

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT4982953

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT		
<b>NATURE OF CONVEYANCE:</b>	EXECUTIVE ORDER 9424, CONFIRMATORY LICENSE		
<b>CONVEYING PARTY DATA</b>			
<b>Name</b>		<b>Execution Date</b>	
ARCADIA BIOSCIENCES, INC.		05/15/2018	
<b>RECEIVING PARTY DATA</b>			
<b>Name:</b>	U.S. GOVERNMENT, AS REPRESENTED BY THE U.S. DEPARTMENT OF HEALTH AND HUMAN SERVICES, NATIONAL INSTITUTE OF DIABETES AND DIGESTIVE AND KIDNEY DISEASES		
<b>Street Address:</b>	6705 ROCKLEDGE DRIVE		
<b>City:</b>	BETHESDA		
<b>State/Country:</b>	MARYLAND		
<b>Postal Code:</b>	20892-7980		
<b>PROPERTY NUMBERS Total: 1</b>			
<b>Property Type</b>	<b>Number</b>		
<b>Application Number:</b>	15914994		
<b>CORRESPONDENCE DATA</b>			
<b>Fax Number:</b>	(585)270-2179		
<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>	585-270-2122		
<b>Email:</b>	mary.heeks@leclairryan.com		
<b>Correspondent Name:</b>	LECLAIRRYAN PLLC		
<b>Address Line 1:</b>	70 LINDEN OAKS		
<b>Address Line 2:</b>	SUITE 210		
<b>Address Line 4:</b>	ROCHESTER, NEW YORK 14625		
<b>ATTORNEY DOCKET NUMBER:</b>	56324.0130		
<b>NAME OF SUBMITTER:</b>	MARY FRANCES HEEKS		
<b>SIGNATURE:</b>	/Mary Frances Heeks/		
<b>DATE SIGNED:</b>	05/30/2018		
<b>Total Attachments: 3</b>			
source=20180515_Executed_Confirmatory_Licenses_56324_0130#page1.tif			
source=20180515_Executed_Confirmatory_Licenses_56324_0130#page2.tif			
source=20180515_Executed_Confirmatory_Licenses_56324_0130#page3.tif			

# License to the United States Government

Sign and submit the executed document to the appropriate funding agency (e.g. upload in iEdison).

Invention Title: WHEAT WITH INCREASED RESISTANT STARCH LEVELS

Inventor(s): SLADE, Ann J.

LOEFFLER, Dayna L.

HOLM, Aaron M.

MULLENBERG, Jessica C.

U.S. Filing/Issue Date: 03/07/2018

Patent or Application Serial No.: 15/914,994

Grant/Contract Number(s): 1R44DK085811-01A1

Foreign Applications filed/intended in (countries): \_\_\_\_\_

The invention identified above is a Subject Invention under 35 U.S.C. 200, et seq., and the Standard Patent Rights clause at 37 CFR 401.14, FAR 52.227-11 or FAR 52.227-12 (if applicable) which are included among the terms of the above identified grant or contract award from the United States Government. This document is confirmatory of:

1. The nonexclusive, nontransferable, irrevocable, paid-up license to practice or have practiced for or on behalf of the United States the invention described in any patent application and in any and all divisions, continuations, and continuations in part, and in any and all patents and re-issues granted thereon throughout the world; and
2. All other rights acquired by the Government by reason of the above identified grant/contract award and the laws and regulations that are applicable to the award.

The Government is hereby granted an irrevocable power to inspect and make copies of the above-identified patent application.

Signed this \_\_\_\_\_

15<sup>th</sup>

day of

May

, 20 18

By Rajendra Ketkar

(Institutional Business Official)

Rajendra Ketkar  
(Signature)

Title President and CEO

For ARCADIA BIOSCIENCES, INC.

(Grantee/Contractor Organization)

At 202 Cousteau Place, Suite 105

Davis, CA 95618

(Business Address)

# License to the United States Government

Sign and submit the executed document to the appropriate funding agency (e.g. upload in iEdison).

Invention Title: WHEAT WITH INCREASED RESISTANT STARCH LEVELS

Inventor(s): SLADE, Ann J.

LOEFFLER, Dayna L.

HOLM, Aaron M.

MULLENBERG, Jessica C.

U.S. Filing/Issue Date: 03/07/2018

Patent or Application Serial No.: 15/914,994

Grant/Contract Number(s): 4R44DK085011-02

Foreign Applications filed/intended in (countries): \_\_\_\_\_

The invention identified above is a Subject Invention under 35 U.S.C. 200, et seq., and the Standard Patent Rights clause at 37 CFR 401.14, FAR 52.227-11 or FAR 52.227-12 (if applicable) which are included among the terms of the above identified grant or contract award from the United States Government. This document is confirmatory of:

1. The nonexclusive, nontransferable, irrevocable, paid-up license to practice or have practiced for or on behalf of the United States the invention described in any patent application and in any and all divisions, continuations, and continuations in part, and in any and all patents and re-issues granted thereon throughout the world; and
2. All other rights acquired by the Government by reason of the above identified grant/contract award and the laws and regulations that are applicable to the award.

The Government is hereby granted an irrevocable power to inspect and make copies of the above-identified patent application.

Signed this 15<sup>th</sup> day of May, 2018.

By Rajendra Ketkar  
(Institutional Business Official)

Rajendra Ketkar  
(Signature)

Title President and CEO

For ARCADIA BIOSCIENCES, INC.  
(Grantee/Contractor Organization)

At 202 Cousteau Place, Suite 105

Davis, CA 95618

(Business Address)

# License to the United States Government

Sign and submit the executed document to the appropriate funding agency (e.g. upload in iEdison).

Invention Title: WHEAT WITH INCREASED RESISTANT STARCH LEVELS

Inventor(s): SLADE, Ann J.

LOEFFLER, Dayna L.

HOLM, Aaron M.

MULLENBERG, Jessica C.

U.S. Filing/Issue Date: 03/07/2018

Patent or Application Serial No.: 15/914,994

Grant/Contract Number(s): 5R44DK085811-03

Foreign Applications filed/intended in (countries): \_\_\_\_\_

The invention identified above is a Subject Invention under 35 U.S.C. 200, et seq., and the Standard Patent Rights clause at 37 CFR 401.14, FAR 52.227-11 or FAR 52.227-12 (if applicable) which are included among the terms of the above identified grant or contract award from the United States Government. This document is confirmatory of:

1. The nonexclusive, nontransferable, irrevocable, paid-up license to practice or have practiced for or on behalf of the United States the invention described in any patent application and in any and all divisions, continuations, and continuations in part, and in any and all patents and re-issues granted thereon throughout the world; and
2. All other rights acquired by the Government by reason of the above identified grant/contract award and the laws and regulations that are applicable to the award.

The Government is hereby granted an irrevocable power to inspect and make copies of the above-identified patent application.

Signed this 15<sup>th</sup> day of May, 20 18

By Rajendra Kerkar  
(Institutional Business Official)

Rajendra Kerkar  
(Signature)

Title President and CEO

For ARCADIA BIOSCIENCES, INC.  
(Grantee/Contractor Organization)

At 202 Cousteau Place, Suite 105

Davis, CA 95618

(Business Address)