

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT7804660

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	EXECUTIVE ORDER 9424, CONFIRMATORY LICENSE	
CONVEYING PARTY DATA		
	Name	Execution Date
	BATTELLE ENERGY ALLIANCE IDAHO NATL LAB	01/24/2023
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:	17936248
CORRESPONDENCE DATA		
Fax Number:	(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>		
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:	17/936,248 PSL	
NAME OF SUBMITTER:	PAULA S LEON	
SIGNATURE:	/PAULA S LEON/	
DATE SIGNED:	02/20/2023	
Total Attachments: 1		
source=17-936,248#page1.tif		

License to the United States Government

Generated on 01/24/2023 with iEdison

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

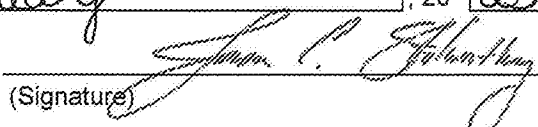
Title of Invention: NUCLEAR REACTOR FLOW CONTROLS DEVICES AND ASSOCIATED REACTORS,
COMPONENTS, AND METHODSInventor(s): John P. Carter, Richard ChristensenU.S. Filing/Issue Date: 09/28/2022Patent or Application Serial No.: 17/936,248Grant/Contract Number(s): DE-AC07-05ID14517

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 24th day of January, 20 23.By Jason Stolworthy
(Institutional Business Official)(Signature) Title Director, Technology DeploymentFor BATTELLE ENERGY ALLIANCE IDAHO NATL LAB
(Grantee/Contractor Organization)At BATTELLE ENERGY ALLIANCE, LLCIDAHO NATIONAL LABORATORY
(Business Address)IDAHO FALLS ID 834273805
(City/State/Zipcode)