

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT6749380

<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>
CUMMINS, INC. D/B/A CUMMINS TECHNICAL CENTER	05/25/2021
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	UNITED STATES DEPARTMENT OF ENERGY
<b>Street Address:</b>	1000 INDEPENDENCE AVE. S.W.
<b>City:</b>	WASHINGTON
<b>State/Country:</b>	D.C.
<b>Postal Code:</b>	20585
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	17224523
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(630)252-2779
<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>	(630) 252-2137
<b>Email:</b>	Confirmatory.License@science.doe.gov
<b>Correspondent Name:</b>	TIMOTHY L HARNEY
<b>Address Line 1:</b>	9800 S. CASS AVE
<b>Address Line 2:</b>	IPLD
<b>Address Line 4:</b>	LEMONT, ILLINOIS 60439
<b>ATTORNEY DOCKET NUMBER:</b>	17/224,523 PSL
<b>NAME OF SUBMITTER:</b>	PAULA S LEON
<b>SIGNATURE:</b>	/Paula S Leon/
<b>DATE SIGNED:</b>	06/08/2021
<b>Total Attachments: 1</b>	
source=17-224,523 CL#page1.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: WHR Power Electronics Cooling

Inventor(s): Timothy C. Ernst, Jonathan A. Dickson, Manik Narula

U.S. Filing/Issue Date: 04/07/2021

Patent or Application Serial No.: 17/224,523

Grant/Contract Number(s): DE-EE0007761

Foreign Applications filed/intended in (countries): CHINA

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 25<sup>th</sup> day of May, 2021.

By J. Steven Kolkhouse (Institutional Business Official) [Signature] (Signature)

Title Director, R&T

For CUMMINS, INC. D/B/A CUMMINS TECHNICAL CENTER (Grantee/Contractor Organization)

CUMMINS, INC. D/B/A CUMMINS TECHNICAL CENTER 1900 MCKINLEY AVE  
At COLUMBUS, IN 47201  
(Business Address)