PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT5994196

SUBMISSION TYPE:	NEW ASSIGNMENT		
NATURE OF CONVEYANCE:	ASSIGNMENT		

CONVEYING PARTY DATA

Name	Execution Date
DION CHARLES CHEWE MARTIN	12/13/2019
GORDON JOSEPH MALOUF	11/17/2019
LIAM HOLLEY	11/11/2019
PETER WLODARCZYK	11/11/2019
QUANGANG YANG	11/11/2019

RECEIVING PARTY DATA

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

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15781599

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.

Phone: 908-738-1773 Email: pto@bciplaw.com

BOTOS CHURCHILL IP LAW LLP **Correspondent Name:**

Address Line 1: 430 MOUNTAIN AVENUE

SUITE 401 Address Line 2:

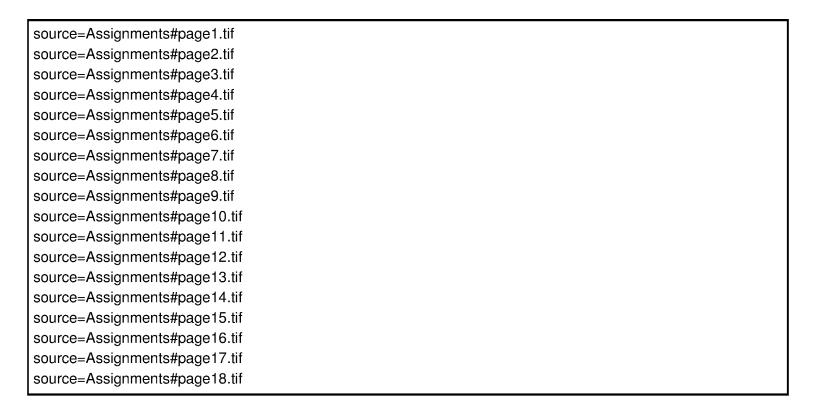
Address Line 4: NEW PROVIDENCE, NEW JERSEY 07974

ATTORNEY DOCKET NUMBER:	RESMED 3.3F-143 (1412)
NAME OF SUBMITTER:	MARLENE S. DIAZ
SIGNATURE:	/Marlene S. Diaz/
DATE SIGNED:	03/03/2020
	•

Total Attachments: 18

PATENT REEL: 051997 FRAME: 0784

505947476



WHEREAS, we, Liam HOLLEY and Gordon Joseph MALOUF and Dion Charles Chewe MARTIN and Peter WLODARCZYK and Quangang YANG, an inventor or joint inventor (hereinafter "Inventor") have made certain new and useful inventions relating to METHODS AND APPARATUS FOR RESPIRATORY TREATMENT, (hereinafter "Inventive-Subject matter") which is described in and for which application has been made as follows:

- A Provisional Application filed on 10 December 2015 in United States of America and designated as Application No. 62/265,700
- A PCT International Application filed on 9 December 2016 in Australia and designated as Application No. PCT/AU2016/051210
- A Patent Application filed on 9 December 2016 in United States of America and designated as Application No. 15/781,599

WHEREAS, ResMed Pty Ltd, 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

EFFECTIVE DATE: 10 December 2015

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 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.

Liam HOLLEY	Date Signed:
Gordon Joseph MALOUF	Date Signed:
DocuSigned by:	December 13, 2019 01:03:08 EST
Dion Charles Chewe MARTIN	Date Signed:
Peter WLODARCZYK	Date Signed:

Quangang YANG	Date Signed:
For and on behalf of	By: Susan Purves

Title: Director Date Signed:

DocuSign Envelope ID: E38A2D28-DA46-47BD-B579-ACB63EAD42CB

RESMED PTY LTD

In accordance with its Bylaws

WHEREAS, we, Liam HOLLEY and Gordon Joseph MALOUF and Dion Charles Chewe MARTIN and Peter WLODARCZYK and Quangang YANG, an inventor or joint inventor (hereinafter "Inventor") have made certain new and useful inventions relating to METHODS AND APPARATUS FOR RESPIRATORY TREATMENT, (hereinafter "Inventive-Subject matter") which is described in and for which application has been made as follows:

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WHEREAS, ResMed Pty Ltd, 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

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 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.

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EFFECTIVE DATE: 10 December 2015

Liam HOLLEY	Date Signed:
DocuSigned by: 3C6D6292B26E45F	November 17, 2019 21:42:49 EST
Gordon Joseph MALOUF	Date Signed:
Dion Charles Chewe MARTIN	Date Signed:
Peter WLODARCZYK	Date Signed:

Quangang YANG	Date Signed:
For and on hohalf of	Pv: Susan Durvos
For and on behalf of	By: Susan Purves

Title: Director Date Signed:

DocuSign Envelope ID: 24AEF937-DA1C-42F0-9D44-282BA8FC9C7B

RESMED PTY LTD

In accordance with its Bylaws

WHEREAS, we, Liam HOLLEY and Gordon Joseph MALOUF and Dion Charles Chewe MARTIN and Peter WLODARCZYK and Quangang YANG, an inventor or joint inventor (hereinafter "Inventor") have made certain new and useful inventions relating to METHODS AND APPARATUS FOR RESPIRATORY TREATMENT, (hereinafter "Inventive-Subject matter") which is described in and for which application has been made as follows:

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/ Liam HOLLEY /	November 11, 2019 22:07:10 EST
Liam HÖLLEY	Date Signed:
Gordon Joseph MALOUF	Date Signed:
Dion Charles Chewe MARTIN	Date Signed:
Peter WLODARCZYK	Date Signed:

Quangang YANG	Date Signed:
For and on behalf of	By: Susan Purves

Title: Director Date Signed:

DocuSign Envelope ID: 77CA89C2-82B4-4E15-9D4A-D8950F8C8288

RESMED PTY LTD

In accordance with its Bylaws

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Liam HOLLEY	Date Signed:
Gordon Joseph MALOUF	Date Signed:
Dion Charles Chewe MARTIN	Date Signed:
DocuSigned by:	
1 Peter WLODARCZUE 1	November 11, 2019 22:35:38 EST
Peter WLODARCZYK	Date Signed:

Date Signed:	
By: Susan Purves	

Date Signed:

DocuSign Envelope ID: 9546883F-C062-41F4-A60D-A79608B2512B

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Liam HOLLEY	Date Signed:
Gordon Joseph MALOUF	Date Signed:
Dion Charles Chewe MARTIN	Date Signed:
Peter WLODARCZYK	Date Signed:

Docusigned by:

/ Guangang UNG /

EZEEBD9ASCF7/AE1

Quangang YANG

November 11, 2019 | 23:18:49 EST

Date Signed:

For and on behalf of

RESMED PTY LTD

In accordance with its Bylaws

By: Susan Purves

Title: Director

Date Signed:

WHEREAS, we, Liam HOLLEY and Gordon Joseph MALOUF and Dion Charles Chewe MARTIN and Peter WLODARCZYK and Quangang YANG, an inventor or joint inventor (hereinafter "Inventor") have made certain new and useful inventions relating to METHODS AND APPARATUS FOR RESPIRATORY TREATMENT, (hereinafter "Inventive-Subject matter") which is described in and for which application has been made as follows:

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Liam HOLLEY	Date Signed:
Gordon Joseph MALOUF	Date Signed:
Dion Charles Chewe MARTIN	Date Signed:
Peter WLODARCZYK	Date Signed:

RECORDED: 03/03/2020

Quangang YANG Date Signed:

/ Susan PURVES /

For and on behalf of By: Susan Purves

RESMED PTY LTD Title: Director

In accordance with its Bylaws Date Signed: November 12, 2019 | 00:40:34 EST