

## 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>
ALEXANDER VIRR	10/02/2009
ANDREW RODERICK BATH	10/02/2009
NATHAN JOHN ROW	10/02/2009
PHOEBE KATHERINE HILL	10/12/2009
JUNNING CHEN	10/02/2009
HARGOPAL VERMA	10/02/2009
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	ResMed Limited
<b>Street Address:</b>	1 Elizabeth Macarthur Drive
<b>City:</b>	Bella Vista, New South Wales
<b>State/Country:</b>	AUSTRALIA
<b>Postal Code:</b>	2153
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	16223313
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(703)816-4100
<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>	7038164000
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<b>Correspondent Name:</b>	PAUL T. BOWEN/NIXON & VANDERHYE P.C.
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<b>ATTORNEY DOCKET NUMBER:</b>	PTB-4398-1952
<b>NAME OF SUBMITTER:</b>	PAUL T. BOWEN
<b>SIGNATURE:</b>	/Paul T. Bowen/
<b>DATE SIGNED:</b>	12/18/2018

**Total Attachments: 3**

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**CONFIRMATION OF ASSIGNMENT - PCT**  
**Inventors to ResMed Limited**

WHEREAS, we, Alexander VIRR, Andrew Roderick BATH, Nathan John ROW, Phoebe Katherine HILL, Junning CHEN and Hargopal VERMA have made a certain new and useful invention relating to HUMIDIFICATION OF RESPIRATORY GASES, for which application has been made under the Patent Cooperation Treaty (PCT) which application may be identified as International Patent Application No. PCT/AU2009/001232, filed on September 17, 2009, titled HUMIDIFICATION OF RESPIRATORY GASES; and

WHEREAS, we have agreed to transfer to ResMed the partial right, title and interest in and to the Invention which we may own (herein referred to as the "Inventive Subject-Matter"); and

WHEREAS, ResMed Limited, ABN 30 003 765 142 an Australian company (herein referred to as ResMed), whose postal address is 1 Elizabeth Macarthur Drive, Bella Vista, New South Wales 2153, AUSTRALIA, is desirous of acquiring the entire right, title and interest in and to said Inventive Subject-Matter, said application, or any national and regional applications corresponding thereto, any continuation or divisional application, renewal, or substitute thereof, and any Letters Patent, and any reissue or re-examination thereof, to be obtained anywhere in the world therefor:

NOW THEREFORE, for and in consideration of the sum of Ten Dollars Australian (A\$10.00) and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, we hereby confirm that we have sold, assigned, and set over and by these presents do hereby sell, assign and set over unto the said ResMed, and ResMed's legal representatives, successors and assigns, the entire right, title and interest in and to said Inventive Subject-Matter, said application, or any national and regional applications corresponding thereto, any continuation or divisional application, renewal, or substitute thereof, and any Letters Patent, and any reissue or re-examination thereof, to be obtained anywhere in the world, and we do hereby authorize and request the respective U.S Commissioner of Patents and Foreign Commissioner of Patents to issue said Letters Patent and any reissue or re-examination thereof to be obtained anywhere in the world to the above-mentioned ResMed, consistent with the terms of this Assignment.

UPON SAID CONSIDERATION, we hereby covenant and agree with ResMed that we will not execute any writing or do any act whatsoever conflicting with these presents, and that we will, at any time upon request, without further or additional consideration, but at the

expense of ResMed, execute such additional assignments and other writings and do such additional acts as ResMed may deem necessary or desirable to perfect ResMed's enjoyment of this grant, and render all necessary assistance in making application for and obtaining original, continuation or divisional applications, renewal, reissued or extended Letters Patent anywhere in the world, 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.

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

  
\_\_\_\_\_  
**Alexander VIRR**

2 Oct 09  
\_\_\_\_\_  
Date Signed

JM McGilvery  
\_\_\_\_\_  
Witness  
Name: ADRIENNE MCGILVERY

  
\_\_\_\_\_  
**Andrew Roderick BATH**

2 Oct 09  
\_\_\_\_\_  
Date Signed

JM McGilvery  
\_\_\_\_\_  
Witness  
Name: ADRIENNE MCGILVERY

  
\_\_\_\_\_  
**Nathan John ROW**

2 Oct 2009  
\_\_\_\_\_  
Date Signed

JM McGilvery  
\_\_\_\_\_  
Witness  
Name: ADRIENNE MCGILVERY

  
\_\_\_\_\_  
**Phoebe Katherine HILL**

12 Oct 09  
\_\_\_\_\_  
Date Signed

JM McGilvery  
\_\_\_\_\_  
Witness  
Name: ADRIENNE MCGILVERY

  
\_\_\_\_\_  
**Junning CHEN**

02/10/2009  
\_\_\_\_\_  
Date Signed

JM McGilvery  
\_\_\_\_\_  
Witness  
Name: ADRIENNE MCGILVERY

Hargopal VERMA  
Hargopal VERMA

For and on behalf of  
RESMED LIMITED

2 oct 2009  
Date Signed

A. McGilvery  
Witness

Name: ADRIENNE MCGILVERY

By: Robert Hughes

Title: Director

Date: 14th October 2009