505248412 12/20/2018

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5295192

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
LAURENCE GULLIVER	06/05/2014
MICHAEL PAUL RONAYNE	06/03/2014
PUQING ZHANG	06/26/2014
ANDREW PAUL MAXWELL SALMON	06/03/2014
REX GORDON FAITHFULL	06/22/2014

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:	15886772

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.

Phone: 949-760-0404 **Email:** efiling@knobbe.com

Correspondent Name: KNOBBE MARTENS OLSON & BEAR LLP

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Address Line 4: IRVINE, CALIFORNIA 92614

ATTORNEY DOCKET NUMBER:	FPHCR.287C1
NAME OF SUBMITTER:	ALLYSON BROWN
SIGNATURE:	/Allyson Brown/
DATE SIGNED:	12/20/2018

PATENT 505248412 REEL: 047835 FRAME: 0706

Total Attachments: 6 source=FPHCR287C1 ASSIGNMENT#page1.tif source=FPHCR287C1 ASSIGNMENT#page2.tif source=FPHCR287C1 ASSIGNMENT#page3.tif source=FPHCR287C1 ASSIGNMENT#page4.tif

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Application Data Sheet filed previously or concurrently

Docket No.: FPHCR.287NP Page 1 of 6

Title: LOCKING TUBE CLIP

Inventors: LAURENCE GULLIVER; MICHAEL PAUL RONAYNE; PUQING ZHANG; ANDREW PAUL

MAXWELL SALMON; REX GORDON FAITHFULL

Declaration

This Declaration is directed to the application identified above that:

Was filed **March 20, 2014** as U.S. or International Application No. **14/346287** 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 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, 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 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). **61/537759**, filed **September 22**, **2011** (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.

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Title: LOCKING TUBE CLIP

Inventors: LAURENCE GULLIVER; MICHAEL PAUL RONAYNE; PUQING ZHANG; ANDREW PAUL

MAXWELL SALMON; REX GORDON FAITHFULL

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.

Signature:

Witnessed by:

Witness Name (printed):

Scott Langford

COMBINED DECLARATION & ASSIGNMENT (37 CFR 1.63(e)) Application Data Sheet filed previously or concurrently

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Title: LOCKING TUBE CLIP	
Inventors: LAURENCE GULLIVER; MICHAEL PAUL RONAYNE; PUQIN MAXWELL SALMON; REX GORDON FAITHFULL	NG ZHANG; ANDREW PAUL
Legal Name of inventor: Michael Paul Ronayne	
Signature:	Date: SJUNIY
Witnessed by	, i

Witness Name (printed): VANESKA WOO

Application Data Sheet filed previously or concurrently

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Title: LOCKING TUBE CLIP

Inventors: LAURENCE GULLIVER; MICHAEL PAUL RONAYNE; PUQING ZHANG; ANDREW PAUL

MAXWELL SALMON; REX GORDON FAITHFULL

Legal Name of inventor: Puqing Zhang

Witnessed by: Zinh Buith

Date: 26 Jun 2014

Witness Name (printed): Ouinton Smith

COMBINED DECLARATION & ASSIGNMENT (37 CFR 1.63(e)) Application Data Sheet filed previously or concurrently

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Title: LOCKING TUBE CLIP		
Inventors: LAURENCE GULLIVER; MICHAEL PAUL RONAYNE; PUG MAXWELL SALMON; REX GORDON FAITHFULL	QING ZHAN	IG; ANDREW PAUL
Legal Name of inventor: And ew Paul Maxwell Salmon		
Signature: forth 5/2	Date: _	3 Tane 14
Witnessed by: Que Suan		
Witness Name (printed): Quinton Smith		

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Title: LOCKING TUBE CLIP

Inventors: LAURENCE GULLIVER; MICHAEL PAUL RONAYNE; PUQING ZHANG; ANDREW PAUL MAXWELL SALMON; REX GORDON FAITHFULL

Legal Name of inventor: Rex Gordon Faithfull

Signature

Date: 22 JON 2014

Witness Name (printed): David Bates

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> PATENT REEL: 047835 FRAME: 0713

RECORDED: 12/20/2018