20 / 2022

Accepted by:

Assignee: DANMARKS TEKNISKE UNIVERSITET

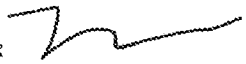
Signature: 

Name: Rasmus Larsen

Title: Provost

Date: 11 MAY 2023

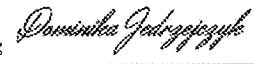
2.

Signature: 

Name: Tanya WARNECKE

Date: 08 / 26 / 2022

3.

Signature: 

Name: Dominika Joanna JEDRZEJCZYK

Date: 04 / 21 / 2023