505563663 07/10/2019

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 EPAS ID: PAT5610460 Stylesheet Version v1.2

SUBMISSION TYPE: NEW ASSIGNMENT

NATURE OF CONVEYANCE: ASSIGNMENT

CONVEYING PARTY DATA

| Name | Execution Date |
|-----------------|----------------|
| STEPHANE BIBIAN | 11/25/2009 |
| TATJANA ZIKOV | 11/25/2009 |

RECEIVING PARTY DATA

| Name: | NEUROWAVE SYSTEMS INC. | |
|--------------------|-----------------------------------|--|
| Street Address: | ddress: 2490 LEE BLVD., SUITE 300 | |
| City: | CLEVELAND HEIGHTS | |
| State/Country: | ОНЮ | |
| Postal Code: 44118 | | |

PROPERTY NUMBERS Total: 2

| Property Type | Number |
|---------------------|----------|
| Application Number: | 15867769 |
| Application Number: | 14330408 |

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: 216 649 0376

Email: bkolkowski@neurowavesystems.com

Correspondent Name: NEUROWAVE SYSTEMS INC.
Address Line 1: 4415 EUCLID AVENUE, SUITE 500

Address Line 4: CLEVELAND, OHIO 44103

| NAME OF SUBMITTER: | MARK PENNINGTON |
|--------------------------------|-----------------|
| SIGNATURE: /Mark Pennington/ | |
| DATE SIGNED: 07/10/2019 | |

Total Attachments: 4

source=NEUR-037_parent-assignment#page1.tif source=NEUR-037_parent-assignment#page2.tif source=NEUR-037_parent-assignment#page3.tif source=NEUR-037_parent-assignment#page4.tif

PATENT 505563663 REEL: 049706 FRAME: 0869

| 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) | |
| Stephane Bibian, Tatjana Zikov | Name: NeuroWave Systems Inc. | |
| | Internal Address: | |
| Additional name(s) of conveying party(ies) attached? Yes Mo | | |
| 3. Nature of conveyance/Execution Date(s): | Street Address: 2490 Lee Blvd., Suite 300 | |
| Execution Date(s) 11/25/2009 | | |
| Assignment Merger | | |
| Security Agreement Change of Name | City: Cleveland Heights | |
| Joint Research Agreement | State: OH | |
| Government Interest Assignment | | |
| Executive Order 9424, Confirmatory License | Country: US Zip: 44118 | |
| Other | Additional name(s) & address(es) attached? Yes | |
| 4. Application or patent number(s): | document serves as an Oath/Declaration (37 CFR 1.63). | |
| A. Patent Application No.(s) | B. Patent No.(s) | |
| 14/330,408 | | |
| 15/867,769 | | |
| | t e | |
| Additional numbers at | ached? Yes No | |
| 5. Name and address to whom correspondence | ached? Yes No 6. Total number of applications and patents | |
| 5. Name and address to whom correspondence concerning document should be mailed: | | |
| 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: 2 | |
| 5. Name and address to whom correspondence concerning document should be mailed: Name: Brian Kolkowski | 6. Total number of applications and patents involved: 2 | |
| 5. Name and address to whom correspondence concerning document should be mailed: Name: Brian Kolkowski | 6. Total number of applications and patents involved: 2 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: 2 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 Internal Address: | 6. Total number of applications and patents involved: 2 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: 2 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: 2 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: 2 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: 2 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: NEUR-024, NEUR-037 | 6. Total number of applications and patents involved: 2 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 | |
| 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: NEUR-024, NEUR-037 Email Address: bkolkowski@neurowavesystems.com | 6. Total number of applications and patents involved: 2 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: NEUR-024, NEUR-037 Email Address: bkolkowski@neurowavesystems.com 9. Signature: Brian Kolkowski | 6. Total number of applications and patents involved: 2 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 7/10/2019 Date Total number of pages including cover | |
| 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: NEUR-024, NEUR-037 Email Address: bkolkowski@neurowavesystems.com 9. Signature: | 6. Total number of applications and patents involved: 2 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 7/10/2019 Date Total number of pages including cover sheet, attachments, and documents: 4 | |

PATENT REEL: 049706 FRAME: 0870

| | Assignment of Rights, Title and Interest in Invention (Multiple inventors; single assignee) Docket No. NEUR-008 | | |
|----------------|--|--|--|
| This is an A: | ssigument of the following rights, title | and interest: (check all that apply): | |
| X | United States of America rights, title | and interest in the invention | |
| X | Foreign rights, title and interest in th | | |
| | United States Patent Application Ser | | |
| | Date of Execution: Date of Filing: | | |
| | | | |
| | | | |
| | International (PCT) Patent Applicati | on Serial No. | ······································ |
| | Other (specify) | ************************************** | |
| Title of the I | nvention | | |
| Inventors (a. | ssignors) Name | Address | |
| Stéphane | Bibian | 2900 Meadowbrook Blvd. | Cleveland Heights, OH 44118 |
| Tatjana Z | ikov — — — — — — — — — — — — — — — — — — — | 2900 Meadowbrook Blvd. | Cleveland Heights, OH 44118 |
| Assignee | | | |
| | Name | Address | |
| NeuroWa | ve Systems Inc. | 2490 Lee Blvd., Suite 300 Cleveland Heights, OH 44118 | |

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AS03A/REV01

Assignment of Rights, Title and Interest in Invention (Multiple inventors; single assignee)

Docket No. NEUR-008

Whereas, we, the above-identified Inventors, have invented certain new and useful improvements in the Invention identified above and described in the above-identified patent application(s) and/or patent(s) (hereinafter referred to as "Invention");

And, whereas we desire to assign our above-identified rights, title and interest in the Invention to the above-identified Assignee;

Now, this indenture witnesseth, that for good and valuable consideration, the receipt whereof is hereby acknowledged;

We hereby assign, sell and transfer our above-identified rights, title and interest in said Invention, said application(s) as identified above, 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 or have granted for said Invention, and in and to any and all reissues and reexaminations thereof, and in and to any and all priority rights, Convention rights, and other benefits accruing or to accrue to us 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 we hereby authorize and request the Director of the United States Patent and Trademark Office to issue any United States Letters Patent which may issue for said Invention to said Assignee, as assignee of the whole right, title and interest thereto;

And we further agree to sign and execute all necessary and lawful future documents, including applications 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 Assignee or its Designee(s) may from time to time require and prepare at its own expense.

Inventors' Signatures (if Notarization is desired, do not sign here and proceed to next page)

| Name | Signature/Date |
|-----------------|-----------------------|
| Stéphane Bibian | SPAin 11/25/09 |
| Tatjana Zikov | Jayour Druor 11/25/09 |
| | <i>J</i> |
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Assignment of Rights, Title and Interest in Invention (Multiple inventors; single assignee)

Docket No. NEUR-008

| (Although notarization is | | Notarization d prima facie evidence of execution pursuant to 35 U.S.C. 261.) |
|--|---------------------|--|
| Executed this 15th at Cleveland Heights | " day of November | , in the year loog |
| State of Ohio | | (Signature of Inventor) |
| County of Cuyahoga | | |
| Before me personally appeared who acknowledged the foregoi execute the same this | | e act and deed and also represented that he or she is authorized to , in the year |
| Executed this 25 t | h day of None wises | (Notary Public) V, in the year 2003 (I, 2 Lor |
| State of Ohio | | (Signature of Inventor) |
| County of Cuyahoga | | * |
| Before me personally appeared who acknowledged the foregoi execute the same this | | e act and deed and also represented that he or she is authorized to , in the year |
| | | (Notary Public) |
| Executed this at | day of | , in the year |
| State of Ohio | | (Signature of Inventor) |
| County of Cuyahoga | | |
| Before me personally appeared who acknowledged the foregol execute the same this | | e act and deed and also represented that he or she is authorized to , in the year |
| | | (Notary Public) |

[Page 3 of 3]