

<b>PATENT ASSIGNMENT COVER SHEET</b>
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Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT5271529

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
DAVID E. QUINN	09/10/2018
KENZI L. MUDGE	09/06/2018
STEPHEN EMBREE	12/05/2018
DOUGLAS SEIM	09/05/2018
COLLIN DAVIDSON	09/06/2018
TIMOTHY RECEVEUR	09/06/2018
BRITTEN PIPHER	09/06/2018
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	HILL-ROM SERVICES, INC.
<b>Street Address:</b>	1069 STATE ROUTE 46 EAST
<b>City:</b>	BATESVILLE
<b>State/Country:</b>	INDIANA
<b>Postal Code:</b>	47006
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	16120679
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(612)332-9081
<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>	
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<b>Correspondent Name:</b>	ROBERT A. KALINSKY
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<b>ATTORNEY DOCKET NUMBER:</b>	14256.0010USU1
<b>NAME OF SUBMITTER:</b>	THERESA N. POWLESS
<b>SIGNATURE:</b>	/Theresa N. Powless/
<b>DATE SIGNED:</b>	12/07/2018

PATENT

**Total Attachments: 8**

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**PATENT ASSIGNMENT**

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

Name(s) of Inventor(s) David E. Quinn, Kenzi L. Mudge, Stephen Embree, Douglas Seim, Collin Davidson,  
Timothy Receveur, Britten Pipher

maker(s) of an invention which is the subject of an application for Letters Patent of the United States ("Application") entitled

Title of Application Wireless Sensors in Medical Environments

Serial No.: 16/120,679  
Filing Date: September 4, 2018

the undersigned hereby sell(s), assign(s), and set(s) over to

Name of Assignee Hill-Rom Services, Inc.

Address of principal place of business 1069 State Route 46 East  
Batesville, Indiana 47006

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

(hereinafter designated as the Assignee) their entire right, title, and interest in, to, and under the Application, 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 Application or such Letters Patent, and any reexamination of the Application or such Letters Patent, 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 Application and Letters Patent 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 Letters Patent may be granted, as fully and entirely as the same would have been held and enjoyed by them had this assignment and sale not been made.

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

The undersigned 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 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.

Application Serial No. 16/120,679

ASSIGNMENT TO BUSINESS CONCERN

The undersigned 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 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 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, I have executed this assignment at Skaneateles Falls  
(city and state or country if outside USA)  
this 10 day of September, 2018

Outside the USA: \_\_\_\_\_  
Witnesses are \_\_\_\_\_  
required when \_\_\_\_\_  
acknowledgment \_\_\_\_\_  
before a Notary \_\_\_\_\_  
Public is not \_\_\_\_\_  
feasible. \_\_\_\_\_  
Witness

[Signature]  
Inventor (Signature)  
\_\_\_\_\_  
David E. Quinn  
(Printed Name)

ACKNOWLEDGMENT

STATE OF \_\_\_\_\_ }  
  }     SS:  
COUNTY OF \_\_\_\_\_ }

Acknowledged before me, a Notary Public, within and for said County and State. Witness my hand and Notarial Seal  
this 10<sup>th</sup> day of September, 2018

[Signature]  
Notary Public  
\_\_\_\_\_  
Printed Name

My Commission Expires: \_\_\_\_\_

Resident of RENEE M. BORONKA County  
Notary Public, State of New York  
Registration No. 01806379776  
Qualified in Onondaga County  
Commission Expires August 20, 2022

IN WITNESS WHEREOF, I have executed this assignment at Cary, NC  
(city and state or country if outside USA)

this 6 day of September, 2018.

Outside the USA: [Signature]  
Witness [Signature] Inventor (Signature)

Witnesses are required when acknowledgment before a Notary Public is not feasible.  
[Signature] Kenzi L. Mudge  
Witness (Printed Name)

ACKNOWLEDGMENT

STATE OF }  
                  } SS:  
COUNTY OF }

Acknowledged before me, a Notary Public, within and for said County and State. Witness my hand and Notarial Seal  
this \_\_\_\_\_ day of \_\_\_\_\_, \_\_\_\_\_.

\_\_\_\_\_  
Notary Public

\_\_\_\_\_  
Printed Name

My Commission Expires: \_\_\_\_\_

Resident of \_\_\_\_\_ County

IN WITNESS WHEREOF, I have executed this assignment at Cary, NC  
this 5<sup>th</sup> day of December, 2018 (city and state or country if outside USA)

Outside the USA: \_\_\_\_\_  
Witnesses are required when acknowledgment before a Notary Public is not feasible.  
Witness \_\_\_\_\_  
Witness \_\_\_\_\_

Stephen Embree  
Inventor (Signature)  
\_\_\_\_\_  
Stephen Embree  
(Printed Name)

ACKNOWLEDGMENT

STATE OF \_\_\_\_\_ }  
  } SS:  
COUNTY OF \_\_\_\_\_ }

Acknowledged before me, a Notary Public, within and for said County and State. Witness my hand and Notarial Seal  
this 5<sup>th</sup> day of December, 2018.

Colleen B. Lieberman  
Notary Public  
Colleen B. Lieberman  
Printed Name  
Resident of Wake County

My Commission Expires: 8/16/2021

Colleen B Lieberman  
NOTARY PUBLIC  
Wake County, NC  
My Commission Expires 8-16-2021

IN WITNESS WHEREOF, I have executed this assignment at Batesville, Indiana  
this 5 day of September, 2018 (city and state or country if outside USA)

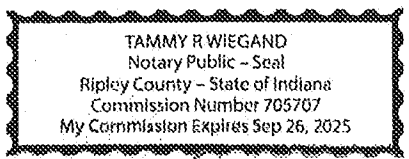
Outside the USA: \_\_\_\_\_  
Witnesses are \_\_\_\_\_  
required when \_\_\_\_\_  
acknowledgment \_\_\_\_\_  
before a Notary \_\_\_\_\_  
Public is not \_\_\_\_\_  
feasible. \_\_\_\_\_  
Witness

[Signature]  
Inventor (Signature)  
\_\_\_\_\_  
Douglas Seim  
(Printed Name)

ACKNOWLEDGMENT

STATE OF Indiana }  
COUNTY OF Ripley } SS:

Acknowledged before me, a Notary Public, within and for said County and State. Witness my hand and Notarial Seal  
this 5 day of September, 2018



My Commission Expires: 9-26-25

Tammy R. Wiegand  
Notary Public  
Tammy R. Wiegand  
Printed Name  
Resident of Ripley County

IN WITNESS WHEREOF, I have executed this assignment at Cary, NC  
this 6 day of September, 2018. (city/and state or country if outside USA)

Outside the USA: [Signature]  
Witnesses are required when acknowledgment before a Notary Public is not feasible.  
Witness

[Signature]  
Inventor (Signature)

[Signature]  
Witness

Collin Davidson  
(Printed Name)

ACKNOWLEDGMENT

STATE OF \_\_\_\_\_ }  
  } SS:  
COUNTY OF \_\_\_\_\_ }

Acknowledged before me, a Notary Public, within and for said County and State. Witness my hand and Notarial Seal  
this \_\_\_\_\_ day of \_\_\_\_\_, \_\_\_\_\_.

\_\_\_\_\_  
Notary Public

\_\_\_\_\_  
Printed Name

My Commission Expires: \_\_\_\_\_

Resident of \_\_\_\_\_ County



IN WITNESS WHEREOF, I have executed this assignment at Cary, NC  
this 6 day of September, 2018 (city and state or country if outside USA)

Outside the USA: [Signature]  
Witnesses are required when acknowledgment before a Notary Public is not feasible.

[Signature]  
Inventor (Signature)

[Signature]  
Witness

Timothy Receveur  
(Printed Name)

ACKNOWLEDGMENT

STATE OF }  
                  } SS:  
COUNTY OF }

Acknowledged before me, a Notary Public, within and for said County and State. Witness my hand and Notarial Seal  
this \_\_\_\_\_ day of \_\_\_\_\_, \_\_\_\_\_.

\_\_\_\_\_  
Notary Public

\_\_\_\_\_  
Printed Name

My Commission Expires: \_\_\_\_\_

Resident of \_\_\_\_\_ County

Application Serial No. 16/120,679

IN WITNESS WHEREOF, I have executed this assignment at Cary, NC  
this 6th day of September, 2018 (city and state or country if outside USA)

Outside the USA: [Signature]  
Witnesses are required when acknowledgment before a Notary Public is not feasible.  
[Signature]  
Witness

[Signature]  
Inventor (Signature)  
Britten Pipher  
Printed Name

ACKNOWLEDGMENT

STATE OF }  
                  } SS:  
COUNTY OF }

Acknowledged before me, a Notary Public, within and for said County and State. Witness my hand and Notarial Seal  
this \_\_\_\_\_ day of \_\_\_\_\_, \_\_\_\_\_.

\_\_\_\_\_  
Notary Public  
\_\_\_\_\_  
Printed Name  
Resident of \_\_\_\_\_ County

My Commission Expires: \_\_\_\_\_