11/01/2017 504621786

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4668504

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

CONVEYING PARTY DATA

Name	Execution Date
PRINCETON UNIVERSITY	10/27/2017

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:	15723525

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:	11/01/2017

Total Attachments: 1 source=3940#page1.tif

> **PATENT** REEL: 044347 FRAME: 0161 504621786

EIR 6661401-16-0042 Okt 17-3299-1

License to the United States Government

	s document to the appropriate randing agency (e.g. apidad in inclusion).
Inventio	on Title: A Secure Optical Communication Channel for Implantable Medical Devices
Invento	r(s): Arsalan Mosenia, Niraj K Jha
U.S. Fil	ing/Issue Date: 10/03/2017
Patent	or Application Serial No.: 15/723,525
Grant/C	Contract Number(s): CNS1219570, CNS1617628
Foreign	Applications filed/intended in (countries):
at 37 C	ention identified above is a Subject Invention under 35 U.S.C. 200, et seq. , and the Standard Patent Rights claus FR 401.14, FAR 52.227-11 or FAR 52.227-12 (if applicable) which are included among the terms of the aboved grant or contract award from the United States Government. This document is confirmatory of:
Uni cor 2. All	e nonexclusive, nontransferable, irrevocable, paid-up license to practice or have practiced for or on behalf of the ited States the invention described in any patent application and in any and all divisions, continuations, an attinuations in part, and in any and all patents and re-issues granted thereon throughout the world; and other rights acquired by the Government by reason of the above identified grant/contract award and the laws an ulations that are applicable to the award.
The Go applicat	vernment is hereby granted an irrevocable power to inspect and make copies of the above-identified pater tion.
Signed () By <u>(</u> Σ	this day of October 20 177 John F. Ritter, Director Office of Technology Licensing (Signature)
	NCETON UNIVERSITY
	(Grantee/Contractor Organization)

PATENT REEL: 044347 FRAME: 0162

RECORDED: 11/01/2017

(Business Address)