#### 12/11/2017 504681378

## PATENT ASSIGNMENT COVER SHEET

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

#### **CONVEYING PARTY DATA**

Name	Execution Date
UNIVERSITY OF MINNESOTA	12/04/2017

#### **RECEIVING PARTY DATA**

Name:	NATIONAL SCIENCE FOUNDATION			
Street Address:	2415 EISENHOWER AVENUE			
Internal Address:	ROOM W 18000			
City:	ALEXANDRIA			
State/Country:	VIRGINIA			
Postal Code:	22314			

### **PROPERTY NUMBERS Total: 1**

Property Type	Number		
Application Number:	09643295		

#### **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: 2415 EISENHOWER AVENUE

Address Line 2: **ROOM W 18000** 

Address Line 4: ALEXANDRIA, VIRGINIA 22314

NAME OF SUBMITTER:	DANA THIBODEAU
SIGNATURE:	/DMT/
DATE SIGNED:	12/11/2017

**Total Attachments: 1** source=4086#page1.tif

> REEL: 044828 FRAME: 0636 504681378

**PATENT** 

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Sign and s	ubmit the executed documen	t to the approp	riate funding agency	(e.g. upload in iEdison).	
Invention	Title: Zero Voltage Sw	itching DC	-DC Converter		
Inventor(s	): <u>Rajapandian Ayyan</u> a	ar, Ned Mol	han		
U.S. Filing	g/Issue Date: <u>08/22/200</u>	9	······································		
Patent or	Application Serial No.: 09	/643,295		***************************************	
Grant/Cor	ntract Number(s): 980013	0			
Foreign A	pplications filed/intended i	n (countries):			
at 37 CFF		or FAR 52.2	! <b>27-12</b> (if applicat	ole) which are included	Standard Patent Rights clause among the terms of the above s confirmatory of:
Unite contii 2. All ot	d States the invention d nuations in part, and in an	escribed in a y and all pate Government	iny patent applicants and re-issues	ition and in any and all granted thereon through	racticed for or on behalf of the divisions, continuations, and out the world; and ontract award and the laws and
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Signed th	is 4h	day of _	December	, 20 <u>17</u> ,	
	mas K. Button (Institutional Business C ef of Staff	Official)		(Signature)	
Title Off	er or Starr ice for Technology ENTS OF THE	Commercial	ization		
_	ERSITY OF MINNESOTA (Grantee/Confractor)	Organization)			
At McNam	ara Alumni Center, ( (Business Address)	Suite 280	200 Oak Stree	t S.E. Minneapolis	, MN 55455

PATENT REEL: 044828 FRAME: 0637