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To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

1. Name of conveying party(ies)/Execution Date(s):
 LIAM HOLLEY (03/31/2010), DION CHARLES CHEWE MARTIN (03/31/2010), AND STEVEN PAUL FARRUGIA (03/29/2010)

Execution Date(s): in parentheses after inventor name

Additional name(s) of conveying party(ies) attached? Yes No

2. Name and address of receiving party(ies)

Name: RESMED LIMITED

Internal Address: _____

Street Address: _____

1 ELIZABETH MACARTHUR DRIVE

City: BELLA VISTA

State: NEW SOUTH WALES

Country: Australia Zip: 2153

Additional name(s) & address(es) attached: Yes No

3. Nature of Conveyance:

Assignment Merger

Security Agreement Change of Name

Government Interest Assignment

Executive Order 9424, Confirmatory License

Other _____

4. Application or patent number(s):

A. Patent Application No.(s)
13/148,730

Additional numbers attached? Yes No

This document is being filed together with a new application.

B. Patent No.(s)

5. Name and address to whom correspondence concerning document should be mailed:

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LERNER, DAVID, LITTENBERG,
KRUMHOLZ & MENTLIK, LLP

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6. Total number of applications and patents involved:

7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00

Authorized to be charged by credit card

Authorized to be charged to deposit account


Enclosed

None required (government interest not affecting title)

8. Payment Information

a. Credit Card Last 4 Numbers _____
Expiration Date _____

b. Deposit Account Number 12-1095
Authorized User Name Raymond B. Churchill,

9. Signature:  _____

Signature _____ Date September 7, 2011

Raymond B. Churchill, Jr. - 44,617
Name of Person Signing

Total number of pages including cover sheet, attachments, and documents:

CH \$40.00 121095 13148730

CONFIRMATION OF ASSIGNMENT - PCT
Inventors to ResMed Limited

WHEREAS, we, Liam HOLLEY, Steven Paul FARRUGIA and Dion Charles Chewe MARTIN have made a certain new and useful invention relating to ACOUSTIC DETECTION FOR RESPIRATORY TREATMENT APPARATUS, for which application has been made under the Patent Cooperation Treaty (PCT) which application may be identified as International Patent Application No. PCT/AU2010/000140, filed on February 10, 2010, titled ACOUSTIC DETECTING FOR RESPIRATORY TREATMENT APPARATUS; and

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

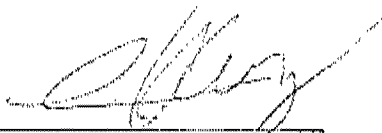
WHEREAS, ResMed Limited, ABN 30 003 765 142 an Australian company (herein referred to as ResMed), whose postal address is 1 Elizabeth Macarthur Drive, Bella Vista, New South Wales 2153, AUSTRALIA, is desirous of acquiring the entire right, title and interest in and to said Inventive Subject-Matter, said 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.


Liam HOLLEY

31/03/2010
Date Signed

AMcGilvery
Witness

Name: ADRIENNE MCGILVERY


Steven Paul FARRUGIA

29/8/10
Date Signed

AMcGilvery
Witness

Name: ADRIENNE MCGILVERY

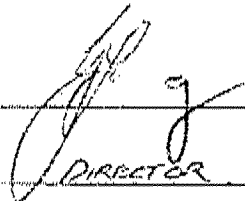

Dion Charles Chewe MARTIN

31/3/2010
Date Signed

AMcGilvery
Witness

Name: ADRIENNE MCGILVERY

For and on behalf of
RESMED LIMITED

By: 
Title: DIRECTOR

Date: 1/4/2010