PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
SPEC SENSORS, LLC	06/10/2019

RECEIVING PARTY DATA

Name:	SENSIRION AG
Street Address:	LAUBISRUETISTRASSE 50
City:	STAEFA ZH
State/Country:	SWITZERLAND
Postal Code:	CH-8712

PROPERTY NUMBERS Total: 30

Property Type	Number
Patent Number:	6808618
Application Number:	60807536
Patent Number:	7911010
Application Number:	61112237
Patent Number:	8310016
Application Number:	61392217
Patent Number:	8426932
Patent Number:	8884382
Application Number:	12953672
Patent Number:	8795484
Patent Number:	9784708
Application Number:	15696807
PCT Number:	US2011059075
PCT Number:	US2015037893
Application Number:	62028543
PCT Number:	US2015042135
PCT Number:	US2015042137
PCT Number:	US2016043701
Application Number:	15412675
Patent Number:	9213016

Property Type	Number
PCT Number:	US2015046053
Application Number:	62049757
Application Number:	14851417
PCT Number:	US2015049631
Application Number:	62098969
PCT Number:	US2015068251
Application Number:	14985674
Application Number:	62166468
PCT Number:	US2016034314
Patent Number:	10241073

CORRESPONDENCE DATA

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NAME OF SUBMITTER:	GEOFFREY L. OBERHAUS
SIGNATURE:	/Geoffrey L. Oberhaus/
DATE SIGNED:	06/21/2019

Total Attachments: 3
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ASSIGNMENT

WHEREAS, **Spec Sensors, LLC,** a Limited Liability Company of the State of Delaware, with a place of business at 8430 Central Ave, Suite D, Newark, CA 94560 (hereinafter referred to as Assignor), is the sole owner of the entire right, title and interest throughout the world to the patents and patent applications (and patents issuing on such applications) set forth on Schedule A attached hereto and incorporated herein by reference (collectively, the "Patents Rights") and the invention(s) described and/or claimed in the Patent Rights (the " Inventions"); and

WHEREAS, **Sensirion AG**, a business of Switzerland, with a place of business at Laubisruetistrasse 50, CH-8712 Staefa ZH, Switzerland (hereinafter referred to as Assignee) is desirous of acquiring Assignor's entire right, title and interest to said Patent Rights and the Inventions;

NOW, THEREFORE, for good and valuable consideration, receipt whereof is hereby acknowledged, Assignor hereby sells, assigns and transfers unto said Assignee, its successors and assigns, the entire right, title and interest throughout the world to the Patent Rights and such other patents, and the inventions therein disclosed, and any improvements thereon, and in and to any and all Letters Patent which may be granted therefor in the United States and its territorial possession, in any and all foreign countries, including without limit all PCT Contracting States, and in and to any and all divisions, continuations, substitutions, renewals, re-examination, extension and reissues thereof, and any other applications claiming priority thereto;

Assignor hereby authorizes and requests the Patent Office Officials in the United States and its territorial possessions, and in any and all foreign countries, to issue, when granted, any and all Letters Patents thereon, and reissues thereof, to said Assignee as the assignee of the entire right, title and interest in and to the same, for the sole use and behalf of said Assignee and said Assignee*'s* successors and assigns, to the full end of the term for which said Letters Patents may be granted, as fully and entirely as the same would have been held by Assignor had this assignment and sale not been made;

Assignor hereby authorizes said Assignee, its successors and assigns, to file in its own name applications for patent in foreign countries in connection with the inventions hereby transferred, under the International Convention claiming the priority of said United States application or otherwise, and to secure in its own name the patent or patents issued thereon; and

Assignor hereby agrees that, upon request, Assignor will sign all papers, and make all rightful oaths, and do all acts which said Assignee, its successors or assigns, may consider necessary in connection with said United States application, and in connection with any other United States or foreign applications that may be filed in connection with said inventions, and with any improvements thereon, and in connection with any patents issued or reissued thereon.

Spec Sensors, LLC

Name: Joseph R. STETTER

Title: President

Date: 6/10/19

Name: Edward Stetter

Title: CEO

Date: 6/10/19

Sensirion AG

Name: Johannnes Schumm

Title: VP RD

Date: 06/05/2019

Name: Marc von Waldkirch

Title: CEO

Date: 06/05/2019

Schedule A

Application #	Patent #	Title
US 09/915,166	US 6,808,618	CHEMICAL SENSING APPARATUS AND METHODS
US 60/807,536		APPARATUS AND METHOD FOR MICROFABRICATED MULTI-DIMENSIONAL SENSORS AND SENSING SYSTEMS
US 11/879,462	US 7,911,010	APPARATUS AND METHOD FOR MICROFABRICATED MULTI-DIMENSIONAL SENSORS AND SENSING SYSTEMS
US 61/112,237		APPARATUSES AND METHODS FOR PERSONNEL MONITORING
US 12/615,110	US 8,310,016	APPARATUS AND METHOD FOR MICROFABRICATED MULTI-DIMENSIONAL SENSORS AND SENSING SYSTEMS
US 61/392,217		MICROFABRICATED MULTI-DIMENSIONAL SENSORS AND SENSING SYSTEMS FOR SELECTIVE GAS DETECTION
US 13/271,659	US 8,426,932	APPARATUS AND METHOD FOR MICROFABRICATED MULTI-DIMENSIONAL SENSORS AND SENSING SYSTEMS
US 13/868,583	US 8,884,382	MULTI-DIMENSIONAL SENSORS AND SENSING SYSTEMS
US 12/953,672		PRINTED GAS SENSOR
US 13/740,327	US 8,795,484	PRINTED GAS SENSOR
US 14/317,222	US 9,784,708	PRINTED GAS SENSOR
US 15/696,807		PRINTED GAS SENSOR
PCT/US2011/059075		PRINTED GAS SENSOR
PCT/US2015/037893		PRINTED GAS SENSOR
CN 201580040108.6		PRINTED GAS SENSOR
EP 15 739 101.2		PRINTED GAS SENSOR
HK 17109401.5		PRINTED GAS SENSOR
US 62/028,543		PRINTED GAS SENSOR
PCT/US2015/042135		ELECTROCHEMICAL SENSORS AND PACKAGING AND RELATED METHODS
PCT/US2015/042137		ELECTROCHEMICAL SENSORS AND PACKAGING AND RELATED METHODS
EP 15 823 980.6		ELECTROCHEMICAL SENSORS AND PACKAGING AND RELATED METHODS
CN 20158048620.5		ELECTROCHEMICAL SENSORS AND PACKAGING AND RELATED METHODS
HK 17111572.4		ELECTROCHEMICAL SENSORS AND PACKAGING AND RELATED METHODS
PCT/US2016/043701		ELECTROCHEMICAL SENSORS AND PACKAGING AND RELATED METHODS
US 15/412,675		ELECTROCHEMICAL SENSORS AND PACKAGING AND RELATED METHODS
US 14/465,278	US 9,213,016	AUTOMATED SELF-COMPENSATION APPARATUS AND METHOD FOR PROVIDING ELECTRO-CHEMICAL SENSORS
PCT/US2015/046053		AUTOMATED SELF-COMPENSATION APPARATUS AND METHOD FOR PROVIDING ELECTRO-CHEMICAL SENSORS
EP 15 756 325.5	EP 3183566	AUTOMATED SELF-COMPENSATION APPARATUS AND METHOD FOR PROVIDING ELECTRO-CHEMICAL SENSORS
US 62/049,757		AUTOMATED SELF-COMPENSATION APPARATUS AND METHOD FOR PROVIDING ELECTRO-CHEMICAL SENSORS
US 14/851,417		BREATH SAMPLING DEVICES AND METHODS OF BREATH SAMPLING USING SENSORS
PCT/US2015/049631		BREATH SAMPLING DEVICES AND METHODS OF BREATH SAMPLING USING SENSORS
EP 15 839 212.6		BREATH SAMPLING DEVICES AND METHODS OF BREATH SAMPLING USING SENSORS
US 62/098,969		ELECTRONIC DEVICE COVERS HAVING GAS SENSORS
PCT/US2015/068251		ELECTRONIC DEVICE COVERS HAVING GAS SENSORS
US 14/985,674		ELECTRONIC DEVICE COVERS HAVING GAS SENSORS
US 62/166,468		WIRELESS NEAR FIELD PRINTED GAS SENSOR SYSTEM
PCT/US2016/034314		WIRELESS NEAR-FIELD GAS SENSOR SYSTEM AND METHODS OF MANUFACTURING THE SAME
US 15/165,506	US 10,241,073	WIRELESS NEAR-FIELD GAS SENSOR SYSTEM AND METHODS OF MANUFACTURING THE SAME