

## PATENT ASSIGNMENT COVER SHEET

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Stylesheet Version v1.2

EPAS ID: PAT3259021

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
MICHAEL P. RASTATTER	03/31/2005
JOSEPH S. KALINOWSKI	03/25/2005
ANDREW M. STUART	03/29/2005
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	EAST CAROLINA UNIVERSITY
<b>Street Address:</b>	210 SPILMAN BUILDING
<b>City:</b>	GREENVILLE
<b>State/Country:</b>	NORTH CAROLINA
<b>Postal Code:</b>	27858
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	13570380
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(919)854-1401
<i>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.</i>	
<b>Email:</b>	crose@myersbigel.com
<b>Correspondent Name:</b>	MYERS BIGEL SIBLEY & SAJOVEC, P.A.
<b>Address Line 1:</b>	4140 PARKLAKE AVE
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<b>Address Line 4:</b>	RALEIGH, NORTH CAROLINA 27612
<b>ATTORNEY DOCKET NUMBER:</b>	5218-101CT2
<b>NAME OF SUBMITTER:</b>	JULIE H. RICHARDSON
<b>SIGNATURE:</b>	/Julie H. Richardson/
<b>DATE SIGNED:</b>	03/10/2015
<b>Total Attachments: 4</b>	
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ASSIGNMENT

THIS ASSIGNMENT, made by us, **Michael P. Rastatter**, a citizen of the United States of America, residing at 3712 Tucker Dr., Greenville, NC 27858; **Joseph S. Kalinowski**, a citizen of the United States of America, residing at 1610 Paramore Dr., Greenville, NC 27858; and **Andrew M. Stuart**, a citizen of Canada, residing at 764 Winterfield Dr., Winterville, NC 28590;

WITNESSETH: That,

WHEREAS, we are joint inventors of certain new and useful improvements in **Frequency Altered Feedback for Treating Non-Stuttering Pathologies** for which an application has been filed, or is being concurrently filed, in the United States Patent and Trademark Office. We hereby authorize and request Myers Bigel Sibley & Sajovec, P.A., to insert here in parentheses (Application No. 10/530,669, filed 04/06/2005) the filing date and application number of said application when known; and

WHEREAS, **East Carolina University**, a constituent institution of the University of North Carolina and an educational institution chartered under the laws of the State of North Carolina having a principal office at 210 Spilman Building, Greenville, North Carolina, hereinafter referred to as assignee, is desirous of acquiring the entire right, title and interest in and to said invention as described in said application, and in and to any and all Letters Patent which shall be granted therefor in the United States of America and all foreign countries;

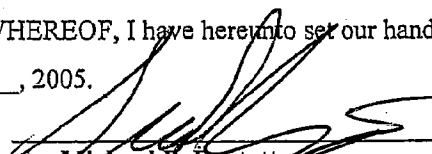
NOW, THEREFORE, To Whom It May Concern, be it known that for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, we have sold and by these presents do hereby sell, assign, transfer, and convey unto the said assignee, its successors and assigns, the entire right, title, and interest in and to the said invention and application, and in and to any and all provisional applications to which said application claims the benefit of priority and to any and all continuations, continuations-in-part, or divisions to said application, and in and to any and all Letters Patent of the United States of America and all foreign countries or reissues or other forms of protection thereof which may be granted therefor or thereon, for the full end of the term for which said Letters Patent may be granted along with any term extensions thereon or therefor, together with the right to claim the priority of said application in all foreign countries in accordance with the International

Convention, the same to be held and enjoyed by said assignee, its successors and assigns, as fully and entirely as the same would have been held and enjoyed by us if this assignment and sale had not been made. We hereby request that said Letters Patent be issued in accordance with this assignment.

We further covenant and agree that, at the time of the execution and delivery of these presents, we possess full title to the invention(s) and applications above-mentioned, and that we have the unencumbered right and authority to make this assignment.


We further covenant and agree to promptly communicate to said assignee or its representatives any facts known to us relating to said invention(s), to testify in any interference or legal proceedings involving said invention(s), to execute any additional papers which may be requested to confirm the right of the assignee, its representatives, successors, or assigns to secure patent or similar protection for the said invention(s) in all countries and to vest in the assignee complete title to the said invention(s) and Letters Patent, without further compensation, but at the expense of said assignee, its successors, assigns, and other legal representatives; and we hereby instruct, and further covenant and agree to bind our heirs, legal representatives, and assigns, to do same, without further compensation, but at the expense of said assignee or its representatives.

IN WITNESS WHEREOF, I have hereunto set our hands and seals on this 31  
day of March, 2005.

  
\_\_\_\_\_  
Michael P. Rastatter (SEAL)

STATE OF North Carolina )  
  ) ss:  
COUNTY OF Pitt )

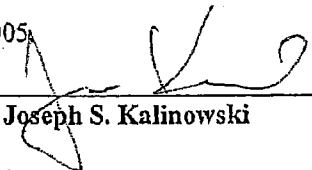
Before me personally appeared the person described in and who executed the foregoing instrument, and he acknowledged to me that he executed the same for the purposes therein stated, this 31<sup>st</sup> day of March, 2005.

  
\_\_\_\_\_  
Susan K. Dunning  
Notary Public

SEAL

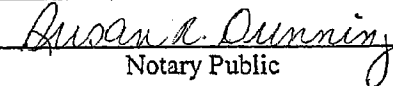
My Commission Expires: Feb. 18, 2006

IN WITNESS WHEREOF, I have hereunto set our hands and seals on this \_\_\_\_\_  
day of Mar 25, 2005.

  
\_\_\_\_\_  
Joseph S. Kalinowski (SEAL)

STATE OF North Carolina )  
COUNTY OF Pitt ) ss:

Before me personally appeared the person described in and who executed the  
foregoing instrument, and he acknowledged to me that he executed the same for the purposes  
therein stated, this 25<sup>th</sup> day of March, 2005.

  
\_\_\_\_\_  
Notary Public

SEAL

My Commission Expires: Feb. 18, 2006

IN WITNESS WHEREOF, I have hereunto set our hands and seals on this 29  
day of March, 2005.

Andrew M. Stuart (SEAL)  
Andrew M. Stuart

STATE OF North Carolina )  
COUNTY OF Pitt ) ss:

Before me personally appeared the person described in and who executed the  
foregoing instrument, and he acknowledged to me that he executed the same for the purposes  
therein stated, this 29<sup>th</sup> day of March, 2005.

Susan S. Downing  
Notary Public

SEAL

My Commission Expires: Feb. 18, 2006