505170325 11/01/2018

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5217093

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
KIERAN CONWAY	09/17/2013
CONOR HENEGHAN	08/07/2013
MICHAEL WREN	08/07/2013
SPENCER TERRY WOOD	08/09/2013

RECEIVING PARTY DATA

Name:	RESMED SENSOR TECHNOLOGIES LIMITED
Street Address:	NEXUSUCD, BLOCKS 9 & 10, BELFIELD OFFICE PARK
City:	CLONSKEAGH, DUBLIN 4
State/Country:	IRELAND

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16175975

CORRESPONDENCE DATA

Fax Number: (908)320-4441

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.

using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

Phone: 908-738-1770 Email: pto@bciplaw.com

Correspondent Name: BOTOS CHURCHILL IP LAW LLP

Address Line 1: 430 MOUNTAIN AVENUE

Address Line 2: SUITE 401

Address Line 4: NEW PROVIDENCE, NEW JERSEY 07974

ATTORNEY DOCKET NUMBER: RST 3.3F-009 C (423)	
NAME OF SUBMITTER:	RAYMOND B. CHURCHILL, JR.
SIGNATURE:	/Raymond B. Churchill, Jr./
DATE SIGNED:	11/01/2018

Total Attachments: 6

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PATENT 505170325 REEL: 047381 FRAME: 0186

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> PATENT REEL: 047381 FRAME: 0187

CONFIRMATION OF ASSIGNMENT Inventor(s) to ResMed Sensor Technologies Limited

WHEREAS, I, Kieran CONWAY, an inventor or joint inventor (hereinafter "Inventor") have made certain new and useful inventions relating to RANGE GATED RADIO FREQUENCY PHYSIOLOGY SENSOR, (hereinafter "Inventive-Subject matter") which is described in and for which application has been made as follows:

 A Patent Application filed on 19 July 2013 in United States of America and designated as Application No. PCT/US2013/051250.

WHEREAS, ResMed Sensor Technologies Limited, an Irish company, (hereinafter "Assignee"), whose postal address is NexusUCD, Blocks 9 & 10, Belfield Office Park, Clonskeagh, Dublin 4, Ireland, is desirous of acquiring the entire right, title and interest in and to said Inventive Subject-Matter, including without limitation said application(s), for every jurisdiction, including without limitation the United States of America and all other countries, and any benefits of or to be obtained therefrom:

NOW THEREFORE, for and in consideration of the sum of Ten Euros (EUR10.00) and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, and on the Effective Date herein, Inventor has sold, assigned, and set over and/or to any extent not previously, by these presents does hereby sell, assign and set over unto Assignee and Assignee's legal representatives, successors and assigns, Inventor's entire right, title and interest in and to said Inventive Subject-Matter for every jurisdiction, including without limitation the United States of America and all other countries, said application(s) and any benefits of or to be obtained therefrom, including without limitation any continuation, or divisional application, renewal or substitute thereof, international, foreign and regional applications corresponding or claiming priority thereto pursuant to any law or treaty, including the right to claim such priority or benefit, and the Letters Patent, both foreign and domestic, that may or shall issue thereon, or any reissue or re-examination thereof, and Assignee hereby accepts them, and Inventor does hereby authorize and request the U.S. Commissioner of Patents and any other country's Commissioner of Patents to issue said Letters Patent to the above-mentioned Assignee, consistent with the terms of this Assignment.

UPON SAID CONSIDERATION, Inventor hereby covenants and agrees with Assignee that Inventor has not and will not execute any writing or do any act whatsoever conflicting with these presents, and that Inventor will, at any time upon request, without further or additional consideration, but at the expense of Assignee, execute such additional assignments and other writings and do such additional acts as Assignee may deem

ResMed Reference No. P947WO1

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necessary or desirable to perfect Assignee's or Assignee's assign's enjoyment of this grant, and render all necessary assistance in making application for and obtaining original, continuation, or divisional application, renewal, reissued or extended Letters Patent of the United States, or of any and all other countries, on said Inventive Subject-Matter, and in enforcing any rights or chose in action accruing as a result of such applications or patents, by giving testimony in any proceedings or transactions involving such applications or patents, and by executing preliminary statements and other affidavits, it being understood that the foregoing covenant and agreement shall bind, and inure to the benefit of, the assigns and legal representatives of all parties.

This Confirmation of Assignment may be executed in any number of counterparts and the executed counterparts together constitute an original.

EFFECTIVE DATE: 19 JULY 2013

IN WITNESS WHEREOF, we have hereunto set our hands on the date indicated below.

Kieran CONWAY Date Signed

Executed for and on behalf of RESMED SENSOR TECHNOLOGIES LIMITED in accordance with its Bylaws

Signature of Authorised Person

COWOR HANCEY Name of Authorised Person

DIRECTOR

Date: 18 Soptem in 2013

CONFIRMATION OF ASSIGNMENT Inventor(s) to ResMed Sensor Technologies Limited

WHEREAS, we, **Conor HENEGHAN** and **Michael WREN**, the inventors or joint inventors (hereinafter "Inventor") have made certain new and useful inventions relating to **RANGE GATED RADIO FREQUENCY PHYSIOLOGY SENSOR**, (hereinafter "Inventive-Subject matter") which is described in and for which application has been made as follows:

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NOW THEREFORE, for and in consideration of the sum of Ten Euros (EUR10.00) and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, and on the Effective Date herein, Inventor has sold, assigned, and set over and/or to any extent not previously, by these presents does hereby sell, assign and set over unto Assignee and Assignee's legal representatives, successors and assigns, Inventor's entire right, title and interest in and to said Inventive Subject-Matter for every jurisdiction, including without limitation the United States of America and all other countries, said application(s) and any benefits of or to be obtained therefrom, including without limitation any continuation, or divisional application, renewal or substitute thereof, international, foreign and regional applications corresponding or claiming priority thereto pursuant to any law or treaty. including the right to claim such priority or benefit, and the Letters Patent, both foreign and domestic, that may or shall issue thereon, or any reissue or re-examination thereof, and Assignee hereby accepts them, and Inventor does hereby authorize and request the U.S. Commissioner of Patents and any other country's Commissioner of Patents to issue said Letters Patent to the above-mentioned Assignee, consistent with the terms of this Assignment.

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EFFECTIVE DATE: 19 JULY 2013

IN WITNESS WHEREOF, we have hereunto set our hands on the date indicated below.

Lamina - Lamina Lamina -	Av17 1 2013	Allen
Conor HENEGHAN	Date Signed	Witness
	ū	Name: <u>TVCIETSCR/VINO</u> .
Mulwelway	2 th Aug 2013	Dames 1
Michael WREN	Date Signed	Witness
		Name: JULIOGUANA

Executed for and on behalf of RESMED SENSOR TECHNOLOGIES LIMITED in accordance with its Bylaws

	ers	L	7			
Signature	of Auth	norised	Perso	n		•••
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Date:	mafar. k	14	~~~ <u>~</u>	2	20	3

CONFIRMATION OF ASSIGNMENT Inventor(s) to ResMed Sensor Technologies Limited

WHEREAS, I, **Spencer Terry WOOD**, an inventor or joint inventor (hereinafter "Inventor") have made certain new and useful inventions relating to **RANGE GATED RADIO FREQUENCY PHYSIOLOGY SENSOR**, (hereinafter "Inventive-Subject matter") which is described in and for which application has been made as follows:

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NOW THEREFORE, for and in consideration of the sum of Ten Euros (EUR10.00) and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, and on the Effective Date herein, Inventor has sold, assigned, and set over and/or to any extent not previously, by these presents does hereby sell, assign and set over unto Assignee and Assignee's legal representatives, successors and assigns, Inventor's entire right, title and interest in and to said Inventive Subject-Matter for every jurisdiction, including without limitation the United States of America and all other countries, said application(s) and any benefits of or to be obtained therefrom, including without limitation any continuation, or divisional application, renewal or substitute thereof, international, foreign and regional applications corresponding or claiming priority thereto pursuant to any law or treaty, including the right to claim such priority or benefit, and the Letters Patent, both foreign and domestic, that may or shall issue thereon, or any reissue or re-examination thereof, and Assignee hereby accepts them, and Inventor does hereby authorize and request the U.S. Commissioner of Patents and any other country's Commissioner of Patents to issue said Letters Patent to the above-mentioned Assignee, consistent with the terms of this Assignment.

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Page 1 of 2

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EFFECTIVE DATE: 19 JULY 2013

IN WITNESS WHEREOF, we have hereunto set our hands on the date indicated below.

Spencer Terry WOOD

9-8-2013
Date Signed

David Munucau
Witness
Name:

Name:

Executed for and on behalf of RESMED SENSOR TECHNOLOGIES LIMITED in accordance with its Bylaws

Signature of Authorised Person

CONOR HANLEY

Name of Authorised Person

DIRECTOR SWY VP. KVI

Date: 13 Soy 13

ResMed Reference No. P947WO1

RECORDED: 11/01/2018

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