

PATENT ASSIGNMENT

Electronic Version v1.1  
Stylesheet Version v1.1

|                                                                                                                   |                                            |
|-------------------------------------------------------------------------------------------------------------------|--------------------------------------------|
| SUBMISSION TYPE:                                                                                                  | NEW ASSIGNMENT                             |
| NATURE OF CONVEYANCE:                                                                                             | EXECUTIVE ORDER 9424, CONFIRMATORY LICENSE |
| CONVEYING PARTY DATA                                                                                              |                                            |
| Name                                                                                                              | Execution Date                             |
| University of Kansas Lawrence                                                                                     | 08/13/2010                                 |
| RECEIVING PARTY DATA                                                                                              |                                            |
| Name:                                                                                                             | National Science Foundation                |
| Street Address:                                                                                                   | 4201 Wilson Blvd                           |
| Internal Address:                                                                                                 | Room 1265                                  |
| City:                                                                                                             | Arlington                                  |
| State/Country:                                                                                                    | VIRGINIA                                   |
| Postal Code:                                                                                                      | 22230                                      |
| PROPERTY NUMBERS Total: 1                                                                                         |                                            |
| Property Type                                                                                                     | Number                                     |
| Application Number:                                                                                               | 12578907                                   |
| CORRESPONDENCE DATA                                                                                               |                                            |
| Fax Number: (703)292-9041<br><i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i> |                                            |
| Email: nsfpatents@nsf.gov                                                                                         |                                            |
| Correspondent Name: National Science Foundation                                                                   |                                            |
| Address Line 1: 4201 Wilson Blvd                                                                                  |                                            |
| Address Line 2: Room 1265                                                                                         |                                            |
| Address Line 4: Arlington, VIRGINIA 22230                                                                         |                                            |
| NAME OF SUBMITTER:                                                                                                | Robin Clay                                 |
| Total Attachments: 1<br>source=203#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: Near-Stoichiometric and Reversible O<sub>2</sub> Binding on Metal Centers in Co(salen)

Nanoparticles

Inventor(s): Andrew S Borovik, Bala Subramaniam, Chad Johnson

U.S. Filing/Issue Date: Oct 14, 2009

Patent or Application Serial No.: 12/578,907

Grant/Contract Number(s): BEC0310689

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

13<sup>th</sup> day of Aug, 2010

By Joseph A. Heppert

(Name of Grantee/Contractor Official)

Title Associate Vice Provost for Research and Graduate Studies

For UNIVERSITY OF KANSAS LAWRENCE

(Grantee/Contractor Organization)

University of Kansas 203 Youngberg Lawrence, KS 66045 US

(Business Address)

**PATENT**