

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

EPAS ID: PAT4363863

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
HILL-ROM CANADA RESPIRATORY, LTD.	04/07/2014
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	HILL-ROM SERVICES PTE. LTD.
<b>Street Address:</b>	1 YISHUN AVENUE 7
<b>City:</b>	SINGAPORE
<b>State/Country:</b>	SINGAPORE
<b>Postal Code:</b>	768923
<b>PROPERTY NUMBERS Total: 3</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	13538716
<b>Application Number:</b>	15277448
<b>Patent Number:</b>	9549869
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	
<i>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.</i>	
<b>Email:</b>	scozart@btlaw.com
<b>Correspondent Name:</b>	BARNES & THORNBURG LLP
<b>Address Line 1:</b>	11 SOUTH MERIDIAN STREET
<b>Address Line 4:</b>	INDIANAPOLIS, INDIANA 46204
<b>ATTORNEY DOCKET NUMBER:</b>	7175-233317
<b>NAME OF SUBMITTER:</b>	RONALD S. HENDERSON
<b>SIGNATURE:</b>	/Ronald S. Henderson/
<b>DATE SIGNED:</b>	04/12/2017
<b>Total Attachments: 4</b>	
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source=Assignment#page4.tif	

**PATENT ASSIGNMENT**

This assignment is made for good and valuable consideration, the sufficiency of which is acknowledged by each of the undersigned,

Name(s) Hill-Rom Canada Respiratory, Ltd.  
of Assignor(s) 2500, 450 – 1st Street SW,  
Calgary, Alberta CANADA

owner (s) of inventions which are the subject of the following patents and patent applications:

Title of Wearable Thorax Percussion Device  
Application  
Country: USA  
Serial No.: 13/538,716  
Filing Date: June 29, 2012  
Docket No.: N1-38486

Title of Wearable Thorax Percussion Device  
Application  
Serial No.: 15/277,448  
Country: USA  
Filing Date: September 27, 2016  
Docket No.: N1-39383

Title of Wearable Thorax Percussion Device  
Patent  
Serial No.: 13/930,586  
Patent No.: 9,549,869  
Country: USA  
Filing Date: June 28, 2013  
Docket No.: N1-38487

Title of Wearable Thorax Percussion Device  
Application  
Serial No.: 2,819,683  
Publication No: CA2819683A1  
Country: Canada  
Filing Date: June 28, 2013  
Docket No.: N2-38488

The Assignor hereby sell(s), assign(s), transfer(s), and set(s) over to:

Name of Assignee Hill-Rom Services Pte. Ltd.

Address of principal place of business 1 Yishun Avenue 7  
Singapore 768923 Singapore

Insert State of Incorporation a corporation of Not Applicable  
(if applicable) or "Not Applicable"

(hereinafter designated as the Assignee)

its entire right, title, and interest in, to, and under the applications and patents, including all priority rights for other countries arising therefrom, all inventions therein disclosed, and any and all Letters Patent of the United States and of all other countries, including Canada, which may be granted for such inventions, or any of them, any divisional, continuation, continuation-in-part, or reissue applications corresponding to the applications or patents, and any reexamination of the applications or patents, and any foreign patents or patent applications corresponding thereto, and the right to sue for any infringements transpiring before Assignee acquired legal title, all such inventions and all rights in such applications and patents to be held and enjoyed by Assignee for its own use and enjoyment to the full end of the term or terms for which such patents may be granted, as fully and entirely as the same would have been held and enjoyed by Assignor had this assignment and sale not been made.

The undersigned Assignor agree(s) to execute all papers necessary in connection with the applications and patents in the United States and foreign countries and any continuing, divisional, or reissue applications thereof, and any reexamination of any of such applications and patents, and also to execute separate assignments in connection with such applications and patents as the Assignee may deem necessary or expedient.

The undersigned Assignor agree(s) to execute all papers necessary in connection with any interference which may be declared or litigation concerning the application(s) or continuation, division, reissue, or reexamination thereof, and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference or litigation.

The undersigned Assignor agree(s) to execute all papers and documents and perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements.

The undersigned Assignor agree(s) to do all other acts which, in the opinion of Assignee, may be

necessary or desirable to secure the grant of Letters Patent to Assignee or its nominees, in the United States and in all other countries where Assignee may desire to have such inventions, or any of them, patented, with specifications and claims in such form as shall be approved by Assignee and to vest and confirm in Assignee or its nominees the full and complete legal and equitable title to all such Letters Patent.

The undersigned Assignor hereby authorize(s) and request(s) the Commissioner of Patents to issue any and all Letters Patent of the United States resulting from said application(s) or any division or divisions or continuing or reissue applications thereof, and any reexamination of any of such applications, to the said Assignee, as Assignee of the entire interest, and hereby covenants that the undersigned has full right to convey the interest herein assigned, and that the undersigned has not executed, and will not execute, any agreement in conflict herewith.

The undersigned Assignor hereby grant(s) the attorney of record the power to insert on this assignment any further identification which may be necessary or desirable and to correct typographical errors in connection with the information contained herein prior to any recordation of this document.

IN WITNESS WHEREOF the parties have caused this Patent Assignment to be duly executed on this the 7th day of April, 2017

Hill-Rom Canada Respiratory Ltd. (Assignor)  
By:   
Name: Steven Strobel  
Title: Sr Vice President & Chief Accounting Officer

Hill-Rom Services Pte. Ltd. (Assignee)  
By: \_\_\_\_\_  
Name: Abinash Nayak  
Title: Director

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By: \_\_\_\_\_

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Title: Sr Vice President & Chief Accounting Officer

Hill-Rom Services Pte. Ltd. (Assignee)

By: Abinash Nayak

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Title: Director