

12/30/14

Form PTO-1595 (Rev. 07/05)
OMB No. 0651-0027 (exp. 6/30/2008)

01/02/2015



103670395

U.S. DEPARTMENT OF COMMERCE
United States Patent and Trademark Office

CAR

S-137,311

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

1. Name of conveying party(ies)
Northwestern University
Additional name(s) of conveying party(ies) attached? Yes No

2. Name and address of receiving party(ies)
Name: United States Department of Energy
Internal Address: _____
Street Address: 1000 Independence Ave., S.W
City: Washington
State: D.C.
Country: USA Zip: 20585
Additional name(s) & address(es) attached? Yes No

3. Nature of conveyance/Execution Date(s):
Execution Date(s) June 24, 2014
 Assignment Merger
 Security Agreement Change of Name
 Joint Research Agreement
 Government Interest Assignment
 Executive Order 9424, Confirmatory License
 Other _____

4. Application or patent number(s): This document is being filed together with a new application.
A. Patent Application No.(s)
Serial No. 14/298,523
B. Patent No.(s)
Additional numbers attached? Yes No

5. Name and address to whom correspondence concerning document should be mailed:
Name: Michael J. Dobbs
Internal Address: U. S. Dept. of Energy, IPLD
Street Address: 9800 S. Cass Ave
City: Argonne
State: IL Zip: 60439
Phone Number: 630-252-2164
Fax Number: 630-252-2779
Email Address: Confirmatory.License@ch.doe.gov

6. Total number of applications and patents involved: 1
7. Total fee (37 CFR 1.21(h) & 3.41) \$ _____
 Authorized to be charged by credit card
 Authorized to be charged to deposit account
 Enclosed
 None required (government interest not affecting title)
8. Payment Information
a. Credit Card Last 4 Numbers _____
Expiration Date _____
b. Deposit Account Number _____
Authorized User Name _____

9. Signature: [Signature] Signature Date 12/29/2014

John D. Cravero #71,245
Name of Person Signing

Total number of pages including cover sheet, attachments, and documents: **2**

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to: Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

LICENSE TO THE UNITED STATES GOVERNMENT

Sign and submit the executed document to the appropriate funding agency (e.g. upload in iEdison or email to U.S. government agency, as required)

Invention Title: Semiconductor Materials and Their Use In Optoelectronic Devices

Inventor(s): Antonio Facchetti; Tobin J Marks; Hiroyuki Miyauchi; Pierre-Luc Boudreault

U.S. Filing/Issue Date: Jun 6, 2014

Patent or Application Serial No. 14/298,523

Grant/Contract Number(s): DE-SC0001059 (DOE)

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.

Signed: June 24, 2014

By: Alicia I. Löffler, Ph.D.
(Institutional Business Official)


(Signature)

Title: Associate Provost, Associate Vice President for Research and Executive Director INVO

For NORTHWESTERN UNIVERSITY
(Grantee/Contractor Organization)

At Innovation and New Ventures Office (INVO), 1800 Sherman Avenue, Suite 504, Evanston, Illinois 60201 USA

Official Business Address of the University:

Northwestern University
633 Clark Street
Evanston, IL 60208 USA