

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

EPAS ID: PAT5555242

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
MICHAEL JAMES HENRY MAWDSLEY	04/02/2019
MICHAEL EMERSON MARTIN	03/27/2019
RACHEL JANE BRENC	04/02/2019
KATHLEEN FRANCES SMART	04/12/2019
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	LANZATECH, INC.
<b>Street Address:</b>	8045 LAMON AVENUE
<b>Internal Address:</b>	SUITE 400
<b>City:</b>	SKOKIE
<b>State/Country:</b>	ILLINOIS
<b>Postal Code:</b>	60077
<b>PROPERTY NUMBERS Total: 2</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	16007505
<b>PCT Number:</b>	US1837283
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(847)324-2399
<i>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.</i>	
<b>Phone:</b>	8473242400
<b>Email:</b>	ip@lanzatech.com
<b>Correspondent Name:</b>	LANZATECH, INC.
<b>Address Line 1:</b>	8045 LAMON AVENUE
<b>Address Line 2:</b>	SUITE 400
<b>Address Line 4:</b>	SKOKIE, ILLINOIS 60077
<b>ATTORNEY DOCKET NUMBER:</b>	LT126US1
<b>NAME OF SUBMITTER:</b>	CHRISTINE FALASCHETTI
<b>SIGNATURE:</b>	/Christine Falaschetti/
<b>DATE SIGNED:</b>	06/04/2019

**Total Attachments: 3**

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## ASSIGNMENT

Whereas, the undersigned inventor(s) (hereinafter individually and collectively referred to as "Assignor") has/have invented new and useful improvements in:

Improvements in Biological Conversion and Product Recovery Processes

for which United States Patent Application No. 16/007,505 was filed on June 13, 2018; and

for which PCT Application No. PCT/US18/37283 was filed on June 13, 2018.

And whereas, the "Assigned Property" shall mean (i) the above-identified patent application (the "Application"), (ii) all inventions disclosed in the Application, (iii) any and all patent applications throughout the world directed to the subject matter of the Application, including, but not limited, to provisional, non-provisional, international (Patent Cooperation Treaty), continuation, continuation-in-part, division, and reissue applications in the United States or any foreign country, (iv) the right of priority arising from the Application or such other patent applications, under the Paris Convention for the Protection of Industrial Property or under relevant laws, treaties, conventions, or bilateral and multilateral agreements, in any jurisdiction, (v) any and all patents throughout the world resulting from the Application or such other patent applications, and (vi) any and all claims against third parties in connection with any of the rights assigned herein;

And whereas, LanzaTech, Inc., a U.S. company having a mailing address of 8045 Lamon Avenue, Suite 400, Skokie, IL 60077, USA, its successors, and assigns (hereinafter individually and collectively referred to as "Assignee"), are desirous of acquiring Assignor's entire right, title, and interest in and to and resulting from the Assigned Property and, in general, all property rights included therein;

Now, therefore, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, Assignor does hereby irrevocably and unconditionally assign and transfer unto Assignee Assignor's entire right, title, and interest in and to and resulting from the Assigned Property; Assignee hereby accepts such transfer and assignment;

And Assignor furthermore authorizes Assignee, or anyone it may properly designate, to insert herein the filing date and application number of the Application when known;

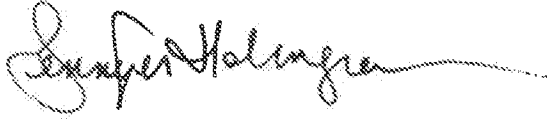
And Assignor agrees, upon request of Assignee, and without further remuneration, but at no expense to Assignor, that Assignor or Assignor's heirs, executors, or administrators will provide all reasonable assistance to obtain, maintain, and assert the fullest measure of legal protection that Assignee desires to obtain, maintain, and assert for the Assigned Property, including executing any and all papers desired by Assignee for the filing and granting of patent rights in the Assigned Property, the perfecting of title, and the enforcing of any rights in the Assigned Property.

This Assignment is executed by and shall be binding upon Assignor and Assignor's heirs, executors, and administrators, for the uses and purposes above set forth and referred to herein and shall inure to the benefit of Assignee or anyone it may properly designate.

If any provision of this Assignment is held by any court to be unenforceable, such provision shall be interpreted to accomplish the objectives of the original provision to the fullest extent allowed by law and the remainder of this Assignment shall remain in full force and effect.

This Assignment shall be construed, governed, interpreted and applied in accordance with the laws of the State of Delaware, United States of America.

EXECUTED on behalf of Assignee and effective as of the latest date of Assignor signature(s) below:



Jennifer Holmgren  
Chief Executive Officer  
LanzaTech New Zealand Limited

EXECUTED as of the date(s) set forth below on behalf of Assignor:



Michael James Henry Mawdsley

Date 04-02-2019

MM-DD-YYYY



Michael Emerson Martin

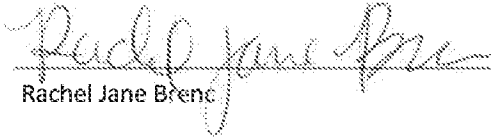
Date 03-27-2019

MM-DD-YYYY

Kathleen Francis Smart

Date \_\_\_\_\_

MM-DD-YYYY



Rachel Jane Brenc

Date 04-02-2019

MM-DD-YYYY

LT126US1  
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EXECUTED on behalf of Assignee and effective as of the latest date of Assignor signature(s) below:



Jennifer Holmgren  
Chief Executive Officer  
LanzaTech, Inc.

EXECUTED as of the date(s) set forth below on behalf of Assignor:

\_\_\_\_\_  
Michael James Henry Mawdsley

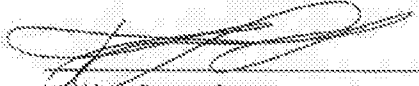
Date \_\_\_\_\_

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\_\_\_\_\_  
Michael Emerson Martin

Date \_\_\_\_\_

MM-DD-YYYY



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Kathleen Frances Smart

Date

04-12-2019

MM-DD-YYYY

\_\_\_\_\_  
Rachel Jane Brenc

Date \_\_\_\_\_

MM-DD-YYYY