505341538 02/22/2019

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE: NEW ASSIGNMENT NATURE OF CONVEYANCE: ASSIGNMENT

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CONVEYING PARTY DATA

Name	Execution Date
Alexander Virr	01/12/2004
lan Malcolm Smith	01/30/2004
Perry David Lithgow	01/12/2004
Richard Llewelyn Jones	01/27/2004
Andrew Cheung	01/12/2004

RECEIVING PARTY DATA

Name:	RESMED LIMITED	
Street Address:	1 ELIZABETH MACARTHUR DRIVE BELLA VISTA,	
City:	NEW SOUTH WALES	
State/Country:	AUSTRALIA	
Postal Code:	2153	

PROPERTY NUMBERS Total: 3

Property Type	Number
Application Number:	16231286
Application Number:	16232883
Application Number:	16277660

CORRESPONDENCE DATA

Fax Number: (877)769-7945

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Email: apsi@fr.com, lstewart@fr.com CHRISTOPHER C. HOFF **Correspondent Name:** Address Line 1: FISH & RICHARDSON P.C.

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ATTORNEY DOCKET NUMBER:	47570-0019001
NAME OF SUBMITTER:	LORI L. STEWART
SIGNATURE:	/Lori L. Stewart/
DATE SIGNED:	02/22/2019

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PATENT REEL: 048407 FRAME: 0850

ASSIGNMENT

Inventors to ResMed Ltd (via R&D)

WHEREAS, we, Alexander VIRR, Ian Malcolm SMITH, Perry David LITHGOW, Richard Llewelyn JONES, Andrew CHEUNG whose postal addresses are shown below, have made a certain new and useful Invention relating to HUMIDIFIER WITH STRUCTURE TO PREVENT BACKFLOW OF LIQUID THROUGH THE HUMIDIFIER INLET, for which application has been made for Letters Patent of the United States and which application may be identified in the United States Patent Office as Patent Application Serial No 10/467,382, filed on 07 August 2003, titled HUMIDIFIER WITH STRUCTURE TO PREVENT BACKFLOW OF LIQUID THROUGH THE HUMIDIFIER INLET, and

WHEREAS, we are the assignors of partial right, title and interest in and to that part of the Invention invented in the period commencing July 1, 2002 which shall be referred to as the "Inventive Subject-matter" in this Assignment; and

WHEREAS, ResMed Limited, ABN 30 003 765 142 an Australian company (hereinafter ResMed), whose postal address is 97 Waterloo Road, North Ryde, New South Wales 2113, AUSTRALIA, is desirous of acquiring the entire right, title and interest in and to said Inventive Subject-matter, said application, or any continuation, division, renewal, or substitute thereof, and the Letters Patent, or any reissue or re-examination thereof, to be obtained 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 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 continuation, division, renewal or substitute thereof, international and foreign and regional applications corresponding thereto, and the Letters Patent, both foreign and domestic, that may or shall issue thereon, or any reissue or reexamination thereof, and we do hereby authorize and request the Commissioner of Patents to issue said Letters Patent 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

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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, divisional, renewal, reissued or extended Letters Patent of the United States, or of any and all foreign countries, on said Inventive Subject-matter, and in enforcing any rights or chooses 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

Residence Address:

21 North Street

Balmain

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ian Malcolm SMITH Residence Address:

21 Western Crescent

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AUSTRALIA

30 Jan 2004

Date Signed

Witness

Witness

Name: Healle Do

ANDREW BATH

Perry David LITHGOW

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Nitness

Name: Dan Kao

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Radollaro

Richard Llewelyn JONES

Residence Address: 5 Hillview Street Hornsby Heights New South Wales 2077 AUSTRALIA 2111104

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Witness

Name: LINDA JUNES

Andrew CHEUNG

Residence Address: Unit 16/38 Park Avenue Burwood New South Wales 2134 AUSTRALIA Date Signed

Witness

Name: EKESHA SIRIWARDENA

For and on behalf of RESMED LIMITED

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Data.

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RECORDED: 02/26/2019