## 505353636 03/01/2019

# PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

### **CONVEYING PARTY DATA**

Name	Execution Date
OLIVIA MARIE ALLAN	01/24/2011
ARVIN SAN JOSE GARDIOLA	01/25/2011
LEWIS GEORGE GRADON	02/08/2011
WEN DONG HUANG	01/24/2011
ALASTAIR EDWIN MCAULEY	01/27/2011
MARK MCLAREN	02/08/2011
CRAIG ROBERT PRENTICE	01/24/2011
ANDREW PAUL MAXWELL SALMON	01/24/2011
SILAS SAO JIN SIEW	01/24/2011

## **RECEIVING PARTY DATA**

Name:	FISHER & PAYKEL HEALTHCARE LIMITED	
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City:	EAST TAMAKI, AUCKLAND	
State/Country:	NEW ZEALAND	
Postal Code:	2013	

### **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	15409373

## **CORRESPONDENCE DATA**

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ATTORNEY DOCKET NUMBER: FPHCR.139P1C4

NAME OF SUBMITTER: ANDREW LEE

PATENT 505353636 REEL: 048478 FRAME: 0870

SIGNATURE:	/Andrew D. Lee/
DATE SIGNED:	03/01/2019
Total Attachments: 4 source=FPHCR.139P1#page1.tif source=FPHCR.139P1#page2.tif source=FPHCR.139P1#page3.tif source=FPHCR.139P1#page4.tif	

PATENT REEL: 048478 FRAME: 0871 Application No.: 12/945,141 Filing Date: November 12, 2010

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#### **ASSIGNMENT**

WHEREAS, Olivia Marie Allan, a New Zealand citizen, residing at Auckland, New Zealand, Arvin San Jose Gardiola, a Filipino citizen, residing at Auckland, New Zealand, Lewis George Gradon, a New Zealand citizen, residing at Auckland, New Zealand, Wen Dong Huang, a New Zealand citizen, residing at Auckland, New Zealand, Alastair Edwin McAuley, a New Zealand citizen, residing at Auckland, New Zealand, New Zealand, New Zealand, New Zealand, New Zealand, Craig Robert Prentice, a New Zealand citizen, residing at Auckland, New Zealand, Andrew Paul Maxwell Salmon, a New Zealand citizen, residing at Auckland, New Zealand, Silas Sao Jin Siew, a New Zealand citizen, residing at Auckland, New Zealand, (individual(s) hereinafter "ASSIGNOR") invented certain new and useful improvements, technology, inventions, developments, ideas or discoveries related to PATIENT INTERFACE AND ASPECTS THEREOF (collectively hereinafter referred to as the "Work") for which an application for Letters Patent in the United States has been filed (identified above) with the United States Patent and Trademark Office (hereinafter the "Application"); at least a portion of the specification of which was previously described and claimed in PCT International Application No. PCT/NZ2009/000072, filed on May 12, 2009;

AND WHEREAS, Fisher & Paykel Healthcare Limited, with its principal place of business at 15 Maurice Paykel Place, East Tamaki, Auckland New Zealand (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, the receipt of which 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 applications relating thereto (including but not limited to U.S. Provisional Application No(s), 61/052,362; 61/260,590; 61/376,067, filed May 12, 2008; November 12, 2009; August 23, 2010 (respectively if plural applications))and PCT International Application No. PCT/NZ2009/000072, filed on May 12, 2009, and all nonprovisional applications claiming priority thereto, including, all divisions, continuations, continuations-in-part, reissues, and reexaminations thereof, 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; and ASSIGNOR hereby 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 provisional or non-provisional applications relating to the Application and the Work or any improvements made thereto, sign all lawful papers, 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

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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.

This Way of JANAM, 2011.

Olivia Marie Allan

Witnessed by: SUM MIGREE GREIN

This <u>25</u> day of <u>bnoard</u>, 2011.

Arvin San José Gardiola

Witnessed by:

NOTO MITPEE ORRIN

This gray of see 2011.

Lewis George Gradon

Witnessed by:

WAYN WHEEF GRBIN

pplication No.: 12/945,141 iling Date: November 12, 2010	Docket Number: FPHCR.139P1 Page 3 of 4
This <u>24 day of <i>January</i></u> , 2011.	May Jug
	Wen Don'g Huấng  Witnessed by: SUMN Nigrae GRS/N
This	
	Alastair Edwin McAuley
This <u>೧</u> ೯ day of <u>೯୯೯</u> , 2011.	144
	Mark McLaren  Witnessed by:   Witnessed by:

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This 21 day of 1000/0/0/1.	
	Craig Robert Prentice
	Juli Dibin
	Witnessed by: JUNION MILES GIREN
This day of <u>Twwow</u> , 2011.	Andrew Paul Maxwell Salmon
	JULIAN COMMON
	Witnessed by: VINO MIKEE WIN
This May of January , 2011.	Africa.
	Silas Sao Jin Siew

Witnessed by: SUSAN NARE ORBIN

10161310;ah 121410

> PATENT REEL: 048478 FRAME: 0875

**RECORDED: 03/01/2019**