506796262 08/02/2021

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6843081

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

CONVEYING PARTY DATA

Name	Execution Date
ACHATES POWER, INC.	12/12/2019

RECEIVING PARTY DATA

Name:	U.S. DEPARTMENT OF ENERGY	
Street Address:	1000 INDEPENDNCE AVE., SW	
City:	WASHINGTON	
State/Country:	D.C.	
Postal Code:	20585	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16655076

CORRESPONDENCE DATA

Fax Number: (202)586-7127

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.

Email: brenda.banks@hq.doe.gov

Correspondent Name: BRENDA K. BANKS

Address Line 1: 1000 INDEPENDENCE AVE.

Address Line 4: WASHINGTON, D.C. 20585

NAME OF SUBMITTER:	BRENDA K BANKS
SIGNATURE:	/BRENDA K BANKS/
DATE SIGNED:	08/02/2021

Total Attachments: 1

source=confirmatory license 6877240#page1.tif

PATENT 506796262 REEL: 057052 FRAME: 0375

License to the United States Government

RECORDED: 08/02/2021

Sign and submit the executed document to the appropriate funding agency (e.g. upload in iEdison). Invention Title: CYLINDER COOLING IN OPPOSED-PISTON ENGINES Inventor(s): Abhishek Sahasrabudhe; Miles Linscott; Sebastian Strauss U.S. Filing/Issue Date: 10/16/2019 Patent or Application Serial No.: 16/655,076 Grant/Contract Number(s): DE-AR0000657 Foreign Applications filed/intended in (countries): PCT (national phase in CN, EP, IN, JP) 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: 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 [2^T/_t day of DEEMBE LAURENCE J. FROMM (Institutional Business Official) Executive Vice-President, Chief Commercial Officer Title ACHATES POWER, INC. (Organization) 4060 Sorrento Valley Blvd., San Diego, CA 92121 (Business Address)

> PATENT REEL: 057052 FRAME: 0376