PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT7281982

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

CONVEYING PARTY DATA

Name	Execution Date
UCHICAGO ARGONNE, LLC	03/25/2019

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:	15691666

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:	15-691666 CAR
NAME OF SUBMITTER:	CYNTHIA RIDGE
SIGNATURE:	/S/CYNTHIA RIDGE
DATE SIGNED:	04/15/2022

Total Attachments: 1

source=15-691666 License#page1.tif

PATENT 507235063 REEL: 059610 FRAME: 0090

CONFIRMATORY LICENSE

ALKALINE ACTIVATION WITH SINGLE AND BI-METALLIC Title of Invention: CATALYSTS

Inventors:

Theodore R. Krause, Adam S. Hock, Guanghui Zhang, Yunjie Xu

Patent Application Serial No.: 15/691,666

Filing Date: August 30, 2017

Patent Number:

Issue Date:

Contractor:

UChicago Argonne, LLC DOE Contract No.: DE-AC02-06CH11357

DOE Case No.: S-148,392

ANL Case No.: ANL-IN-16-071

The Contractor has reported the above-identified invention as a subject invention to DOF and has elected to retain title thereto.

Accordingly, this document is confirmatory of the nonexclusive, nontransferable, irrevocable, paid-up, worldwide license in this subject invention, patent application and any resulting patent, including any continuation, divisional, reissue, or supplemental application thereof, to practice or to have practiced for or on behalf of the United States throughout the world; and of all other rights acquired by the Government by the patent rights clause in the above-identified contract.

It is understood and agreed that this license does not preclude the Government from asserting rights under the provisions of said contract or of any other agreement between the Government and the Contractor, or from asserting any other rights of the Government with respect to the above-identified subject invention.

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

Signed this 25TH DAY OF MARCH, 2019

Contractor Name: UChicago Argonne, LLC

Bv: Mark D. Hilliard

Chief Patent Counsel

Argonne National Laboratory

UChicago Argonne, LLC

PATENT REEL: 059610 FRAME: 0091

RECORDED: 04/15/2022