

## PATENT ASSIGNMENT COVER SHEET

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT	
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT	
<b>CONVEYING PARTY DATA</b>		
	<b>Name</b>	<b>Execution Date</b>
	MARK ANDREW ROSEN	03/27/2019
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	<b>Property Type</b>	<b>Number</b>
	Application Number:	16958133
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<b>SIGNATURE:</b>	/Amy J. Embert/	
<b>DATE SIGNED:</b>	06/02/2021	
<b>Total Attachments: 3</b>		
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## ASSIGNMENT AGREEMENT

This Assignment Agreement (the "Agreement") is made and entered into this 23<sup>rd</sup> day of March, 2019 (the "Effective Date"), by Mark Andrew Rosen, whose residence is Piedmont, CA ("Assignor") and Raydiant Oximetry, Inc., a corporation having an address at 2490 Hospital Drive #310, Mountain View, CA 94040 ("Assignee").

### RECITALS

- A. Assignor is the inventor of the patent applications listed on Appendix A, attached hereto.
- B. Assignor desires to sell, transfer, and assign and set over unto Assignee and Assignee desires to accept, all rights, title and interest in and to the Patent Application.

### AGREEMENT

NOW, THEREFORE, in consideration of the foregoing premises, and the covenants and agreements in this Assignment, Assignor and Assignee agree as follows:

1. Assignor does hereby sell, transfer, convey, assign and deliver to Assignee all of Assignor's right, title and interest in and to the Patent Application, and in and to any patents that may issue therefrom, including, in all instances, any counterparts of any of the foregoing in any jurisdiction throughout the world, and any and all divisions, continuations, reissues or reexaminations of any of the foregoing, and, further, all applications for industrial property protection, including without limitation, all applications for patents, utility models, copyright, and designs which may hereafter be filed for any inventions described in said Patent Application in any country or countries, together with the right to file such applications and the right to claim for the same the priority rights derived from the inventions and the Patent Application under the laws of the United States, the International Convention for the Protection of Industrial Property, or any other international agreement or the domestic laws of the country in which any such application is filed, as may be applicable, in each instance the same to be held by Assignee for Assignee's own use and enjoyment, and for the use and enjoyment of Assignee's successors, assigns and other legal representatives, as fully and entirely as the same would have been held and enjoyed by Assignor if this Assignment and sale had not been made; together with all claims for damages, royalties, income or other remuneration (hereinafter "Damages") by reason of past, present and future infringements of patents issuing from the Patent Application or other rights being assigned hereunder, along with the right to sue for and collect such Damages for the use and benefit of Assignee and its successors, assigns and other legal representatives.

2. Insofar as this assignment concerns European patents and patent applications, Assignor does hereby declare that it is the owner of said Patent Application and that Assignor has assigned same, along with all rights and duties appurtenant thereto, to Assignee and agree that the assignment will be recorded in the register with the European Patent Office; and Assignee hereby declares that Assignee has agreed to the assignment of the aforementioned Patent Application to it and that Assignee will simultaneously apply for recording of the assignment in the register with the European Patent Office.

3. Assignor hereby authorizes and requests the Commissioner for Patent Application of the United States, and any officer of any country or countries foreign to the United States, whose duty it is to issue patents or other evidence or forms of intellectual property protection or applications as aforesaid, to issue the same to Assignee and its successors, assigns and other legal representatives in accordance with the terms of this instrument.

4. Assignor agrees that, whenever reasonably requested by Assignee, Assignor will execute all papers, take all rightful oaths, and do all acts which may be reasonably necessary for securing and maintaining the Patent Application in any country and for vesting title thereto in Assignee, its successors, assigns and legal representatives or nominees.

5. Assignor authorizes and empowers Assignee, its successors, assigns and legal representatives or nominees, to invoke and claim for any application for patent or other form of protection for the inventions, the benefit of the right of priority provided by the International Convention for the Protection of Industrial Property, as amended, or by any

convention which may henceforth be substituted for it, or any other international agreement or the domestic laws of the country in which any such application is filed, as may be applicable, and to invoke and claim such right of priority without further written or oral authorization from Assignor.

6. Assignor hereby consents that a copy of this Agreement shall be deemed a full legal and formal equivalent of any assignment, consent to file or like document that may be required in any country for any purpose and more particularly in proof of the right of Assignee or nominee to claim the aforesaid benefit of the right of priority provided by the International Convention for the Protection of Industrial Property, as amended, or by any convention which may henceforth be substituted for it.

IN WITNESS WHEREOF, the Assignor has executed this Assignment on the date first above written at

Piedmont, California  
(signing location of the assignor)

Assignor: Mark Andrew Rosen

By: Mark Andrew Rosen

Name: Mark Andrew Rosen

Title: Inventor

IN WITNESS WHEREOF, the Assignee has executed this Assignment on the date first above written at

Mountain View, California  
(signing location of the assignee)

Assignee: Raydiant Oximetry, Inc.

By: N.P. Ray, MD

Name: Neil P. Ray, MD

Title: CEO & Founder --Raydiant Oximetry

## APPENDIX A

U.S. Provisional Patent Application No. 62/611,830 filed December 29, 2017, entitled: Trans-Abdominal Fetal Pulse Oximetry And/Or Uterine Tone Determination Devices And Systems With Articulating Light Source And/Or Light Detector And Methods Of Use Thereof

U.S. Provisional Patent Application No. 62/611,849 filed December 29, 2017, entitled: Systems, Devices, And Methods For Performing Trans-Abdominal Fetal Oximetry And/Or Trans-Abdominal Fetal Pulse Oximetry Using Independent Component Analysis

U.S. Provisional Patent Application No. 62/694,199 filed July 5, 2018, entitled: Systems, Devices, And Methods For Performing Trans-Abdominal Fetal Oximetry And/Or Trans-Abdominal Fetal Pulse Oximetry Using Time-Domain Diffuse Correlation Spectroscopy

U.S. Provisional Patent Application No. 62/694,261 filed July 5, 2018, entitled: Systems, Devices, And Methods For Performing Trans-Abdominal Meconium Detection

U.S. Provisional Patent Application No. 62/694,122 filed July 5, 2018, entitled: Systems, Devices, And Methods For Performing Trans-Abdominal Fetal Oximetry And/Or Trans-Abdominal Fetal Pulse Oximetry Using Maternal And/Or Fetal Heart Rate

U.S. Provisional Patent Application No. 62/694,130 filed July 5, 2018, entitled: Systems And Methods For Performing Trans-Abdominal Meconium Detection

U.S. Provisional Patent Application No. 62/694,135 filed July 5, 2018, entitled: Systems, Devices, And Methods For Performing Trans-Abdominal Fetal Oximetry And/Or Trans-Abdominal Fetal Pulse Oximetry Using Diffuse Optical Tomography

U.S. Provisional Patent Application No. 62/694,146 filed July 5, 2018, entitled: Systems, Devices, And Methods For Determining An Individualized Ratio Of Ratios For A Pulse Oximeter In The Context Of Trans-Abdominal Fetal Oximetry And/Or Trans-Abdominal Fetal Pulse Oximetry

U.S. Provisional Patent Application No. 62/694,170 filed July 5, 2018, entitled: Systems, Devices, And Methods For Performing Trans-Abdominal Fetal Oximetry And/Or Trans-Abdominal Fetal Pulse Oximetry Using A Broad Spectrum Light Source

U.S. Provisional Patent Application No. 62/694,184 filed July 5, 2018, entitled: Systems, Devices, And Methods For Performing Trans-Abdominal Fetal Oximetry And/Or Trans-Abdominal Fetal Pulse Oximetry Using Frequency-Domain Spectroscopy

PCT Application No. PCT/US18/68049 filed December 28, 2018, entitled: Trans-Abdominal Fetal Pulse Oximetry And/Or Uterine Tone Determination Devices And Systems With Adjustable Components And Methods Of Use Thereof

PCT Application No. PCT/US18/68042 filed December 28, 2018, entitled: Systems, Devices, And Methods For Performing Trans-Abdominal Fetal Oximetry And/Or Trans-Abdominal Fetal Pulse Oximetry Using Independent Component Analysis