#### 504818099 03/14/2018

## 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
UNIV OF NORTH CAROLINA CHAPEL HILL	03/06/2018

### **RECEIVING PARTY DATA**

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

Property Type	Number
Patent Number:	9604054

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NAME OF SUBMITTER: DIRECTOR, DEITR, NIH **SIGNATURE:** /Director, DEITR, NIH/ **DATE SIGNED:** 03/14/2018

**Total Attachments: 1** 

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REEL: 045583 FRAME: 0842

**PATENT** 504818099

# License to the United States Government

Invention Title: Cardiac Cycle Triggered Device	e and Algorithm for	Pain Management	
Inventor(s): <u>Kati Thieme, Oliver Monbureau, W</u>	Villiam Maixner and	Richard Gracely	
U.S. Filing/Issue Date: March 28, 2017		***************************************	
Patent or Application Serial No.: 9,604,054			
Grant/Contract Number(s): <u>AR054895</u>			
Foreign Applications filed/intended in (countri	es):		
The invention identified above is a Subject Invention of the Clause at 37 CFR 401.14, FAR 52.227-11 or FAF above identified grant or contract award from	R <b>52.227-12</b> (if appli	icable) which are included among the terms o	f the
	ny patent application atents and re-issues and by reason of the award.	on and in any and all divisions, continuations, a granted thereon throughout the world; and above identified grant/contract award and the	and e laws
application.			
Signed this 6 day of March 2018.		Ogiandmi Anam	
By <u>Jacqueline Quay</u>	×		
(Institutional Business Official)		(Signature)	
Title <u>Director of Licensing</u>			
For The University of North Carolina at Chape			
(Grantee/Contractor Organization	<b>)</b>		
At Office of Commercialization and Economic 109 Church Street Chapel Hill, NC 27516	<u>Development</u>		

PATENT REEL: 045583 FRAME: 0843

**RECORDED: 03/14/2018**