

## PATENT ASSIGNMENT COVER SHEET

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 Stylesheet Version v1.2

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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>
SOYA GAMSEY	04/23/2014
NATALIE WISNIEWSKI	05/07/2014
KRISTEN HELTON	04/22/2014
WILLIAM MCMILLAN	04/24/2014
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	PROFUSA, INC.
<b>Street Address:</b>	5959 HORTON ST.
<b>Internal Address:</b>	SUITE 450
<b>City:</b>	EMERYVILLE
<b>State/Country:</b>	CALIFORNIA
<b>Postal Code:</b>	94608
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	16515731
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(202)842-7899
<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>	
<b>Phone:</b>	7034568000
<b>Email:</b>	JSCOTT@COOLEY.COM, zIPPatentDocketingMailboxUS@cooley.com
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<b>Address Line 1:</b>	1299 PENNSYLVANIA AVENUE
<b>Address Line 2:</b>	SUITE 700 ATTN: PATENT GROUP
<b>Address Line 4:</b>	WASHINGTON, D.C. 20004
<b>ATTORNEY DOCKET NUMBER:</b>	PROF-005/05US 312917-2167
<b>NAME OF SUBMITTER:</b>	SANDHYA DEO
<b>SIGNATURE:</b>	/Sandhya Deo/
<b>DATE SIGNED:</b>	03/23/2020
<b>Total Attachments: 3</b>	

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**PATENT**

**REEL: 052195 FRAME: 0348**

## ASSIGNMENT

JOINT

THIS ASSIGNMENT, by Soya Gamsey, Natalie Wisniewski, Kristen Helton, and William McMillan (hereinafter referred to as the assignors), residing at San Francisco, California, San Francisco, California, Seattle, Washington, and La Honda, California respectively, witnesseth:

WHEREAS, the said assignors have invented certain new and useful improvements in OXYGEN SENSORS set forth in:

(1) U.S. Application for Letters Patent bearing Serial No. 14/209,252 and filed on March 13, 2014 which claims priority to U.S. Provisional Patent Application No. 61/784,925 filed on March 14, 2013; and

(2) PCT Application No. US/2014/026183 and filed on March 13, 2014 in the U.S. Receiving Office of the Patent Cooperation Treaty, which claims priority to U.S. Provisional Patent Application No. 61/784,925 filed on March 14, 2013;

WHEREAS, Profusa, Inc., a corporation duly organized under and pursuant to the laws of Delaware, and having its principal place of business at 345 Allerton Ave. South San Francisco, CA 94080 (hereinafter referred to as the assignee) is desirous of acquiring the entire right, title and interest in and to said inventions and said application for Letters Patent of the United States, and in and to any Letters Patent or Patents, United States or foreign, to be obtained therefor and thereon:

NOW THEREFORE, in consideration of One Dollar (\$1.00) and other good and sufficient considerations, the receipt of which is hereby acknowledged, the said assignors have sold, assigned, transferred and set over, and by these presents do sell, assign, transfer and set over, unto the assignee, its successors, legal representatives and assigns, the entire right, title and interest in and to the above-mentioned inventions, application for Letters Patent, and any and all Letters Patent or Patents in the United States of America and all foreign countries which may be granted therefor and thereon, and in and to any and all divisions, continuations, and continuations-in-part of said application, or reissues or extensions of said Letters Patent or Patents, and all rights under the International Union for the Protection of Industrial Property, the same to be held and enjoyed by the said assignee, for its own use and behoof and the use and behoof of its successors, legal representatives and assigns, to the full end of the term or terms for which Letters Patent or Patents may be granted, as fully and entirely as the same would have been held and enjoyed by the assignors, had this sale and assignment not been made.

AND for the same consideration, the said assignors hereby covenant and agree to and with the said assignee, its successors, legal representatives and assigns, that, at the time of execution and delivery of these presents, the said assignors are the sole and lawful owners of the entire right, title and interest in and to the said inventions and the application for Letters Patent above-mentioned, and that the same are unencumbered and that the said assignors have good and full right and lawful authority to sell and convey the same in the manner herein set forth.

AND for the same consideration, the said assignors hereby covenant and agree to and with the said assignee, its successors, legal representatives and assigns, that the said assignors will, whenever counsel of the said assignee, or the counsel of its successors, legal representatives and assigns, shall advise that any proceeding in connection with said inventions, or said application for Letters Patent, or any proceeding in connection with Letters Patent for said inventions in any country, including interference proceedings, is lawful and desirable, or that any division, continuation or continuation-in-part of any application for Letters Patent or any reissue or extension of any Letters Patent, to be obtained thereon, is lawful and desirable, sign all papers and documents, take all lawful oaths, and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of Letters Patent for said inventions, without charge to said assignee, its successors, legal representatives and assigns, but at the cost and expense of the said assignee, its successors, legal representatives and assigns.

AND the said assignors hereby request the Commissioner of Patents to issue said Letters Patent of the United States to the said assignee as the assignee of said inventions and the Letters Patent to be issued thereon for the sole use and behoof of the said assignee, its successors, legal representatives and assigns.

Date: 4/23/14

Name of Inventor:

  
Soya Gamsey

Date:

May 7, 2014

Name of Inventor:

  
Natalie Wisniewski

Date: \_\_\_\_\_


Name of Inventor:

\_\_\_\_\_  
Kristen Helton

Date:

04/24/14

Name of Inventor:

  
William McMillan

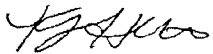
AND for the same consideration, the said assignors hereby covenant and agree to and with the said assignee, its successors, legal representatives and assigns, that, at the time of execution and delivery of these presents, the said assignors are the sole and lawful owners of the entire right, title and interest in and to the said inventions and the application for Letters Patent above-mentioned, and that the same are unencumbered and that the said assignors have good and full right and lawful authority to sell and convey the same in the manner herein set forth.

AND for the same consideration, the said assignors hereby covenant and agree to and with the said assignee, its successors, legal representatives and assigns, that the said assignors will, whenever counsel of the said assignee, or the counsel of its successors, legal representatives and assigns, shall advise that any proceeding in connection with said inventions, or said application for Letters Patent, or any proceeding in connection with Letters Patent for said inventions in any country, including interference proceedings, is lawful and desirable, or that any division, continuation or continuation-in-part of any application for Letters Patent or any reissue or extension of any Letters Patent, to be obtained thereon, is lawful and desirable, sign all papers and documents, take all lawful oaths, and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of Letters Patent for said inventions, without charge to said assignee, its successors, legal representatives and assigns, but at the cost and expense of the said assignee, its successors, legal representatives and assigns.

AND the said assignors hereby request the Commissioner of Patents to issue said Letters Patent of the United States to the said assignee as the assignee of said inventions and the Letters Patent to be issued thereon for the sole use and behoof of the said assignee, its successors, legal representatives and assigns.

Date: \_\_\_\_\_ Name of Inventor: \_\_\_\_\_  
Soya Gamsey

Date: \_\_\_\_\_ Name of Inventor: \_\_\_\_\_  
Natalie Wisniewski

Date: 04/22/2014 Name of Inventor:   
Kristen Helton

Date: \_\_\_\_\_ Name of Inventor: \_\_\_\_\_  
William McMillan