

## PATENT ASSIGNMENT COVER SHEET

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT	
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT	
<b>CONVEYING PARTY DATA</b>		
	<b>Name</b>	<b>Execution Date</b>
	SUSAN JILL HARKEMA	05/11/2017
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<b>PROPERTY NUMBERS Total: 1</b>		
	<b>Property Type</b>	<b>Number</b>
	Application Number:	14994613
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<b>DATE SIGNED:</b>	06/05/2017	
<b>Total Attachments: 3</b>		
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## ASSIGNMENT

WHEREAS, I, Susan Jill Harkema, 2511 Woodside Road, Louisville, KY 40207, (Assignor), have invented certain new and useful improvements which are described and claimed in International Patent Application No.: PCT/US17/12813 filed on January 10, 2017, which claims priority from US Patent Application No.: 14/994,613 filed January 13, 2016, entitled,

*NEUROMUSCULAR STIMULATION SYSTEM AND METHOD*

WHEREAS, University of Louisville (Assignee), having its principal place of business at 2301 S. 3rd St., Louisville, KY 40208, is desirous of acquiring the entire interest in and to said invention, said applications and all patents to be obtained therefrom.

NOW, THEREFORE, for and in consideration of valuable consideration, the receipt and sufficiency whereof are hereby acknowledged, I have sold, assigned, and set over, and by these presents do hereby sell, assign and set over unto the said University of Louisville (Assignee), and said Assignee's legal representatives, successors, the entire right, title and interest, for the whole world, in and to said invention and said applications, as well as any subsequent application which claims priority based upon the filing date of any of said applications identified and the patents, both domestic and foreign, that may or shall result therefrom including the right to claim in respect of any subsequent United States and foreign patent applications and patents, the priority date of any of said applications under any United States statute and international convention or treaty; and I do hereby authorize and request the issuance of said patents, domestic and foreign, conformably to the terms of this Agreement.

UPON SAID CONSIDERATION, I do hereby covenant and agree with said Assignee that we will not execute any writing or do any act whatsoever conflicting with these presents, and that will at any time upon request, without further or additional consideration, but at the expense of the said Assignee, execute such additional assignments and other writings and so such additional acts as said Assignee may deem necessary or desirable to perfect the Assignee's enjoyment of this grant, and render all necessary assistance in making application for and obtaining provisional, original, continuation, continuation-in-part, divisional, reissued, re-examined or extended patent of the United States or of any and all foreign countries on said invention, and in enforcing any rights or chooses in action accruing as a result of such applications or patents, including but not limited to, giving testimony in any proceedings or transactions involving such applications or patents, and executing preliminary statements and other affidavits, it being understood that the foregoing covenant and agreement shall bind and inure to the benefit of the assigns and legal representatives of all parties hereto.

The undersigned declares under penalty of perjury under the laws of the United States of America that he has signed this document as his own free act and that all of the foregoing is true and correct.

5/11/17  
Date

Susan Harkema  
Susan Jill Harkema, Assignor

5/11/17  
Date

Lee Ann Zeller-Ave  
Witness (Printed Name)

[Signature]  
Witness (Signature)

## ASSIGNEE'S ACKNOWLEDGMENT

I hereby acknowledge and accept this assignment on behalf of University of Louisville.

T. Allen Morris  
Signature

May 30, 2017  
Date

T. Allen Morris  
Name

Director, OTT  
Title