

## PATENT ASSIGNMENT COVER SHEET

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
Molly Krisann Gibson	12/20/2017
Nathan Wilson Stebbins	12/18/2017
Geoffrey A. von Maltzahn	12/18/2017
<b>RECEIVING PARTY DATA</b>	
<b>Company Name:</b>	Flagship Pioneering, Inc.
<b>Street Address:</b>	55 Cambridge Parkway, Suite 800E
<b>City:</b>	Cambridge
<b>State/Country:</b>	MASSACHUSETTS
<b>Postal Code:</b>	02142
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	16761107
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	
<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>	6174280200
<b>Email:</b>	patentadmin@clarkelbing.com
<b>Correspondent Name:</b>	James D. DECAMP
<b>Address Line 1:</b>	101 Federal Street, 15th Floor
<b>Address Line 4:</b>	Boston, MASSACHUSETTS 02110
<b>ATTORNEY DOCKET NUMBER:</b>	51169-036001
<b>NAME OF SUBMITTER:</b>	Ryan Bayne
<b>SIGNATURE:</b>	Ryan Bayne
<b>DATE SIGNED:</b>	08/12/2024
<b>Total Attachments: 6</b>	
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source=Executed K2047-702500 Assignment Gibson Stebbins Maltzahn to Flagship\_3713383\_1.PDF#page6.tiff

### ASSIGNMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, the person(s) named below (referred to as "INVENTOR" whether singular or plural) has sold, assigned, and transferred and does hereby sell, assign, and transfer to **FLAGSHIP PIONEERING, Inc.**, a Delaware corporation having a place of business at 55 Cambridge Parkway, Suite 800E, Cambridge, MA 02142 ("ASSIGNEE"), for itself and its successors, transferees, and assignees, the following:

1. The entire worldwide right, title, and interest in all inventions ("SUBJECT MATTER") that are disclosed in Kaleido Biosciences, Inc. family of provisional or non-provisional applications filed under 35 U.S.C. § 111, and international applications filed according to the Patent Cooperation Treaty (PCT), or U.S. national phase application filed under 35 U.S.C. § 371 and listed in Appendix A ("APPLICATION"):

2. The entire worldwide right, title, and interest in and to:  
(a) the APPLICATION; (b) all applications claiming priority from the APPLICATION; (c) all utility, divisional, continuation, substitute, renewal, reissue, and other applications related to the APPLICATION that have been or may be filed in the United States or elsewhere in the world; (d) all patents (including reissues and re-examinations) that may be granted on the applications set forth in (a), (b), and (c) above; and (e) all right of priority in the APPLICATION and in any underlying provisional or foreign application, together with all rights to recover damages for infringement of provisional rights.

INVENTOR agrees that ASSIGNEE may apply for and receive patents for SUBJECT MATTER in ASSIGNEE's own name.

INVENTOR agrees to do the following, when requested, and without further consideration, in order to carry out the intent of this Assignment: (1) execute all oaths, assignments, powers of attorney, applications, and other papers necessary or desirable to fully secure to ASSIGNEE the rights, titles and interests herein conveyed; (2) communicate to ASSIGNEE all known facts relating to the SUBJECT MATTER; and (3) generally do all lawful acts that ASSIGNEE shall consider desirable for securing, maintaining, and enforcing worldwide patent protection relating to the SUBJECT MATTER and for vesting in ASSIGNEE the rights, titles, and interests herein conveyed. INVENTOR further agrees to provide any successor, assign, or legal representative of ASSIGNEE with the benefits and assistance provided to ASSIGNEE hereunder.

INVENTOR represents that INVENTOR has the rights, titles, and interests to convey as set forth herein, and covenants with ASSIGNEE that the INVENTOR has not made and will not hereafter make any assignment, grant, mortgage, license, or other agreement affecting the rights, titles, and interests herein conveyed.

INVENTOR grants the attorney of record the power to insert or correct on this Assignment any further identification that may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office or other authority for recordation of this document.

This Assignment may be executed in one or more counterparts, each of which shall be deemed an original and all of which may be taken together as one and the same Assignment.

Name and Signature

Molly K. Gibson

Molly Krisann Gibson

Date of Signature

12-20-17

Witnessed By:

(1) Carolina Marino  
Signature of Witness

12-20-17  
Date

Carolina Marino  
Print Witness Name

Malden, Middlesex  
Witness' City and Country of Residence

(2) [Signature]  
Signature of Witness

12/20/2017  
Date

Jeffrey R. Moore  
Print Witness Name

Hoboken, NJ  
Witness' City and Country of Residence

Name and Signature

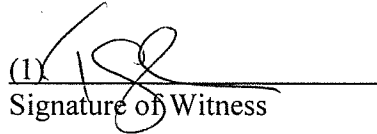


Nathan Wilson Stebbins

Date of Signature

December 18<sup>th</sup> 2017

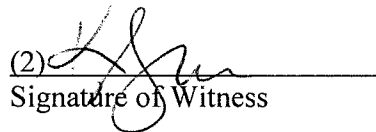
Witnessed By:

(1)   
Signature of Witness

Tammy Beckwith  
Print Witness Name

12/18/17  
Date

Framingham US  
Witness' City and Country of Residence

(2)   
Signature of Witness

Kelly Morgan  
Print Witness Name

12/18/17  
Date

Boston US  
Witness' City and Country of Residence

Name and Signature



Geoffrey A. von Maltzahn

Date of Signature

12/18/2017

Witnessed By:

(1)

Signature of Witness

Sammy Beckwith

Print Witness Name

Date

12/18/17

Framingham US

Witness' City and Country of Residence

(2)

Signature of Witness

Kelly Morgan

Print Witness Name

Date

12/18/17

Boston US

Witness' City and Country of Residence

Attorney Docket No.: K2047- K2047-702200;702400;702500

By: FLAGSHIP PIONEERING, INC.

12-21-17  
\_\_\_\_\_  
Date

  
\_\_\_\_\_  
Signature

Chuck Carelli  
\_\_\_\_\_  
Printed Name of Signor

Chief Financial Officer  
\_\_\_\_\_  
Title/Authority of Signor

**APPENDIX A**

<b>ATTORNEY DOCKET NO.</b>	<b>TITLE</b>	<b>APPLICATION NO.</b>	<b>DATE FILED</b>
K2047-702200	GLYCAN PREPARATIONS AND METHODS OF USE IN ACIDEMIAS	62/581,577	03-Nov-2017
K2047-702400	GLYCAN PREPARATIONS AND METHODS OF USE IN TRIMETHYLAMINURIA	62/581,601	03-Nov-2017
K2047-702500	GLYCAN PREPARATIONS AND METHODS OF USE IN UREA CYCLE DISORDERS	62/581,583	03-Nov-2017