505298245 01/28/2019

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5345022

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

CONVEYING PARTY DATA

Name	Execution Date
UNIVERSITY OF MICHIGAN	08/08/2016

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:	15030152

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:	15/030,152 PSL
NAME OF SUBMITTER:	PAULA S LEON
SIGNATURE:	/Paula S Leon/
DATE SIGNED:	01/28/2019

Total Attachments: 1

source=15-030,152 CL#page1.tif

PATENT REEL: 048149 FRAME: 0949

505298245

License to the United States Government

(Business Address)

RECORDED: 01/28/2019

Sign and submit the executed document to the appropriate funding agency (e.g. upload in iEdison). Invention Title: Righ Efficiency Multiple Junction Small Molecule Photovoltaic Cell Design Inventor(s): Stephen R Forrest, Jeramy D Zimmerman, Xiaozhou Che, Xin Xiao U.S. Filling/Issue Date: 04/18/2016 Patent or Application Serial No.: 15/030,152 Grant/Contract Number(s): DE-EE0005310 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 Flights 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: 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. day of August Signed this By Tara M. Hartman (Institutional Business Official) (Signature) Title Associate General Counsel For UNIVERSITY OF MICHIGAN (Grantee/Contractor Organization) At 1600 Huron Parkway, 2nd Fl University of Michigan - Technology Transfer ANN ARBOR, MI 481092590

> PATENT REEL: 048149 FRAME: 0950