507721371 01/30/2023

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 EPAS ID: PAT7768517 Stylesheet Version v1.2

 SUBMISSION TYPE:
 NEW ASSIGNMENT

 NATURE OF CONVEYANCE:
 ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
ALAN HORSAGER	03/05/2013
BENJAMIN C. MATTEO	04/05/2013
KENNETH GREENBERG	04/10/2013
EDWARD S. BOYDEN	04/09/2013
CHRISTIAN WENTZ	04/10/2013

RECEIVING PARTY DATA

Name:	EOS NEUROSCIENCE, INC.
Street Address:	901 MISSION STREET, SUITE 105
City:	SAN FRANCISCO
State/Country:	CALIFORNIA
Postal Code:	94103

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16455077

CORRESPONDENCE DATA

Fax Number: (518)452-5579

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: 518-452-5600

Email: isabella.warner@hrfmlaw.com, teige.sheehan@hrfmlaw.com

Correspondent Name: HESLIN ROTHENBERG FARLEY & MESITI P.C.

Address Line 1: 5 COLUMBIA CIRCLE

Address Line 4: ALBANY, NEW YORK 12203

ATTORNEY DOCKET NUMBER:	5864.001B
NAME OF SUBMITTER:	TEIGE P. SHEEHAN
SIGNATURE:	/Teige Sheehan/
DATE SIGNED:	01/30/2023

Total Attachments: 5 source=H2571185#page1.tif

PATENT 507721371 REEL: 062532 FRAME: 0989



PATENT REEL: 062532 FRAME: 0990

	PATENT ASSIGNMENT		Docket Number: 36396-709.831
WHEREAS, the undersigne	d:		
HORSAGER, Alan Los Angeles, CA	MATTEO, Benjamin C. San Francisco, CA	 GREENBERG, Kennet Oakland, CA 	h 4. BOYDEN, Edward S. Chestnut Hill, MA
5. WENTZ, Christian Cambridge, MA			
(hereinafter "Inventor(s)),"	have invented certain new and useful improve	ments in	
	METHODS AND COMPOSITION	NS FOR DECREASING CHR	ONIC PAIN
for which app	dication serial number 13/637,977 was submid on April 5, 2011; (hereinafter "Application	tted on <u>September 27, 2012</u> to	the USPTO as a National Phase entry of an
Francisco, CA 94103, (here disclosed therein, and in and inventor(s) (hereinafter coll thereon granted in the Unite	to all embodiments of the inventions, heretolectively referred to as "Inventions"), and in an	he entire right, title and interest ore conceived, made or discover d to any and all patents, invento national convention, agreement,	in and to said Application(s), and the inventions red, whether jointly or severally, by said r's certificates and other forms of protection protocol, or treaty, including those filed under the
NOW, THEREFO said Assignee:	ORE, in consideration of good and valuable co	nsideration acknowledged by sa	id Inventor(s) to have been received in full from
Said Inventor(s) do hereby sell, assign, transfer and convey unto said Assignee the entire right, title and interest (a) in and to said Inventions; (b) in and to said Applications, including the right to claim priority to and from said Application(s); (c) in and to each and every application that is a divisional, substitution, continuation, or continuation-in-part of any of said Application(s); (d) in and to said Patent(s) and each and every patent issuing or reissuing from any of the foregoing; (e) in and to each and every reissue, reexamination, renewal or extension of any kind of any of the foregoing; and (f) in and to each and every patent and application filed outside the United States and corresponding to any of the foregoing.			
2. Said Inventor(s) hereby covenant and agree to cooperate with said Assignee to enable said Assignee to enjoy to the fullest extent the right, title and interest herein conveyed in the United States, foreign countries, or under any international convention, agreement, protocol, or treaty. Such cooperation by said Inventor(s) shall include prompt production of pertinent facts and documents, giving of testimony, execution of petitions, oaths, specifications, declarations or other papers, and other assistance all to the extent deemed necessary or desirable by said Assignee (a) for perfecting in said Assignee the right, title and interest herein conveyed; (b) for prosecuting any applications covering said Inventions; (c) for filing and prosecuting applications for reissuance of any said Patent(s); (e) for interference or other priority proceedings involving said Inventions; and (f) for legal proceedings involving said Inventions and any Patent(s) granted thereon, including without limitation reissues and reexaminations, opposition proceedings, cancellation proceedings, priority contests, public use proceedings, infringement actions and court actions; provided, however, that reasonable expenses incurred by said Inventor(s) in providing such cooperation shall be paid for by said Assignee.			
3. The terms and covenants of this assignment shall inure to the benefit of said Assignee, its successors, assigns and other legal representatives, and shall be binding upon said Inventor(s), their respective heirs, legal representatives and assigns.			
4. Said Inventor(s) hereby warrant, represent and covenant that said Inventor(s) have not entered and will not enter into any assignment, contract, or understanding in conflict herewith.			
5. Said Inventor(s) hereby request that any Patent(s) issuing in the United States, foreign countries, or under any international convention, agreement, protocol, or treaty, be issued in the name of the Assignee, or its successors and assigns, for the sole use of said Assignee, its successors, legal representatives and assigns.			
6. This instrument will be interpreted and construed in accordance with the laws of the State of California, without regard to conflict of law principles. If any provision of this instrument is found to be illegal or unenforceable, the other provisions shall remain effective and enforceable to the greatest extent permitted by law. This instrument may be executed in counterparts, each of which is deemed an original, but all of which together constitute one and the same agreement.			
IN WITNESS WHEREOF, said Inventor(s) have executed and delivered this instrument to said Assignee as of the dates written below.			
Date:		Date:	
	Alan Horsager	***************************************	Benjamin C. Matteo
Date:		Date:	
***************************************	Kenneth Greenberg	- 1999-1-10 (1999-1-10 (1999-1-10 (1999-1-10 (1999-1-10 (1999-1-10 (1999-1-10 (1999-1-10 (1999-1-10 (1999-1-10	Edward S. Boyden
Date: 203/4/10	CHOUL		
- Maria and a construction of the construction	Christian Wentz		•

5265899_1.DOC

Page 1 of 1

PATENT ASSIGNMENT	Docket Number: 36396-709.831		
WHEREAS, the undersigned:			
1. HORSAGER, Alan 2. MATTEO, Benjamin C. 3. GREENBE Los Angeles, CA San Francisco, CA Oakland, C			
5. WENTZ, Christian Cambridge, MA			
(hereinafter "Inventor(s))," have invented certain new and useful improvements in			
METHODS AND COMPOSITIONS FOR DECREA	ASING CHRONIC PAIN		
☐ for which application serial number 13/637,977 was submitted on September international application filed on April 5, 2011; (hereinafter "Application");	27, 2012 to the USPTO as a National Phase entry of an		
WHEREAS, <u>EOS Neuroscience</u> , <u>Inc.</u> , a corporation of the <u>State of Delaware</u> , having a place <u>Francisco</u> , <u>CA 94103</u> , (hereinafter "Assignee"), is desirous of acquiring the entire right, title disclosed therein, and in and to all embodiments of the inventions, heretofore conceived, mad Inventor(s) (hereinafter collectively referred to as "Inventions"), and in and to any and all pat thereon granted in the United States, foreign countries, or under any international convention, Paris Convention for the Protection of Industrial Property, The Patent Cooperation Treaty or	and interest in and to said Application(s), and the inventions le or discovered, whether jointly or severally, by said ents, inventor's certificates and other forms of protection.		
NOW, THEREFORE, in consideration of good and valuable consideration acknow said Assignee:			
1. Said Inventor(s) do hereby sell, assign, transfer and convey unto said As Inventions; (b) in and to said Applications, including the right to claim priority to and from sa is a divisional, substitution, continuation, or continuation-in-part of any of said Application(s) or reissuing from any of the foregoing; (e) in and to each and every reissue, reexamination, re (f) in and to each and every patent and application filed outside the United States and correspondence.	aid Application(s); (c) in and to each and every application that); (d) in and to said Patent(s) and each and every patent issuing enewal or extension of any kind of any of the foregoing and		
2. Said Inventor(s) hereby covenant and agree to cooperate with said Assig right, title and interest herein conveyed in the United States, foreign countries, or under any in cooperation by said Inventor(s) shall include prompt production of pertinent facts and docume specifications, declarations or other papers, and other assistance all to the extent deemed necest Assignee the right, title and interest herein conveyed; (b) for prosecuting any applications covidivisional, continuing or additional applications covering said Inventions; (d) for filing and providing to the property of the property of the providing said Inventions; and (f) for legal property of the providing such cooperation shall be paid for by said Assignee.	nternational convention, agreement, protocol, or treaty. Such ents, giving of testimony, execution of petitions, oaths, ssary or desirable by said Assignee (a) for perfecting in said ering said Inventions; (c) for filing and prosecuting substitute, osecuting applications for reissuance of any said Patent(s); roceedings involving said Inventions and any applications lations, opposition proceedings, cancellation proceedings		
3. The terms and covenants of this assignment shall inure to the benefit of s representatives, and shall be binding upon said Inventor(s), their respective heirs, legal representatives.	said Assignee, its successors, assigns and other legal entatives and assigns.		
4. Said Inventor(s) hereby warrant, represent and covenant that said Inventor contract, or understanding in conflict herewith.	or(s) have not entered and will not enter into any assignment,		
5. Said Inventor(s) hereby request that any Patent(s) issuing in the United States, foreign countries, or under any international convention, agreement, protocol, or treaty, be issued in the name of the Assignee, or its successors and assigns, for the sole use of said Assignee, its successors, legal representatives and assigns.			
6. This instrument will be interpreted and construed in accordance with the law principles. If any provision of this instrument is found to be illegal or unenforceable, the or greatest extent permitted by law. This instrument may be executed in counterparts, each of whone and the same agreement.	other provisions shall remain effective and enforceable to the		
IN WITNESS WHEREOF, said hyuntor(s) have executed and delivered this instrur	ment to said Assignee as of the dates written below:		
Date: 5 - Mar 2013 Date: Date:	Benjamin C. Matteo		
Date: Date:			
Kenneth Greenberg	Edward S. Boyden		
Date:Christian Wentz			

5265899_1.DOC

Page 1 of 1

PATENT REEL: 062532 FRAME: 0992

	PATENT ASSIGNMENT		Docket Number : 36396-709.831
WHEREAS, the undersigned	ed:		
HORSAGER, Alan Los Angeles, CA	2. MATTEO, Benjamin C. San Francisco, CA	 GREENBERG, Kennet Oakland, CA 	h 4. BOYDEN, Edward S. Chestnut Hill, MA
5. WENTZ, Christian Cambridge, MA			
(hereinafter "Inventor(s)),"	have invented certain new and useful impro	vements in	
	METHODS AND COMPOSITI	ONS FOR DECREASING CH	RONIC PAIN
	plication serial number <u>13/637,977</u> was subject on <u>April 5, 2011</u> ; (hereinafter "Application")		the USPTO as a National Phase entry of an
Francisco, CA 94103, (her disclosed therein, and in an Inventor(s) (hereinafter col thereon granted in the United Section 1988).	d to all embodiments of the inventions, here lectively referred to as "Inventions"), and in	g the entire right, title and interest tofore conceived, made or discoverand to any and all patents, inventor ernational convention, agreement,	in and to said Application(s), and the inventions ered, whether jointly or severally, by said or's certificates and other forms of protection protocol, or treaty, including those filed under the
NOW, THEREF said Assignee:	ORE, in consideration of good and valuable	consideration acknowledged by s	aid Inventor(s) to have been received in full from
Inventions; (b) in and to sai is a divisional, substitution, or reissuing from any of the	d Applications, including the right to claim continuation, or continuation-in-part of any	priority to and from said Applicat of said Application(s); (d) in and ssue, reexamination, renewal or ex	entire right, title and interest (a) in and to said ion(s); (c) in and to each and every application that to said Patent(s) and each and every patent issuing extension of any kind of any of the foregoing; and my of the foregoing.
right, title and interest here cooperation by said Inventor specifications, declarations Assignee the right, title and divisional, continuing or ad (e) for interference or other therefor and any Patent(s) g priority contests, public use	in conveyed in the United States, foreign courts) shall include prompt production of pert or other papers, and other assistance all to the interest herein conveyed; (b) for prosecuting ditional applications covering said Invention priority proceedings involving said Invention tranted thereon, including without limitation	intries, or under any international inent facts and documents, giving the extent deemed necessary or design any applications covering said Ins; (d) for filing and prosecuting a pons; and (f) for legal proceedings in reissues and reexaminations, opp	le said Assignee to enjoy to the fullest extent the convention, agreement, protocol, or treaty. Such of testimony, execution of petitions, oaths, irable by said Assignee (a) for perfecting in said eventions; (c) for filing and prosecuting substitute, pplications for reissuance of any said Patent(s); evolving said Inventions and any applications osition proceedings, cancellation proceedings, reasonable expenses incurred by said Inventor(s)
	rms and covenants of this assignment shall in the binding upon said Inventor(s), their respec		
4. Said I contract, or understanding i		venant that said Inventor(s) have n	ot entered and will not enter into any assignment,
5. Said I agreement, protocol, or trea representatives and assigns	ity, be issued in the name of the Assignee, or	issuing in the United States, foreign its successors and assigns, for the	gn countries, or under any international convention, e sole use of said Assignee, its successors, legal
law principles. If any provi	ision of this instrument is found to be illegal law. This instrument may be executed in c	or unenforceable, the other provis	State of California, without regard to conflict of sions shall remain effective and enforceable to the ned an original, but all of which together constitute
IN WITNESS W	HEREOF, said Inventor(s) have executed an	nd delivered this instrument to said	d Assignee as of the dates written below:
Date:		Date:	
	Alan Horsager		Benjamin C. Matteo
Date:		Date: 4/9/2013	<u></u>
	Kenneth Greenberg	-	Edward S. Boyden
Date:			
	Christian Wentz		

Page 1 of 1

		40	
	PATENT ASSIGNMENT		Docket Number : 36396-709.831
WHEREAS, the undersigne	d:		
HORSAGER, Alan Los Angeles, CA	2. MATTEO, Benjamin C. San Francisco, CA	 GREENBERG, Kennel Oakland, CA 	th 4. BOYDEN, Edward S. Chestnut Hill, MA
5. WENTZ, Christian Cambridge, MA			
(hereinafter "Inventor(s)),"	have invented certain new and useful improve	ments in	
	METHODS AND COMPOSITION	NS FOR DECREASING CHI	RONIC PAIN
	plication serial number 13/637,977 was submited on April 5, 2011; (hereinafter "Application		the USPTO as a National Phase entry of an
Francisco, CA 94103, (her disclosed therein, and in and inventor(s) (hereinafter coll thereon granted in the Unite	I to all embodiments of the inventions, heretolectively referred to as "Inventions"), and in an	he entire right, title and interest ore conceived, made or discoved to any and all patents, invent- national convention, agreement	in and to said Application(s), and the inventions ered, whether jointly or severally, by said or's certificates and other forms of protection protocol, or treaty, including those filed under the
NOW, THEREFO said Assignee:	ORE, in consideration of good and valuable co	nsideration acknowledged by s	aid Inventor(s) to have been received in full from
I. Said Inventor(s) do hereby sell, assign, transfer and convey unto said Assignee the entire right, title and interest (a) in and to said Inventions; (b) in and to said Applications, including the right to claim priority to and from said Application(s); (c) in and to each and every application that is a divisional, substitution, continuation, or continuation-in-part of any of said Application(s); (d) in and to said Patent(s) and each and every patent issuing or reissuing from any of the foregoing; (e) in and to each and every reissue, reexamination, renewal or extension of any kind of any of the foregoing; and (f) in and to each and every patent and application filed outside the United States and corresponding to any of the foregoing.			
2. Said Inventor(s) hereby covenant and agree to cooperate with said Assignee to enable said Assignee to enjoy to the fullest extent the right, title and interest herein conveyed in the United States, foreign countries, or under any international convention, agreement, protocol, or treaty. Such cooperation by said Inventor(s) shall include prompt production of pertinent facts and documents, giving of testimony, execution of petitions, oaths, specifications, declarations or other papers, and other assistance all to the extent deemed necessary or desirable by said Assignee (a) for perfecting in said Assignee the right, title and interest herein conveyed; (b) for prosecuting any applications covering said Inventions; (c) for filing and prosecuting substitute, divisional, continuing or additional applications covering said Inventions; (d) for filing and prosecuting applications for reissuance of any said Patent(s); (e) for interference or other priority proceedings involving said Inventions; and (f) for legal proceedings involving said Inventions and any applications therefor and any Patent(s) granted thereon, including without limitation reissues and reexaminations, opposition proceedings, cancellation proceedings, priority contests, public use proceedings, infringement actions and court actions; provided, however, that reasonable expenses incurred by said Inventor(s) in providing such cooperation shall be paid for by said Assignee.			
3. The terms and covenants of this assignment shall inure to the benefit of said Assignee, its successors, assigns and other legal representatives, and shall be binding upon said Inventor(s), their respective heirs, legal representatives and assigns.			
4. Said Inventor(s) hereby warrant, represent and covenant that said Inventor(s) have not entered and will not enter into any assignment, contract, or understanding in conflict herewith.			
5. Said Inventor(s) hereby request that any Patent(s) issuing in the United States, foreign countries, or under any international convention, agreement, protocol, or treaty, be issued in the name of the Assignee, or its successors and assigns, for the sole use of said Assignee, its successors, legal representatives and assigns.			
6. This instrument will be interpreted and construed in accordance with the laws of the State of California, without regard to conflict of law principles. If any provision of this instrument is found to be illegal or unenforceable, the other provisions shall remain effective and enforceable to the greatest extent permitted by law. This instrument may be executed in counterparts, each of which is deemed an original, but all of which together constitute one and the same agreement.			
IN WITNESS WHEREOF, said Inventor(s) have executed and delivered this instrument to said Assignee as of the dates written below:			
Date:	Alex Harrison	Date: 4/5/2013	025
	Alan Horsager.		Benjamin C. Matteo
Date:	Kenneth Greenberg	Date:	Edward S. Boyden
			Editard 5. Doyden
Date:	Christian Wentz		

4	PATENT ASSIGNMENT		Docket Number : 36396-709.831
WHEREAS, the undersigned:	477		
HORSAGER, Alan Los Angeles, CA	2. MATTEO, Benjamin C. San Francisco, CA	GREENBERG, Kennet Oakland, CA	h 4. BOYDEN, Edward S. Chestnut Hill, MA
5. WENTZ, Christian Cambridge, MA			
(hereinafter "Inventor(s))," have in	vented certain new and useful improveme	ents in	
	METHODS AND COMPOSITIONS	FOR DECREASING CHR	RONIC PAIN
$\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ $	n serial number 13/637,977 was submitte pril 5, 2011; (hereinafter "Application");	d on September 27, 2012 to	the USPTO as a National Phase entry of an
Francisco, CA 94103, (hereinafter disclosed therein, and in and to all Inventor(s) (hereinafter collectively thereon granted in the United States	embodiments of the inventions, heretofordy referred to as "Inventions"), and in and it	entire right, title and interest e conceived, made or discove to any and all patents, invento ional convention, agreement,	in and to said Application(s), and the inventions ared, whether jointly or severally, by said or's certificates and other forms of protection protocol, or treaty, including those filed under the
NOW, THEREFORE, in said Assignee:	consideration of good and valuable cons	ideration acknowledged by sa	aid Inventor(s) to have been received in full from
1. Said Inventor(s) do hereby sell, assign, transfer and convey unto said Assignee the entire right, title and interest (a) in and to said Inventions; (b) in and to said Applications, including the right to claim priority to and from said Application(s); (c) in and to each and every application that is a divisional, substitution, continuation, or continuation-in-part of any of said Application(s); (d) in and to said Patent(s) and each and every patent issuing or reissuing from any of the foregoing; (e) in and to each and every reissue, reexamination, renewal or extension of any kind of any of the foregoing; and (f) in and to each and every patent and application filed outside the United States and corresponding to any of the foregoing.			
right, title and interest herein convectooperation by said Inventor(s) shat specifications, declarations or other Assignee the right, title and interest divisional, continuing or additional (e) for interference or other priority therefor and any Patent(s) granted to	eyed in the United States, foreign countries. Il include prompt production of pertinent repapers, and other assistance all to the ext herein conveyed; (b) for prosecuting any applications covering said Inventions; (d) proceedings involving said Inventions; at thereon, including without limitation reissedings, infringement actions and court actions.	es, or under any international facts and documents, giving tent deemed necessary or des applications covering said In b) for filing and prosecuting a and (f) for legal proceedings is sues and reexaminations, opp-	le said Assignee to enjoy to the fullest extent the convention, agreement, protocol, or treaty. Such of testimony, execution of petitions, oaths, irable by said Assignee (a) for perfecting in said executions; (c) for filing and prosecuting substitute, pplications for reissuance of any said Patent(s); envolving said Inventions and any applications osition proceedings, cancellation proceedings, reasonable expenses incurred by said Inventor(s)
3. The terms and representatives, and shall be binding	d covenants of this assignment shall inure g upon said Inventor(s), their respective h	to the benefit of said Assigned neirs, legal representatives an	ee, its successors, assigns and other legal d assigns.
4. Said Inventor contract, or understanding in conflic		nt that said Inventor(s) have n	ot entered and will not enter into any assignment,
5. Said Inventor(s) hereby request that any Patent(s) issuing in the United States, foreign countries, or under any international convention, agreement, protocol, or treaty, be issued in the name of the Assignee, or its successors and assigns, for the sole use of said Assignee, its successors, legal representatives and assigns.			
6. This instrument will be interpreted and construed in accordance with the laws of the State of California, without regard to conflict of law principles. If any provision of this instrument is found to be illegal or unenforceable, the other provisions shall remain effective and enforceable to the greatest extent permitted by law. This instrument may be executed in counterparts, each of which is deemed an original, but all of which together constitute one and the same agreement.			
IN WITNESS WHEREOF, said Inventor(s) have executed and delivered this instrument to said Assignee as of the dates written below:			
Date:Ala	uhlorságer //	Date:	Benjamin C. Matteo
Date: 4-10-13 Ken	Cornetth Jean neth Greenberg	Date:	Edward S. Boyden
Date:	Stian Wentz		·

Page 1 of 1

5265899 1.DOC

RECORDED: 01/30/2023