## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3942522

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

## **CONVEYING PARTY DATA**

Name	Execution Date
SEAN SIMPSON	06/07/2016
WYATT ERIC ALLEN	06/07/2016
ROBERT JOHN CONRADO	06/16/2016
SEAN MOLLOY	06/08/2016

## **RECEIVING PARTY DATA**

Name:	LANZATECH NEW ZEALAND LIMITED	
Street Address:	8045 LAMON AVENUE, SUITE 400	
City:	SKOKIE	
State/Country:	ILLINOIS	
Postal Code:	60077	

### **PROPERTY NUMBERS Total: 2**

Property Type	Number	
Application Number:	15159479	
PCT Number:	US1633407	

### CORRESPONDENCE DATA

**Fax Number:** (847)324-2399

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: 8473242474

Email: ip@lanzatech.com

Correspondent Name: FRANK S. MOLINARO

Address Line 1: 8045 LAMON AVENUE, SUITE 400

Address Line 4: SKOKIE, ILLINOIS 60077

ATTORNEY DOCKET NUMBER:

NAME OF SUBMITTER:

ROSE NAGEL

SIGNATURE:

/Rose A Nagel/

DATE SIGNED:

06/29/2016

This document serves as an Oath/Declaration (37 CFR 1.63).

Total Attachments: 6

PATENT REEL: 039047 FRAME: 0867

503895872



PATENT REEL: 039047 FRAME: 0868

## **ASSIGNMENT**

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

#### GAS FERMENTATION FOR THE PRODUCTION OF PROTEIN OR FEED

for which United States Patent Application No. 15/159,479 was filed on May 19, 2016 and International Patent Application No. PCT/US2016/033407 was filed on May 20, 2016;

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 New Zealand Limited, a New Zealand company registered under Company No. 1595696 and 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.

Sean Molloy

Date

MM-DD-YYYY

## **ASSIGNMENT**

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

#### GAS FERMENTATION FOR THE PRODUCTION OF PROTEIN OR FEED

for which United States Patent Application No. 15/159,479 was filed on May 19, 2016 and International Patent Application No. PCT/US2016/033407 was filed on May 20, 2016;

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 New Zealand Limited, a New Zealand company registered under Company No. 1595696 and 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:

	Date
Sean Simpson	MM-DD-YYYY
	Date
Wyatt Eric Allen	MM-DD-YYYY
/Robert John Conrado/	Date 06-16-2016
Robert John Conrado	MM-DD-YYYY
	Date
Sean Molloy	MM-DD-YYYY

## **ASSIGNMENT**

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

# GAS FERMENTATION FOR THE PRODUCTION OF PROTEIN OR FEED

for which United States Patent Application No. 15/159,479 was filed on May 19, 2016 and International Patent Application No. PCT/US2016/033407 was filed on May 20, 2016;

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 New Zealand Limited, a New Zealand company registered under Company No. 1595696 and 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.

LT116US1 LT116WO1

**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:

	Date	§
Sean Simpson		WW-00-4444
	Date	<u>S</u>
Wyatt Eric Allen		MM-DO-YYYY
	Date	
Robert John Conrado		WW-00-AAAA
2274bs	Date	08-06-16
Sean Molloy (		MMODERTY DO MAY 44