PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
MICHAEL J. JOYNER	03/20/2012
BRUCE D. JOHNSON	03/19/2012
THOMAS P. OLSON	03/23/2012

RECEIVING PARTY DATA

Name:	MAYO FOUNDATION FOR MEDICAL EDUCATION AND RESEARCH
Street Address:	200 FIRST STREET S.W.
City:	ROCHESTER
State/Country:	MINNESOTA
Postal Code:	55905

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14383964

CORRESPONDENCE DATA

Fax Number: (877)769-7945

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.

Phone: 612-335-5070 Email: apsi@fr.com

Correspondent Name: FISH & RICHARDSON P.C. Address Line 1: 60 SOUTH SIXTH STREET

Address Line 2: 3200 RBC PLAZA

Address Line 4: MINNEAPOLIS, MINNESOTA 55402

ATTORNEY DOCKET NUMBER:	07039-1123US1	
NAME OF SUBMITTER:	J. PATRICK FINN III, PH.D., REG.# 44,109	
SIGNATURE:	/J. Patrick Finn III, Reg. No. 44,109/	
DATE SIGNED:	10/09/2014	

Total Attachments: 4

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PATENT

REEL: 033925 FRAME: 0388 503013362

Attorney Docket No.: 07039-1123P01/2011-111

ASSIGNMENT

For valuable consideration, we, Michael J. Joyner, of 797 Brandon Lane S.W., Rochester, MN 55901; Bruce D. Johnson, of 2829 Mayowood Common Street S.W., Rochester, MN 55902; and Thomas P. Olson, of 225 Pine Street, Cannon Falls, MN 55009; hereby assign to MAYO FOUNDATION FOR MEDICAL EDUCATION AND RESEARCH, a corporation of Minnesota, having a place of business at 200 First Street S.W., Rochester, MN 55905, and its successors and assigns (collectively hereinafter called "the Assignee"), the entire right, title and interest throughout the world in the inventions and improvements which are subject of an application for United States Patent, entitled MODULATING AFFERENT SIGNALS TO TREAT MEDICAL CONDITIONS, filed March 9, 2012, and assigned U.S. Serial Number 61/609,169, this assignment including said application, any and all United States and foreign patents, utility models, and design registrations granted for any of said inventions or improvements, and the right to claim priority based on the filing date of said application under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes; and we authorize the Assignee to apply in all countries in our name or in its own name for patents, utility models, design registrations and like rights of exclusion and for inventors' certificates for said inventions and improvements; and we agree for ourselves and our respective heirs, legal representatives and assigns, without further compensation to perform such lawful acts and to sign such further applications, assignments, Preliminary Statements and other lawful documents as the Assignee may reasonably request to effectuate fully this assignment.

Assignment Page 1 of 4

DATE: 320/2012

MICHAEL J. JOYNI

STATE OF Minnesota

COUNTY OF Olmsted) SS

On March 20, 2012 , before me, the undersigned, a notary public for the State of which is there personally appeared MICHAEL J. JOYNER personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to this Assignment, who acknowledged having executed the same in his authorized capacity and that by his signature on this Assignment, the person or the entity upon behalf of which he acted, executed this Assignment.

WITNESS my hand and official seal.

KRISTI RENE HIMLE

Notary Public-Minnesota

My Commission Expires Jan 31, 2013

Notary Public

Attorney Docket No.: 07039-1123P01/2011-111

DATE: 3-19-12

BRUCE D. JOHNSON

STATE OF Thunesota

COUNTY OF Clausted

on Maching, 2012, before me, the undersigned, a notary public for the State of Yhrene personally appeared BRUCE D. JOHNSON personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to this Assignment, who acknowledged having executed the same in his authorized capacity and that by his signature on this Assignment, the person or the entity upon behalf of which he acted, executed this Assignment.

WITNESS my hand and official seal.

VICKI VIRGINIA YOUNT
Notary Public-Minnesota
My Commission Expires Jan 31, 2015

Assignment Page 3 of 4

Attorney Docket No.: 07039-1123P01/2011-111

DATE: 08/23/12 CPC THOMAS P. OLSON

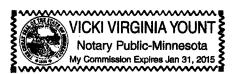
STATE OF MUMERATA

COUNTY OF Classed.

SS.

On March 33, 2012 , before me, the undersigned, a notary public for the State of March 33, 2012 , there personally appeared THOMAS P. OLSON personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to this Assignment, who acknowledged having executed the same in his authorized capacity and that by his signature on this Assignment, the person or the entity upon behalf of which he acted, executed this Assignment.

WITNESS my hand and official seal.



Vicke Jugenia Joseph Notary Public Julia

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RECORDED: 10/09/2014

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