#### 503756297 03/28/2016

# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3802943

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

#### **CONVEYING PARTY DATA**

Name	Execution Date
CORNELL UNIVERSITY	03/17/2016

### **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
Patent Number:	9217830

#### 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

NATIONAL SCIENCE FOUNDATION Correspondent Name:

Address Line 1: 4201 WILSON BLVD

Address Line 2: **ROOM 1265** 

Address Line 4: ARLINGTON, VIRGINIA 22230

NAME OF SUBMITTER:	DANA THIBODEAU	
SIGNATURE:	/DMT/	
DATE SIGNED:	03/28/2016	

**Total Attachments: 1** source=2099#page1.tif

> **PATENT** REEL: 038274 FRAME: 0948 503756297



395 Pine Tree Road, Suite 310 Ithaca, New York 14850 p. 607-254-4698 f. 607-254-5454 www.ctl.cornell.edu

5112-03-US

## License to the United States Government

Sign and Fax this to (301) 480-0272

Invention Title: Electro-Optic Modulator Structures, Related Methods and Applications

Inventor(s): Sasikanth Manipatruni; Kyle J. Preston; Long Chen; Michal Lipson

U.S. Issue Date: Dec. 22, 2015

U.S. Patent No.: 9,217,830

Grant/Contract Number(s): 0446571

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 State 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	Mar 17, 2016	
Ву	Michelle Shields	Chaptel Ok. 21
Title:	Intellectual Property Manager	(Signature)
For Cornell	University / Cornell Research Foundation, Inc. (Grantee/Contractor Organization)	

395 Pine Tree Road, Suite 310, Ithaca, NY 14850

RECORDED: 03/28/2016

PATENT REEL: 038274 FRAME: 0949