PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
CRAIG KARL WHITE	06/15/2004
JASON PETER VAN BEURDEN	06/16/2004
KEVIN PETER O'DONNELL	06/15/2004

RECEIVING PARTY DATA

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

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15377882

CORRESPONDENCE DATA

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using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

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KNOBBE MARTENS OLSON & BEAR LLP **Correspondent Name:**

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ATTORNEY DOCKET NUMBER: **FPHCR.099C5** NAME OF SUBMITTER: **ALLYSON BROWN** /Allyson Brown/ SIGNATURE: **DATE SIGNED:** 12/15/2017

Total Attachments: 1

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PATENT REEL: 044407 FRAME: 0217 504690269

ASSIGNMENT

WHEREAS, we CRAIG KARL WHITE of 17A Buttle Street, Rempera, Auckland, New Zealand; JASON PETER VAN BEURDEN of 3/20 Reid Road, New Lynn, Aackland, New Zealand and KEVIN PETER O'DONNELL of 42 Becrescourt Road, Hamilton, New Zealand, respectively, have invented certain new and useful improvements in BREATHING ASSISTANCE APPARATUS for which we have executed an application for Letters Patent of the United States on the Stille day of June; and 27 Esplanade, Auckland, Wew Zealand
WHEREAS, FISHER & PAYKEL HEALTHCARE LIMITED, a corporation organized and existing

under the laws of New Zealand having its principal place of business at 15 Maurice Paykel Place, East Tamaki, Auckland, New Zealand (hereinafter referred to as "ASS/GNEE"), is desirous of acquiring the entire right, title and interest in and to said invention, said application, and in, to and under all Letters Patent of the United States and foreign countries that may be granted therefor;

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN; Be it known that for and in consideration of the sum of One Dollar (\$1.00) and other good and valuable consideration to us and each of us in hand paid by said ASSIGNEE, the receipt of which is hereby acknowledged, we, said Craig Karl White; Jason Peter Van Beurden and Kevin Peter O'Donnell have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over to and unto said ASSIGNEE, its successors and assigns, for, within and throughout the United States and the territories thereof, and all foreign countries, the entire right, title and interest in and to said invention, and in, to and under said application, and all Letters Patent of the United States and foreign countries (including all priority rights that we may have or acquire under any International Convention or treaty) that may be granted for said invention and improvements, including divisions, reissues, subdivisions, continuations and prolongations of such applications and Letters Patent, to have and to hold for the sole and exclusive use and benefit of said ASSIGNEE, its successors and assigns, to the full end of the term or terms for which any and all of said Letters Patents for said invention may issue.

We do hereby covenant and agree, for ourselves, our heirs and our legal representatives, that we will assist said ASSIGNEE in the prosecution of the application herein identified; in the making and prosecution of any other applications for Letters Patent that said ASSIGNEE may elect to make covering the invention herein identified, as hereinbefore set forth; in vesting in said ASSIGNEE like exclusive title in and to all such other applications and Letters Patent; and in the prosecution of any interference which may arise involving said invention, or any application or Letters Patent herein contemplated; and that we will execute and deliver to said ASSIGNEE any and all additional papers that may be requested by said ASSIGNEE to fully carry out the terms of this assignment.

We do hereby authorize and request our attorneys, Trexler, Bushnell, Glangiorgi, Blackstone & Marr. Ltd., of 105 West Adams Street, Chicago, Illinois 60603, to insert here in parentheses (Serial No. 10/855, 146 filed May 27, 2004) the date and serial number of said application when officially known.

And we do hereby authorize and request the Commissioner of Patents to issue all Letters Patent of the United States that may be granted pursuant to the application aforesaid, or for said invention, to said ASSIGNEE, its successors and assigns, in accordance with this assignment.

IN WITNESS WHEREOF, we have hereunto set our hands and seals.

CRAIG KARL WHITE