PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
BARTON JOHN KENYON	03/06/2013
NICHOLAS JEROME REED	03/08/2013
IAN MALCOLM SMITH	03/06/2013

RECEIVING PARTY DATA

Name:	ResMed Limited
Street Address:	1 Elizabeth Macarthur Drive
City:	Bella Vista, New South Wales
State/Country:	AUSTRALIA
Postal Code:	2153

PROPERTY NUMBERS Total: 2

Property Type	Number
Application Number:	16377505
Application Number:	16377456

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	4574-226 & 4574-227
NAME OF SUBMITTER:	PAUL T. BOWEN
SIGNATURE:	/Paul T. Bowen/
DATE SIGNED:	04/08/2019

Total Attachments: 3

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PATENT 505416129 REEL: 048820 FRAME: 0150

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PATENT REEL: 048820 FRAME: 0151

CONFIRMATION OF ASSIGNMENT Inventor(s) to ResMed Limited

WHEREAS, we, Barton John KENYON, Nicholas Jerome REED and Ian Malcolm SMITH, the inventors or joint inventors (hereinafter "Inventor") have made certain new and useful inventions relating to SINGLE OR MULTIPLE STAGE BLOWER AND NESTED VOLUTE(S) AND/OR IMPELLER(S) THEREFOR, (hereinafter "Inventive-Subject matter") which is described in and for which application has been made as follows:

 A Patent Application filed on 27 October 2006 in Australia and designated as Application No. PCT/AU2006/001617.

WHEREAS, **ResMed Limited**, ABN 30 003 765 142 an Australian company, (hereinafter "**Assignee**"), 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, 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 Dollars Australian (AU\$10.00) 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

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assignments and other writings and do such additional acts as Assignee may deem 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: 27 OCTOBER 2006

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

6 th MARGH 2013 Date Signed

Name: 30415 0440

Nicholas Jegome REED

Ian Malcolm SMITH

Why March 2013

Name: OVLIE BURNOW

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

Signature of Authorised Person
53500 822/63
Name of Authorised Person
Office held
Date: 14 MM2CM 2013

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