

## PATENT ASSIGNMENT COVER SHEET

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT

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**PROPERTY NUMBERS Total: 1**

Property Type	Number
<b>Application Number:</b>	16284050

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<b>ATTORNEY DOCKET NUMBER:</b>	14938.0002-01000
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<b>DATE SIGNED:</b>	02/26/2019
<b>Total Attachments: 2</b> source=assignment1#page1.tif source=assignment1#page2.tif	

# ASSIGNMENT

WHEREAS, the undersigned inventors (hereinafter individually and collectively referred to as "ASSIGNORS") have invented:

## HAND-HELD MICRO-RAMAN BASED DETECTION INSTRUMENT AND METHOD OF DETECTION

for which International Application No. PCT/US2014/050182 was filed on August 7, 2014; and for which national phase applications for patent will be made in at least Germany, China and the United States:

- ☒ executed on even date preparatory to filing (each inventor should sign this Assignment on the same day as he/she signs the Declaration);
- ☐ executed on \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_; or
- ☐ filed on \_\_\_\_\_, and assigned Serial No. \_\_\_\_\_ or PCT International Application No. \_\_\_\_\_; and

WHEREAS, Seraph Biosciences, LLC, a Michigan limited liability company with a registered address at 2301 West Big Beaver Road, Suite 921, Troy, Michigan 48084 and Wayne State University, an educational institution organized and existing under the laws of the State of Michigan having administrative offices at 5057 Woodward Avenue, Detroit, Michigan 48202 (hereinafter "ASSIGNEES"), and their respective successors, assigns, and legal representatives, are the assignees of U.S. Provisional Application No. 61/863,095, and are desirous of acquiring an interest in the above-referenced applications;

AND WHEREAS, the "Subject Applications," as referred to herein, shall mean the International Application and all national phase applications referenced above, as well as any provisional, non-provisional, continuation, continuation in part, continued prosecution, substitute, renewal, extension, divisional, reissue, reexamination, foreign, Patent Cooperation Treaty (PCT), inventor's certificate, and all copyright rights throughout the world to the applications and the subject matter disclosed therein as well as any other application which may be filed based in whole or in part thereon, whether in the United States or in any foreign countries, together with the right of priority under any international agreements to which the United States currently adheres and adheres to in the future;

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, ASSIGNORS does hereby confirm any prior assignment and to the extent that ASSIGNORS has not already done so, agrees to assign and hereby does sell, assign and transfer unto ASSIGNEES, their respective successors, assigns and legal representatives, the full and exclusive right, title and interest in the United States and throughout the world to the Subject Applications, to the invention as described in the Subject Applications, the right to file the Subject Applications in the name of ASSIGNEES as the Applicant thereof, and the right to sue for, and recover for past infringements of, or liabilities for, any of the rights relating to any of the applications, patents, utility models, or other similar rights, resulting therefrom, and the copyright rights. ASSIGNORS hereby authorizes and requests the Commissioner of Patents to issue any patent from the Subject Applications to ASSIGNEES, for the sole use and benefit of ASSIGNEES, their respective successors, assigns and legal representatives;

ASSIGNORS hereby covenants and agrees to execute all instruments or documents required or requested for the making and prosecution of any applications of any type for patent, utility

## ASSIGNMENT

model, or other similar rights, and for copyright, in the United States and in all foreign countries including, but not limited to, any provisional, continuation, continuation-in-part, divisional, renewal or substitute thereof, any derivation proceedings relating thereto, and as to Letters Patent any supplemental examination, derivation proceeding, opposition, post grant review, reissue, re-examination, inter partes review, or extension thereof, and for litigation regarding, or for the purpose of protecting title and to the said invention, the United States application for patent, or Letters Patent therefor, and to testify in support thereof, for the benefit of ASSIGNEES without further or other compensation than that above set forth.

ASSIGNORS hereby requests the United States Patent and Trademark Office to issue any Letters Patent of the United States of America to ASSIGNEES, and requests that any official of any country or countries foreign to the United States, whose duty it is to issue or grant patents and applications as aforesaid, to issue the Letters Patent, Utility Model Registration or other similar right in the name of ASSIGNEES.

ASSIGNORS hereby grants ASSIGNEES, their respective successors, assigns and legal representatives the power and authority to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the U.S. Patent and Trademark Office for recordation of this document.

**EXECUTED** as of the date(s) written below by ASSIGNORS:

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