505927918 02/21/2020

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5974636

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

CONVEYING PARTY DATA

Name	Execution Date
BOSTON UNIVERSITY CHARLES RIVER CAMPUS	10/31/2019

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:	11255650

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: ARGONNE, ILLINOIS 60439

ATTORNEY DOCKET NUMBER:	11/255,650 PSL
NAME OF SUBMITTER:	PAULA S LEON
SIGNATURE:	/Paula S Leon/
DATE SIGNED:	02/21/2020

Total Attachments: 1

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PATENT 505927918 REEL: 051989 FRAME: 0121

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Sign and submit the executed document to the appropriate funding agency (e.g. upload in iEdison). Invention Title Composite Mixed Oxide Tonic and Electronic Conductors for Bydrogen Separation Inventor(s): Uday B. Fal. Cui Hengdong, Srikanth Gopalan, Annamalai Karthikeyan U.S. Filing/Issue Date: 10/21/2005 Patent or Application Serial No.: 11/255,650 Grant/Contract Number(s): DE-FC26-03NT41958 Foreign Applications filed/intended in (countries): EUR PATENT OFC, JAPAN 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 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. Martin J. Howard (Institutional Business Official) Treasurer Title For BOSTON UNIVERSITY CHARLES RIVER CAMPUS (Grantee/Contractor Organization) At 53 Bay State Road Boston, MA 02215 (Business Address)

> PATENT REEL: 051989 FRAME: 0122