505351478 02/28/2019

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
TONY WILLIAM SPEAR	01/14/2019
MELISSA CATHERINE BORNHOLDT	01/14/2019
JAKE BAKER HOCKING	01/14/2019
JONATHAN TONG LOK SNG	01/24/2019
JEREMY OWEN YOUNG	01/24/2019
ARVIN SAN JOSE GARDIOLA	01/24/2019
STEPHEN FRANCIS HEFFERNAN	01/24/2019
CHRISTINE MARIE LYNCH	01/23/2019
WEN DONG HUANG	12/18/2018

RECEIVING PARTY DATA

Name:	FISHER & PAYKEL HEALTHCARE LIMITED
Street Address:	15 MAURICE PAYKEL PLACE
Internal Address:	EAST TAMAKI
City:	AUCKLAND
State/Country:	NEW ZEALAND
Postal Code:	2013

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16307842

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER: FPHCR.723NP

REEL: 048467 FRAME: 0448 505351478

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NAME OF SUBMITTER:	CURTISS C. DOSIER	
SIGNATURE:	/Curtiss C. Dosier/	
DATE SIGNED:	02/28/2019	
	This document serves as an Oath/Declaration (37 CFR 1.63).	
Total Attachments: 11		
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COMBINED DECLARATION & ASSIGNMENT (37 CFR 1.63(e))

Application Data Sheet filed previously or concurrently

Docket No.: FPHCR.723NP Page 1 of 11

Title: NASAL SEAL AND RESPIRATORY INTERFACE

Inventors: Tony William Spear, Melissa Catherine Bornholdt, Jake Baker Hocking, JOnathan Tong Lok Sng, Jeremy Owen Young, Arvin San Jose Gardiola, Stephen Francis Heffernan, Christine Marie Lynch, and Wen Dong Huang

Declaration

This Declaration is directed to U.S. or International Application No. 16/307842, filed December 6, 2018 and incorporating any amendments made thereto prior to the signature date of this Declaration.

As a named inventor, I declare that:

The above-identified application was made or authorized to be made by me.

I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.

I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 USC 1001 by fine or imprisonment of not more than five (5) years, or both.

I have reviewed and understand the contents of the above-identified application, including the claims, as amended by any amendment.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56.

Assignment from Inventors

WHEREAS, above-identified inventors (individual(s) hereinafter "ASSIGNOR") invented certain new and useful improvements, technology, inventions, developments, ideas, ornamental designs, or discoveries, and hereby assign or are under an obligation to assign to the below identified Assignee the above-titled application (collectively hereinafter referred to as the "Work") for which an application for Letters Patent in the United States (identified above) has been prepared for filing with the United States Patent and Trademark Office (hereinafter the "Application").

AND WHEREAS, **Fisher & Paykel Healthcare Limited**, with its principal place of business at 15 Maurice Paykel Place, East Tamaki, Auckland 2013 NZ (hereinafter the "ASSIGNEE"), desires to acquire the entire right, title, and interest in and to the Application and the Work.

NOW, THEREFORE, for good and valuable consideration of which receipt is hereby acknowledged, ASSIGNOR hereby acknowledges that ASSIGNOR has sold, assigned, transferred and set over, and by these presents does hereby sell, assign, transfer and set over, unto said ASSIGNEE, its successors, legal representatives and assigns, the entire right, title, and interest throughout the world in the Application and the Work, including all Patent Properties filed or issued upon the Application and the Work; where "Patent Properties" include, but are not limited to:

all provisional applications relating thereto (including but not limited to U.S. Provisional Application No(s). 62/349293, filed June 13, 2016 (respectively if plural applications));

all nonprovisional applications claiming priority to aforementioned provisional(s) and/or the present Application, including, all divisions, continuations, continuations-in-part, and reissues, and all Letters Patent of the United States which may be granted thereon and all reissues and extensions thereof; and

all rights of priority under International Conventions and any related Letters Patent which may hereafter be granted or filed in any country or countries foreign to the United States, all extensions, renewals and reissues thereof.

COMBINED DECLARATION & ASSIGNMENT (37 CFR 1.63(e))

Application Data Sheet filed previously or concurrently

Docket No.: FPHCR.723NP Page 2 of 11

Title: NASAL SEAL AND RESPIRATORY INTERFACE

Inventors: Tony William Spear, Melissa Catherine Bornholdt, Jake Baker Hocking, JOnathan Tong Lok Sng, Jeremy Owen Young, Arvin San Jose Gardiola, Stephen Francis Heffeman, Christine Marie Lynch, and Wen Dong Huang

ASSIGNOR hereby acknowledges the ASSIGNEE as the Applicant for all aforementioned Patent Properties, and authorizes and requests the Commissioner of Patents of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents on applications as aforesaid, to issue all related Letters Patent to the ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND ASSIGNOR DOES HEREBY sell, assign, transfer, and convey to ASSIGNEE, its successors, legal representatives, and assigns all claims for damages and all remedies arising out of any violation of the rights assigned hereby that may have accrued prior to the date of assignment to ASSIGNEE, or may accrue hereafter, including, but not limited to, the right to sue for, collect, and retain damages for past infringements of said Letters Patent before or after issuance.

AND ASSIGNOR DOES HEREBY covenant and agree that ASSIGNOR will communicate to said ASSIGNEE, its successors, legal representatives and assigns, any facts known to ASSIGNOR respecting the Work, and testify in any legal proceeding, assist in the preparation of any other Patent Property relating to the Application and the Work or any improvements made thereto, sign/execute all lawful papers, authorize the filing of and execute and make all rightful oaths and/or declarations in connection with the Application and the Work including any improvements made thereto, any patent applications filed therefrom, and any continuing application filed from any of the aforementioned applications, and generally do everything possible to aid the ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper patent protection for the Work in all countries.

Docket No.: FPHCR.723NP	Page 3 of 11
Title: NASAL SEAL AND RESPIRATORY INTERFAC	DE
Inventors: Tony William Spear, Melissa Catherine Bo Sng, Jeremy Owen Young, Arvin San Jose G Lynch, and Wen Dong Huang	rnholdt, Jake Baker Hocking, JOnathan Tong Lok ardiola, Stephen Francis Heffeman, Christine Marie
/ 	
Legal Name of inventor: Tony William Spear	
Signature:	Date: 14 JAN 2019
Witnessed by:	Alltak Mehak
Witness Name (printed):	MEHAK KABOR

Docket No.: FPHCR.723NP	Page 4 of 11
Title: NASAL SEAL AND RESPIRATORY INTERFACE	
Inventors: Tony William Spear, Melissa Catherine Bornh Sng, Jeremy Owen Young, Arvin San Jose Gardi Lynch, and Wen Dong Huang	
Legal Name of inventor: Melissa Catherine Bornholdt	
Signature:	Date: _/4 JAN 2019
Witnessed by:	Miliak
Witness Name (printed)	MEHAK KAROOK

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Docket No.: FPHCR.723NP	Page 5 of 11
Title: NASAL SEAL AND RESPIRATORY INTERFACE	
Inventors: Tony William Spear, Melissa Catherine Bornholdt, Jake Baker Hoc Sng, Jeremy Owen Young, Arvin San Jose Gardiola, Stephen Francis Lynch, and Wen Dong Huang	
Legal Name of inventor: Jake Baker Hocking	
Signature: Date Withessed by: Ulliale	: 14/JAN/2019.
Witness Name (printed): MEHM	KAROOK

COMBINED DECLARATION & A	SSIGNMENT	(37 CFR 1.63(e))
Application Data Sheet filed	previously or con	currently
Docket No.: FPHCR.723NP		Page 6 of 11
Title: NASAL SEAL AND RESPIRATORY INTERFAC	E	
inventors: Tony William Spear, Melissa Catherine Bor Sng, Jeremy Owen Young, Arvin San Jose Ga Lynch, and Wen Dong Huang		
	anne de diameter di in	
Legal Name of inventor: Jonathan Tong Lok Sng		
Signature:		Date: <u>24 JAN 19</u>
Witnessed by:	Muhat	(her
Witness Name (printed):	MEHAK	KAMPOZ

Docket No.: FPHCR.723NP	Page 7 of 11
Title: NASAL SEAL AND RESPIRATORY INTERFACE	
Inventors: Tony William Spear, Melissa Catherine Bornholdt, Ja Sng, Jeremy Owen Young, Arvin San Jose Gardiola, S Lynch, and Wen Dong Huang	
Legal Name of inventor: Jeremy Owen Young	
Signature:	Date: 24 Jan 19
Witnessed by:	whate
Witness Name (printed): MG	MR KAPPOR

Docket No.: FPHCR.723NP	Page 8 of 11
Title: NASAL SEAL AND RESPIRATORY INTERFACE	
Inventors: Tony William Spear, Melissa Catherine Bornholdt, Jake Baker Hocking, Jo Sng, Jeremy Owen Young, Arvin San Jose Gardiola, Stephen Francis Heffer Lynch, and Wen Dong Huang	
	.=
Legal Name of inventor: Arvin San Jose Gardiola Signature: Date: 24	1 Jan 2019
Witnessed by: Muhah	
Witness Name (printed): MEHAL KANOOL	

Docket No.: FPHCR.723NP		Page 9 of 11
Title: NASAL SEAL AND RESPIRATORY INT	TERFACE	
Inventors: Tony William Spear, Melissa Catherine Bornholdt, Jake Baker Hocking, JOnathan Tong Lok Sng, Jeremy Owen Young, Arvin San Jose Gardiola, Stephen Francis Heffernan, Christine Marie Lynch, and Wen Dong Huang		
Legal Name of inventor: Stephen Francis He	effernan	
Signature: Stay Wym	>	Date: 24 Jan 19
Witnessed by: _	Miliab	
Witness Name (printed): _	MEHAK	KAPEBR

Docket No.: FPHCR.723NP	Page 10 of 11	
Title: NASAL SEAL AND RESPIRATORY INTI	ERFACE	
Inventors: Tony William Spear, Melissa Catherine Bornholdt, Jake Baker Hocking, JOnathan Tong Lok Sng, Jeremy Owen Young, Arvin San Jose Gardiola, Stephen Francis Heffeman, Christine Marie Lynch, and Wen Dong Huang		
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Legal Name of inventor: Christine Marie Lynd	ch	
Signature: Amalina (guel Date: 23 JAN 2019	
Witnessed by:	Mihak	
Witness Name (printed):	MEHAL WAPOSK	

Docket No.: FPHCR.723NP	Page 11 of 11
Title: NASAL SEAL AND RESPIRATORY INTERFACE	
Inventors: Tony William Spear, Melissa Catherine Bornhol Sng, Jeremy Owen Young, Arvin San Jose Gardio Lynch, and Wen Dong Huang	dt, Jake Baker Hocking, JOnathan Tong Lok la, Stephen Francis Heffeman, Christine Marie
Legal Name of inventor: Wen Dong Huang	
Signature:	Date: 18 DEC 18
Witnessed by:	Milab
Witness Name (printed):	MEHAK KAPOOR

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PATENT REEL: 048467 FRAME: 0460

RECORDED: 02/28/2019