505001913 07/13/2018

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5048661

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
MATTHEW DAVID TARLER	07/16/2003
CLEVELAND MEDICAL DEVICES INC.	03/11/2011

RECEIVING PARTY DATA

Name:	GREAT LAKES NEUROTECHNOLOGIES INC.	
Street Address:	10055 SWEET VALLEY DR.	
City:	CLEVELAND	
State/Country:	ОНЮ	
Postal Code:	44125	

PROPERTY NUMBERS Total: 1

Property Type	Number
Patent Number:	9696228

CORRESPONDENCE DATA

Fax Number: (216)649-0347

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: 2166490376

Email: bkolkowski@glneurotech.com

Correspondent Name: BRIAN KOLKOWSKI

Address Line 1: 4415 EUCLID AVE. STE. 500
Address Line 4: CLEVELAND, OHIO 44103

ATTORNEY DOCKET NUMBER:	GLN-050	
NAME OF SUBMITTER:	MARK PENNINGTON	
SIGNATURE:	/Mark Pennington/	
DATE SIGNED:	07/13/2018	

Total Attachments: 5

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PATENT REEL: 046340 FRAME: 0122

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RECORDATION FORM COVER SHEET		
PATENTS ONLY		
To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.		
1. Name of conveying party(ies)	2. Name and address of receiving party(ies)	
Matthew David Tarler, Cleveland Medical	Name: Great Lakes NeuroTechnologies Inc.	
Devices Inc.	Internal Address:	
Additional name(s) of conveying party(ies) attached? Yes No. 3. Nature of conveyance/Execution Date(s): Execution Date(s) 2003-07-16, 2011-03-11 Assignment Merger Security Agreement Change of Name Joint Research Agreement	Street Address: 10055 Sweet Valley Dr. City: Cleveland State: OH	
Government Interest Assignment		
Executive Order 9424, Confirmatory License	Country: US Zip: 44125	
Other	Additional name(s) & address(es) attached? Yes INo	
	document serves as an Oath/Declaration (37 CFR 1.63).	
A. Patent Application No.(s)	B. Patent No.(s)	
	9,696,228	
Additional numbers at	ached? Yes No	
5. Name and address to whom correspondence	6. Total number of applications and patents	
5. Name and address to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved:	
5. Name and address to whom correspondence concerning document should be mailed: Name: Brian Kolkowski	6. Total number of applications and patents	
5. Name and address to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved: 7. Total fee (37 CFR 1.21(h) & 3.41) \$ 0.00	
5. Name and address to whom correspondence concerning document should be mailed: Name: Brian Kolkowski Internal Address:	6. Total number of applications and patents involved: 7. Total fee (37 CFR 1.21(h) & 3.41) \$ 0.00 Authorized to be charged to deposit account	
5. Name and address to whom correspondence concerning document should be mailed: Name: Brian Kolkowski	6. Total number of applications and patents involved: 7. Total fee (37 CFR 1.21(h) & 3.41) \$ 0.00 Authorized to be charged to deposit account Enclosed	
5. Name and address to whom correspondence concerning document should be mailed: Name: Brian Kolkowski Internal Address: Street Address: 4415 Euclid Ave., Suite 500	6. Total number of applications and patents involved: 7. Total fee (37 CFR 1.21(h) & 3.41) \$ 0.00 Authorized to be charged to deposit account Enclosed None required (government interest not affecting title)	
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5. Name and address to whom correspondence concerning document should be mailed: Name: Brian Kolkowski Internal Address: Street Address: 4415 Euclid Ave., Suite 500 City: Cleveland	6. Total number of applications and patents involved: 7. Total fee (37 CFR 1.21(h) & 3.41) \$ 0.00 Authorized to be charged to deposit account Enclosed None required (government interest not affecting title)	
5. Name and address to whom correspondence concerning document should be mailed: Name: Brian Kolkowski Internal Address: Street Address: 4415 Euclid Ave., Suite 500 City: Cleveland State: OH Zip: 44103	6. Total number of applications and patents involved: 7. Total fee (37 CFR 1.21(h) & 3.41) \$ 0.00 Authorized to be charged to deposit account Enclosed None required (government interest not affecting title) 8. Payment Information	
5. Name and address to whom correspondence concerning document should be mailed: Name: Brian Kolkowski Internal Address: Street Address: 4415 Euclid Ave., Suite 500 City: Cleveland State: OH Zip: 44103 Phone Number: (216) 649-0376	6. Total number of applications and patents involved: 7. Total fee (37 CFR 1.21(h) & 3.41) \$ 0.00 Authorized to be charged to deposit account Enclosed None required (government interest not affecting title)	
5. Name and address to whom correspondence concerning document should be mailed: Name: Brian Kolkowski Internal Address: Street Address: 4415 Euclid Ave., Suite 500 City: Cleveland State: OH Zip: 44103 Phone Number: (216) 649-0376 Docket Number: GLN-050	6. Total number of applications and patents involved: 7. Total fee (37 CFR 1.21(h) & 3.41) \$ 0.00 Authorized to be charged to deposit account Enclosed None required (government interest not affecting title) 8. Payment Information	
5. Name and address to whom correspondence concerning document should be mailed: Name: Brian Kolkowski Internal Address: Street Address: 4415 Euclid Ave., Suite 500 City: Cleveland State: OH Zip: 44103 Phone Number: (216) 649-0376 Docket Number: GLN-050 Email Address: bkolkowski@gineurotech.com	6. Total number of applications and patents involved: 7. Total fee (37 CFR 1.21(h) & 3.41) \$ 0.00 Authorized to be charged to deposit account Enclosed None required (government interest not affecting title) 8. Payment Information Deposit Account Number Authorized User Name	
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Assignment of Rights in Invention (Sole inventor; single assignee)	Docket No.
Inventor	Residence of Inventor
Matthew David Tarler	2752 Horseshoe Blvd. Westlake, Obio 44145
Assignee	Residence or Principal Place of Business of Assignee
Cleveland Medical Devices Inc.	11000 Cedar Avenue Cleveland, Ohio 44106

Whereas, I, the above-identified Inventor, have invented certain new and useful improvements in: SENSOR FOR MEASURING SHEAR FORCES

(hereinafter referred to as "Invention") for which I am making application for Letters Patent in the United States of America;

And, whereas I desire to assign a 100% undivided interest in sald Invention, said application disclosing the Invention and any Letters Patent which may be granted therefor to the above-identified Assignee, and whereas said Assignee is desirous of acquiring the entire right, title and interest in the same;

Now, this indenture witnesseth, that for the sum of ONE dollars (\$ 1.00), and other good and valuable consideration, the receipt whereof is hereby acknowledged;

I hereby assign, sell and transfer a 100% undivided interest in said invention, said application, including any divisions, continuations, and continuations-in-part thereof, and in and to any and all Letters Patent of the United States, and countries foreign thereto, which may be granted for said Invention, and in and to any and all priority rights, Convention rights, and other benefits accruing or to accrue to me with respect to the filing of applications for patents or securing of patents in the United States and countries foreign thereto, unto said Assignee;

And I hereby authorize and request the Commissioner of Patents and Trademarks to issue said United States Letters Patent to said Assignee, as assignee of the whole right, title and interest thereto;

And I further agree to execute all necessary and lawful future documents, including assignments in favor of Assignee, or its designees as Assignee or its Assignees may from time-to-time present to me in order to perfect title in said Invention, modifications, and improvements in said Invention, applications and Letters Patent of the United States and countries foreign thereto:

REST AVAILABLE COPY

[Page 1 of 2] PATENT ASDZA/REVO

REEL: 046340 FRAME: 0124

Assignment of Rights in Invention (Sole inventor; single assignee)	111 /	
inventor	Residence of Inventor	
Matthew David Tarler	2752 Horseshoe Blvd. Westluke, Ohio 44145	
Assignee	Residence or Principal Place of Business of Assignee	
Cleveland Medical Devices Inc.	11000 Cedar Avenue Cleveland, Ohio 44106	
And I further agree to sign and properly execute such necessary and lawful papers for application for foreign patents, for filing divisions, continuations and continuations-in-part of said application for patent, and/or, for obtaining any reissue or reissues of any Letters Patent which may be granted for my aforesaid Invention, as the Assignce thereof shall hereafter require and prepare at its own expense. Executed this 6th day of July, in the year 2003 at Last Last Last Last Country of County of Refore me personally appeared. Marketon David Tarket.		
who acknowledged the foregoing instrument to be a free act execute the same this day of	and deed and also represented that he or she is authorized to , in the year (Notary Public)	

BEST AVAILABLE COPY

[Page 2 of 2]

PATENT AND INTELLECTUAL PROPERTY ASSIGNMENT AGREEMENT

THIS AGREEMENT is made the 11th day of March, 2011 by and between Cleveland

Medical Devices Inc. ("CleveMed"), a company incorporated in the State of Ohio, and Great

Lakes NeuroTechnologies Inc. ("Great Lakes"), a company incorporated in the State of Ohio.

WHEREAS, CleveMed agrees to assign to Great Lakes its title, rights and interest in and

to the patents and patent applications identified in Schedule 1;

WHEREAS, CleveMed and Great Lakes wish to document by formal assignment to

Great lakes of CleveMed's title, interest and rights in and to the patent and patent applications.

CleveMed and Great Lakes therefore agree as follows.

1. "Assigned Patent" shall mean the U.S. Patent Application having serial no.

13/033,184 and filing date February 23, 2011.

2. For good and valuable consideration, receipt of which is hereby acknowledged,

CleveMed hereby assigns to Great Lakes all of the rights, title and interest in (i) the inventions

disclosed in the Assigned Patent, (ii) the Assigned Patents, (iii) any U.S. or foreign Letters Patent

which may issue from the Assigned Patent, and (iv) all divisions, continuations, reissues, re-

examinations and extensions of the Assigned Patent. CleveMed further acknowledges that

included in this assignment is the right to bring suit to enforce the Assigned Patent against

activities which occurred before the date of this Agreement.

3. CleveMed agrees to execute upon the request of Great Lakes any assignment paper

or other document reasonably necessary to evidence the assignment of the rights hereunder to

Great Lakes, and agrees to cooperate with Great Lakes in all other matters relating to the

assignment of these rights to Great Lakes.

4. This Agreement shall be construed in accordance with and governed by the laws of

PATENT EL: 046340 EDAME: the State of Ohio, excluding any choice of law rules which direct the application of the laws of another jurisdiction.

5. This Agreement constitutes the sole understanding of the parties with respect to the transactions provided herein and supersedes and merges herein any previous agreements and understandings, oral and written, between the parties hereto with respect to the subject matter hereof.

IN WITNESS WHEREOF, this Agreement was executed by Great Lakes and CleveMed on February 28, 2014.

CLEVELAND MEDICAL DEVICES INC.

By:

Name: Hani Kayyali

RECORDED: 07/13/2018

Title: President

GREAT LAKES

NEUROTECHNOLOGIES INC

By:

Name: Brian Kolkowski

Title: Vice President