

PATENT ASSIGNMENT COVER SHEET

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| SUBMISSION TYPE: | NEW ASSIGNMENT | |
| NATURE OF CONVEYANCE: | ASSIGNMENT | |
| CONVEYING PARTY DATA | | |
| | Name | Execution Date |
| | NICOLE FORTIER O'BRIEN | 12/20/2019 |
| RECEIVING PARTY DATA | | |
| Name: | THE RESEARCH INSTITUTE AT NATIONWIDE CHILDREN'S HOSPITAL | |
| Street Address: | 700 CHILDREN'S DRIVE | |
| City: | COLUMBUS | |
| State/Country: | OHIO | |
| Postal Code: | 43205 | |
| PROPERTY NUMBERS Total: 1 | | |
| | Property Type | Number |
| | Application Number: | 16641280 |
| CORRESPONDENCE DATA | | |
| Fax Number: | (216)621-4072 | |
| <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> | | |
| Phone: | 216-621-2234 | |
| Email: | cplacko@tarolli.com | |
| Correspondent Name: | TAROLLI, SUNDHEIM, COVELL & TUMMINO LLP | |
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| ATTORNEY DOCKET NUMBER: | NCH-026960 US PCT | |
| NAME OF SUBMITTER: | JOHN A. YIRGA | |
| SIGNATURE: | /John A. Yirga/ | |
| DATE SIGNED: | 02/26/2020 | |
| Total Attachments: 3 | | |
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| source=Assignment#page2.tif | | |
| source=Assignment#page3.tif | | |

ASSIGNMENT

This Assignment is made and entered into by and between Nicole Fortier O'Brien, having a mailing address at 71 S. Merkle Road, Bexley, OH 43209, U.S.A., (hereinafter referred to as "INVENTOR"), and THE RESEARCH INSTITUTE AT NATIONWIDE CHILDREN'S HOSPITAL, an Ohio corporation, with an office at 700 Children's Drive, Columbus, OH 43205, United States of America (hereinafter referred to as "ASSIGNEE"),

Whereas INVENTOR has invented certain inventions described in a United States patent applications entitled **METHOD AND APPARTUS FOR MALARIAL-NEUROLOGIC-INJURY-MECHANISM DIAGNOSIS**, in PCT International Patent Application Serial No. PCT/US18/51451, filed September 18, 2018 (hereinafter said "APPLICATIONS"), and have executed said APPLICATIONS therefor;

Whereas ASSIGNEE desires to acquire the entire right, title and interest in said APPLICATION, namely, and all of the INVENTIONS described, disclosed, or otherwise set forth in said APPLICATIONS ("said INVENTOR"), and to any United States and foreign patents to be obtained therefrom; and

NOW, therefor, for good and valuable consideration, receipt of which is hereby acknowledged:

1. INVENTOR hereby sells, assigns, and transfers to ASSIGNEE, its successors and assigns, the entire right, title and interest, so far as concerns the United States and the Territories and Possessions thereof and all foreign countries, in and to said APPLICATIONS, said INVENTIONS, any and all Letters Patent issuing from said APPLICATIONS or granted for said INVENTIONS, and any and all other APPLICATIONS (said "OTHER APPLICATIONS") for Letters Patent on said INVENTIONS in the United States and in countries foreign to the United States, including all divisional, renewal, extension, reexaminations, substitute, continuation, continuation-in-part, reissue, and Convention applications based in whole or in part upon said INVENTIONS or upon either or both of said APPLICATIONS, and any and all Letters Patent and reissues and extension of any Letters Patent granted for said INVENTIONS or upon said APPLICATIONS or upon said OTHER APPLICATIONS, and every priority right that is or may be predicated upon or arise from said INVENTIONS, said APPLICATIONS, said OTHER APPLICATIONS and any and all Letters Patent issuing from said APPLICATIONS or from said OTHER APPLICATIONS.

2. ASSIGNEE is hereby authorized to file patent applications in any or all countries on any or all of said INVENTIONS in the name of the INVENTOR or in the name of ASSIGNEE or otherwise as ASSIGNEE may deem advisable, under the International Convention or otherwise.
3. The Commissioner of Patents of the United States of America and the empowered officials of all other governments are hereby authorized to issue or transfer any and all Letters Patent to ASSIGNEE in accordance herewith.
4. This Assignment is being made under covenant, not only that full power to make the same is had by the INVENTOR, but also that, at the time of execution of this Assignment, such assigned right is not encumbered by any grant, license, governmental restrictions, or other right heretofore given.
5. The INVENTOR agrees that they will do all acts reasonably serving to assure that said INVENTIONS, said APPLICATIONS, said OTHER APPLICATIONS and any and all Letters Patents shall be held and enjoyed by ASSIGNEE as fully and entirely as the same could have been held and enjoyed by the INVENTOR if this Assignment had not been made, and particularly to execute and deliver to ASSIGNEE all lawful documents including petitions, specifications, oaths, assignments, invention disclaimers, lawful affidavits, and declarations in form and in substance which may be requested by ASSIGNEE, to furnish ASSIGNEE with all facts relating to said INVENTIONS or the history thereof and any and all documents, photographs, models, samples or other physical exhibits which may be useful for establishing the facts of conception, disclosure and reduction to practice of said INVENTIONS, and to testify in any proceedings relating to said INVENTIONS, said APPLICATIONS, said OTHER APPLICATIONS, and any and all Letters Patent.
6. INVENTOR agrees that this Assignment shall be construed in accordance with the laws and courts of Ohio. INVENTOR hereby also agrees to submit to the jurisdiction of any Ohio court.
7. INVENTOR acknowledges and understands that the law firm of Tarolli, Sundheim, Covell & Tummino, LLP and its attorneys represent ASSIGNEE, and INVENTOR acknowledges and understands that INVENTOR is not the client of Tarolli, Sundheim, Covell & Tummino, LLP.

8. INVENTOR acknowledge and understand that they have had the opportunity to consult with independent legal counsel prior to executing this Assignment.

Date: 12/20/19

Nicole Fortier O'Brien
NICOLE FORTIER O'BRIEN

State: Ohio)
County: Franklin)

This 20 day of December 2018, before me personally came the above named **NICOLE FORTIER O'BRIEN** to me personally known as the individual who executed the foregoing Assignment, and who acknowledged to me that he executed the same of his own free will for the purpose therein set forth.



Amy M. Yoder
Notary Public, State of Ohio
My Commission Expires 03-09-2021

Amy
Notary