505437882 04/22/2019

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5484683

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

#### **CONVEYING PARTY DATA**

Name	Execution Date
UNIVERSITY OF SOUTH CAROLINA	04/17/2019

### **RECEIVING PARTY DATA**

Name:	NATIONAL SCIENCE FOUNDATION
Street Address:	2415 EISENHOWER AVENUE
Internal Address:	ROOM W 18000
City:	ALEXANDRIA
State/Country:	VIRGINIA
Postal Code:	22314

## **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	16376158

#### **CORRESPONDENCE DATA**

**Fax Number:** (703)292-9041

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: nsfpatents@nsf.gov

Correspondent Name: NATIONAL SCIENCE FOUNDATION

Address Line 1: 2415 EISENHOWER AVENUE

Address Line 2: ROOM W 18000

Address Line 4: ALEXANDRIA, VIRGINIA 22314

NAME OF SUBMITTER:DANA THIBODEAUSIGNATURE:/DMT/DATE SIGNED:04/22/2019

**Total Attachments: 1** source=5391#page1.tif

PATENT 505437882 REEL: 048951 FRAME: 0698

# License to the United States Government

Sign and submit the executed document to the appropriate funding agency (e.g. upload in iEdison).
Invention Title: Ammonia Decomposition Catalyst Systems
Inventor(s): Jochen Lauterbach, Katherine McCullough
U.S. Filing/issue Date: 04/05/2019
Patent or Application Serial No.: 16/376, 158
Grant/Contract Number(s): DGE1250052, DE-AR0000931
Foreign Applications filed/intended in (countries):
The invention identified above is a Subject Invention under <b>35 U.S.C. 200, et seq.</b> , and the Standard Patent Rights clause at <b>37 CFR 401.14, FAR 52.227-11</b> or <b>FAR 52.227-12</b> (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:
<ol> <li>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</li> <li>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.</li> </ol>
The Government is hereby granted an irrevocable power to inspect and make copies of the above-identified patent application.
Signed this
Title Associate Director, Technology Commercialization
For UNIVERSITY OF SOUTH CAROLINA (Grantee/Contractor Organization)
44 541 Main Street Horizon 1 Building Columbia, SC 29208 (Business Address)

PATENT REEL: 048951 FRAME: 0699

**RECORDED: 04/22/2019**