PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4888202

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
JOHN P. CASEY JR.	02/02/2018
BRIAN PRESCOTT FISKE	02/22/2018

RECEIVING PARTY DATA

Name:	FLAGSHIP PIONEERING, INC.	
Street Address:	55 CAMBRIDGE PARKWAY, 8TH FLOOR	
Internal Address:	SUITE 800E	
City:	CAMBRIDGE	
State/Country:	MASSACHUSETTS	
Postal Code:	02142	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15858581

CORRESPONDENCE DATA

Fax Number: (503)595-5301

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: 503-595-5300

Email: susan.graf@klarquist.com

Correspondent Name: SUSAN W. GRAF/KLARQUIST SPARKMAN, LLP

Address Line 1: 121 SW SALMON STREET

Address Line 2: SUITE 1600

Address Line 4: PORTLAND, OREGON 97204

ATTORNEY DOCKET NUMBER:	9582-98296-02	
NAME OF SUBMITTER:	SUSAN W. GRAF, PH.D.	
SIGNATURE:	/Susan W. Graf/	
DATE SIGNED:	03/28/2018	

Total Attachments: 4

source=Assignment (Flagship)#page1.tif source=Assignment (Flagship)#page2.tif source=Assignment (Flagship)#page3.tif

PATENT 504841465 REEL: 045375 FRAME: 0621

source=Assignment (Flagship)#page4.tif

PATENT REEL: 045375 FRAME: 0622

Docket No.: 10002US1 Assignment- Page 1 of 4

ASSIGNMENT

For good and valuable consideration, the sufficiency and receipt of which is hereby acknowledged, We, the undersigned John P. Casey, Jr., a citizen of the United States of America, having a mailing address of 1 Goodwin Pl, #4, Boston, MA 02114; and Brian Prescott Fiske, a citizen of the United States of America, having a mailing address of 380 Prospect Street, Apt. 3, Cambridge, MA 02139, hereby:

Sell, assign and transfer to FLAGSHIP PIONEERING, INC., a Delaware corporation having a place of business at 55 Cambridge Parkway, 8th floor Suite 800E, Cambridge, Massachusetts 02142, its successors, assigns and legal representatives, all hereinafter referred to as said Assignee, the entire right, title and interest for the United States and all foreign countries, in and to any and all inventions which are disclosed in an application for Letters Patent filed in the United States Patent and Trademark Office on:

	December 29, 2017	
	Enter Filing Date Above	
under Application Serial No	15/858,581	and
Entitled, "NOVEI	PLANT CELLS, PLANTS,	AND SEEDS"

and in and to said application and any application that is based in whole or in part on said application, including any divisional, continuing, substitute, renewal, reissue, reexamination and other applications, for example applications that claim priority to said application, that have been or may be filed in the United States or elsewhere in the world; all patents (including reissues and re-examinations) that may be granted on said any and all applications set forth herein; and all right of priority in said application and in any underlying provisional or foreign application, together with all rights to recover damages for infringement of provisional rights;

Appoint, authorize and request the attorneys appointed in said application to hereafter complete this assignment by inserting in the spaces provided above the filing date and serial number of said application when known;

Agree that said Assignee may apply for and receive Letters Patent for said any and all inventions in its own name; and when requested, without charge to but at the expense of said Assignee, We agree to carry out in good faith the intent and purpose of this assignment, by executing all divisional, continuing, substitute, renewal, reissue, and all other patent applications on said any and all inventions, by executing all rightful oaths, assignments, powers of attorney and other papers, by communicating to said Assignee all facts known to relating to said any and all inventions and the history thereof, and generally by doing everything reasonably possible which said Assignee shall consider desirable for aiding in securing and maintaining proper patent protection for said any and all inventions and for vesting title to said any and all inventions and all applications for patents and all patents on said inventions, in said Assignee;

PATENT REEL: 045375 FRAME: 0623

Docket No.: 10002US1 Assignment- Page 2 of 4

Request the Honorable Commissioner of Patents and Trademarks to issue said Letters Patent to said Assignee; and

Covenant with said Assignee that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by me and that full right to convey the same as herein expressed is possessed by me.

Said Assignee does hereby acknowledge and accept the above sale, assignment and transfer of all the rights, title and interest enumerated above, including but not limited to the right to priority and the right to sue for past infringement.

2-23-18 Date	By:	FLAGSHIP PIONEERING, INC. Signature
2		Chuck Carelli
		Printed Name of Signor
		Chief Financial Officer
		Title/Authority of Signor

Docket No.: 10002US1 Assignment- Page 3 of 4

<u> 2918-02.02</u>

Date

John P. Casey, Jr.

Witness:

2018-02-02

Date

Signature

Docket No.: 10002US1 Assignment- Page 4 of 4

Date

Date

Date

Date

Date

Date

Witness:

 $\frac{2/22/20/8}{\text{Date}}$

Signature /

PATENT REEL: 045375 FRAME: 0626

RECORDED: 03/28/2018