505116166 09/27/2018

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5162927

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
BRUCE GORDON HOLYOAKE	10/18/2017
DEXTER CHI LUN CHEUNG	10/13/2017
ANIL PATEL	12/04/2017
SEYED AHMAD REZA NOURAEI	08/03/2018
MILANJOT SINGH ASSI	10/11/2017
THOMAS HEINRICH BARNES	10/18/2017
ALICIA JERRAM HUNTER EVANS	10/13/2017
CRAIG KARL WHITE	10/13/2017
MATTHEW JON PAYTON	10/13/2017
LAITH ADEEB HERMEZ	10/13/2017
GERMAN KLINK	10/13/2017
SAMANTHA DALE OLDFIELD	10/13/2017
TAYLOR JAMES EDWARDS	10/13/2017
AIDAN ROBERT BURGESS	10/13/2017

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:	15563085

CORRESPONDENCE DATA

Fax Number: (949)760-9502

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.

using a lax number, ii provided, ii that is diisaccessidi, it will be sent via 65 ii

Phone: 949-760-0404

PATENT REEL: 046999 FRAME: 0123

505116166

Email: efiling@knobbe.com

Correspondent Name: KNOBBE MARTENS OLSON & BEAR LLP

Address Line 1: 2040 MAIN STREET

Address Line 2: 14TH FLOOR

Address Line 4: IRVINE, CALIFORNIA 92614

ATTORNEY DOCKET NUMBER:	FPHCR.561NP
NAME OF SUBMITTER:	ALLYSON BROWN
SIGNATURE:	/Allyson Brown/
DATE SIGNED:	09/27/2018
	This document serves as an Oath/Declaration (37 CFR 1.63).

Total Attachments: 15

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

Application Data Sheet filed previously or concurrently

Docket No.: FPHCR.561NP Page 1 of 15

Title: A USER INTERFACE AND SYSTEM FOR SUPPLYING GASES TO AN AIRWAY

Inventors: Bruce Gordon Holyoake, Dexter Chi Lun Cheung; Anil Patel; Seyed Ahmad Reza Nouraei; Milanjot Singh Assi; Thomas Heinrich Barnes; Alicia Jerram Hunter Evans; Craig Karl White; Matthew Jon Payton; Laith Adeeb Hermez; German Klink; Samantha Dale Oldfield; Taylor James Edwards; Aidan Robert Burgess

Declaration

This Declaration is directed to the application identified above that:

Was filed **September 29, 2017** as U.S. or International Application No. **15/563085** 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 Fisher & Paykel Place, 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). 62/140593, 62/140613, 62/140625, 62/140650, 62/193213, 62/196248, 62/196256; filed March 31, 2015, March 31, 2015, March 31, 2015, March 31, 2015, July 16, 2015, July 23, 2015, July 23, 2015; (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

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

Application Data Sheet filed previously or concurrently

Docket No.: FPHCR:561NP Page 2 of 15

Title: A USER INTERFACE AND SYSTEM FOR SUPPLYING GASES TO AN AIRWAY

Inventors: Bruce Gordon Holyoake, Dexter Chi Lun Cheung; Anil Patel; Seyed Ahmad Reza Nouraei; Milanjot Singh Assi; Thomas Heinrich Barnes; Alicia Jerram Hunter Evans; Craig Karl White; Matthew Jon Payton; Laith Adeeb Hermez; German Klink; Samantha Dale Oldfield; Taylor James Edwards; Aidan Robert Burgess

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.

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.

Legal Name of inventor: Bruce C	Gordon Holygakse				
Signature:	44 <u>50</u>	Date:	18	00	2:7/7
Witne	essed by:	LAGILLES-			,
Witness Name	(printed): MA	CONTINECLE	70)		

Docket No.: FPHCR.561NP	Page 3 of 15
Title: A USER INTERFACE AND SYSTEM FOR SUP	PLYING GASES TO AN AIRWAY
Inventors: Bruce Gordon Holyoake, Dexter Chi Lun C Milanjot Singh Assi; Thomas Heinrich Barnes; Matthew Jon Payton; Laith Adeeb Hermez; Go James Edwards; Aidan Robert Burgess	Alicia Jerram Hunter Evans; Craig Karl White;
Legal Name of Inventor: Dexter Chi Lun Cheung	. 13 aCT7814
Signature:	Date:
Witnessed by:	
Witness Name (reinted):	MARTINA MUEUGRE

Docket No.: FPHCR.561NP	Page 4 of 15
Fille: A USER INTERFACE AND SYSTEM FOR SUPPL	2000 1 전 10 10 10 10 10 10 10 10 10 10 10 10 10
nventors: Bruce Gordon Holyoake, Dexter Chi Lun Che Milanjot Singh Assi; Thomas Heinrich Barnes; A Matthew Jon Payton; Laith Adeeb Hermez; Gerr James Edwards; Aidan Robert Burgess	licia Jerram Hunter Evans; Craig Karl White;
######################################	
egal Name of inventor: Anil Patel	,
egal Name of inventor: Anil Patel	Date: 4th Du 201
egal Name of inventor: Anil Patel Signature: Witnessed by:	Date: 4 Au 201 RAKOSH PATER.

Docket No.: FPHCR.561NP	Page 5 of 15		
Title: A USER INTERFACE AND SYSTEM FOR SUPPLYING GASES TO AN AIRWAY			
Inventors: Bruce Gordon Holyoake, Dexter Chi Lun Cheung; Anil Patel; Seyed Ahmad Reza Nouraei; Milanjot Singh Assi; Thomas Heinrich Barnes; Alicia Jerram Hunter Evans; Craig Karl White; Matthew Jon Payton; Laith Adeeb Hermez; German Klink; Samantha Dale Oldfield; Taylor James Edwards; Aidan Robert Burgess			
Legal Name of inventor: Seyea Alanad Beza Nouraei			
Signature: Date: 3 Augu	ust 2018		
Witness Name (printed): Dr Anil Patel			

Docket No.: FPHCR.561NP	Page 6 of 15		
Title: A USER INTERFACE AND SYSTEM FOR SUPPLYING GASES TO AN AIRWAY			
Inventors: Bruce Gordon Holyoake, Dexter Chi Lun Cheung; Anil Patel; Seyed Ahmad Reza Nouraei; Milanjot Singh Assi; Thomas Heinrich Barnes; Alicia Jerram Hunter Evans; Craig Karl White; Matthew Jon Payton; Laith Adeeb Hermez; German Klink; Samantha Dale Oldfield; Taylor James Edwards; Aidan Robert Burgess			
Legal Name of inventor: Milanjot Singh Assi			
Signature: Many Date: 11 Oc	t 2017		
Witnessed by:			
Witness Name (printed): LUCY HUANG	T-1		

Docket No.: FPHCR.561NP	Page 7 of 15
Title: A USER INTERFACE AND SYSTEM FOR SU	PPLYING GASES TO AN AIRWAY
	Cheung; Anil Patel; Seyed Ahmad Reza Nouraei; s; Alicia Jerram Hunter Evans; Craig Karl White; German Klink; Samantha Dale Oldfield; Taylor
Legal Name of inventor: Thomas Heinrich Barnes	
Signature: T. H. Backer	Date: (8th Ochon 2017)
Witnessed by:	
Witness Name (printed)	Moniessa Med

Dacket No.: FPHCR.561NP	Page 8 of 15	
Title: A USER INTERFACE AND SYSTEM FOR SUPPLY	YING GASES TO AN AIRWAY	
Inventors: Bruce Gordon Holycake, Dexter Chi Lun Cheung; Anii Patel; Seyed Ahmad Reza Nouraei; Milanjot Singh Assi; Thomas Heinrich Barnes; Alicia Jerram Hunter Evans; Craig Karl White; Matthew Jon Payton; Laith Adeeb Hermez; German Klink; Samantha Dale Oldfield; Taylor James Edwards; Aldan Robert Burgess		
Legal Name of inventor: Alicia Jerram Hunter Evans		
Logar Hand of Inventor. And a denam Hands Evans		
Signature:	Date: <u>13.00/</u> 70/7	
Witnessed by:/	nedhellers	
Witness Name (printed):	GRANNA IN VEUGES	

Docket No.: FPHCR.56	51NP	Page 9 of 15
Title: A USER INTERF	FACE AND SYSTEM FOR SUPPLYING GASES TO AN A	IRWAY
Milanjot Singh Matthew Jon P	lon Holyoake, Dexter Chi Lun Cheung; Anil Patel; Seyed A Assi; Thomas Heinrich Barnes; Alicia Jerram Hunter Evar Payton; Laith Adeeb Hermez; German Klink; Samantha Da Is; Aidan Robert Burgess	ns; Craig Karl White;
Legal Name of invent	ior: Craig Karl White	
Signature:	Date:	13 Oct 2017
	Witnessed by: ALV	

Page 10 of 15				
R SUPPLYING GASES TO AN AIRWAY				
Inventors: Bruce Gordon Holyoake, Dexter Chi Lun Cheung; Anil Patel; Seyed Ahmad Reza Nouraei; Milanjot Singh Assi; Thomas Heinrich Barnes; Alicia Jerram Hunter Evans; Craig Karl White; Matthew Jon Payton; Laith Adeeb Hermez; German Klink; Samantha Dale Oldfield; Taylor James Edwards; Aidan Robert Burgess				
All Date: 1300-2017. Angela Hikhcoch				

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Title: A USER INTERFACE AND SYSTEM FOR SUP	PLYING GASES TO AN AIRWAY
Inventors: Bruce Gordon Holyoake, Dexter Chi Lun C Milanjot Singh Assi; Thomas Heinrich Barnes; Matthew Jon Payton; Laith Adeeb Hermez; Ge James Edwards; Aldan Robert Burgess	Alicia Jerram Hunter Evans; Craig Karl White;
Legal Name of Inventor: Laith Adeeb Hermez	
Signature:	Date: 13 - 44 - 2-13.
Witnessed by:	nevallers.
Witness Name (printed):	TARTINA NAVAGUIRE)

Docket No.: FPHCR.5611	fb	Page 12 of 15
Title: A USER INTERFAC	CE AND SYSTEM FOR SUPPLYING GASES T	O AN AIRWAY
Milanjot Singh As Matthew Jon Pay	Holyoake, Dexter Chi Lun Cheung; Anil Patel; t si; Thomas Heinrich Barnes; Alicía Jerram Hun ton; Laith Adeeb Hermez; German Klink; Sama Aidan Robert Burgess	ter Evans; Craig Karl White;
Legal Name of inventor		
redui isome of miscinor.	Common Nink	
Signature:	<u> </u>	Date: 13/0c4/2019
	Witnessed by: ULLAW	West
Witnes	s Name (printed): MACINA V	1051180

Docket No.: FPHCR.561NP	Page 13 of 15
Title: A USER INTERFACE AND SYSTEM FOR SU	JPPLYING GASES TO AN AIRWAY
	Cheung; Anif Patel; Seyed Ahmad Reza Nourael; es; Alicia Jerram Hunter Evans; Craig Karl White; German Klink; Samantha Dale Oldfield; Taylor
Legal Name of Inventor: Samantha Dale Oldfield	
Signature: <u>(()()()</u>	Date: <u> 3 007 2017</u>
Witnessed by:	nedallers
Witness Name (printed):	MARINA MUELLARI

Docket No.: FPHCR.561NP	Page 14 of 15
Title: A USER INTERFACE AND SYSTEM FOR	SUPPLYING GASES TO AN AIRWAY
Milanjot Singh Assi; Thomas Heinrich Ba	un Cheung; Anil Patel; Seyed Ahmad Reza Nouraei; arnes; Alicia Jerram Hunter Evans; Craig Karl White; ez; German Klink; Samantha Dale Oldfield; Taylor
Legal Name of Inventor: Taylor James Edward	ds
Signature: <u>Laws</u>	Date: 13-04-2017
Witnessed by:	nedvides-
Witness Name (printed):	MARTINA MUCLEES

Docket No.: FPHCR.561	NP				Pag	e 15 of 15
Title: A USER INTERFA	CE AND SYSTEM FOR S	UPPLYING GASES	TO AN A	IRWAY	<i>r</i>	
Milanjot Singh As Matthew Jon Pay	Holyoake, Dexter Chi Lur ssi; Thomas Heinrich Barn yton; Laith Adeeb Hermez; Aidan Robert Burgess	es; Alicia Jerram Hur	nter Evar	is; Crai	g Karl W	hite;
Legal Name of inventor	: Aidan Bobert Burgess				· · · · · · · · · · · · · · · · · · ·	.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
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Signature:		8 2 4 1 1 1 4 1	Date:	1 (3	(200)	<u> </u>
	Witnessed by:	-1000000000000000000000000000000000000				
Witne	ss Name (printed):	MARTINA	1 1/1	<u> ÆCL</u>	<i>50.</i>]	

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PATENT REEL: 046999 FRAME: 0139

RECORDED: 09/27/2018