505957618 03/09/2020

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6004325

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	EXECUTIVE ORDER 9424, CONFIRMATORY LICENSE	

CONVEYING PARTY DATA

Name	Execution Date
ARIZONA STATE UNIVERSITY-TEMPE CAMPUS	12/20/2019

RECEIVING PARTY DATA

Name:	UNITED STATES DEPARTMENT OF ENERGY	
Street Address:	1000 INDEPENDENCE AVE. S.W.	
City:	WASHINGTON	
State/Country:	D.C.	
Postal Code:	20585	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16716306

CORRESPONDENCE DATA

Fax Number: (630)252-2779

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: (630) 252-2137

Email: Confirmatory.License@science.doe.gov

Correspondent Name: TIMOTHY L HARNEY **Address Line 1:** 9800 S. CASS AVE

Address Line 2: IPLD

Address Line 4: LEMONT, ILLINOIS 60439

ATTORNEY DOCKET NUMBER:	16/716,306 PSL
NAME OF SUBMITTER:	PAULA S LEON
SIGNATURE:	/Paula S Leon/
DATE SIGNED:	03/09/2020

Total Attachments: 1

source=16-716,306 CL#page1.tif

PATENT 505957618 REEL: 052130 FRAME: 0495

License to the United States Government

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

Invention Title: Expression of Functional Bacterial Type I Fatty Acid Synthase in Photosynthetic Hosts

Inventor(s): Willem Vermaas, Tyson Burch

U.S. Filing/Issue Date: 12/16/2019

Patent or Application Serial No.: 16/716,306

Grant/Contract Number(s): DE-EE0007561

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 12/20/2019

Ву	Heather Clark	Allah	
	(Institutional Business Official)	(Signature)	
Title_	Executive Director, Research Operations		

For <u>ARIZONA STATE UNIVERSITY-TEMPE CAMPUS</u> (Grantee/Contractor Organization)

At <u>Office of Knowledge Enterprise Development Office for Research and Sponsored Projects, Tempe, AZ 85287</u>

(Business Address)

PATENT REEL: 052130 FRAME: 0496

RECORDED: 03/09/2020