

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

EPAS ID: PAT4820129

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
ERIC D. BENZ	09/06/2017
JOHN D. CHRISTIE	08/30/2017
MICHAEL M. FRONDORF	02/09/2018
GAVIN M. MONSON	08/30/2017
DOUGLAS A. SEIM	08/30/2017
ARPIT S. SHAH	08/30/2017
DAN R. TALLENT	09/06/2017
JAMES D. VOLL	08/30/2017
<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>
Application Number:	15668226
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(812)934-8633
<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>Phone:</b>	812-931-2394
<b>Email:</b>	cindy.bundy@hill-rom.com
<b>Correspondent Name:</b>	HILL-ROM SERVICES, INC.
<b>Address Line 1:</b>	LEGAL DEPT., MAIL CODE K04
<b>Address Line 2:</b>	1069 STATE ROAD 46 EAST
<b>Address Line 4:</b>	BATESVILLE, INDIANA 47006
<b>ATTORNEY DOCKET NUMBER:</b>	10433.USU1
<b>NAME OF SUBMITTER:</b>	CINDY BUNDY
<b>SIGNATURE:</b>	/Cindy Bundy/

PATENT

<b>DATE SIGNED:</b>	02/12/2018
<b>Total Attachments: 9</b> source=Executed Assignment 10433.USU1#page1.tif source=Executed Assignment 10433.USU1#page2.tif source=Executed Assignment 10433.USU1#page3.tif source=Executed Assignment 10433.USU1#page4.tif source=Executed Assignment 10433.USU1#page5.tif source=Executed Assignment 10433.USU1#page6.tif source=Executed Assignment 10433.USU1#page7.tif source=Executed Assignment 10433.USU1#page8.tif source=Executed Assignment 10433.USU1#page9.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)	<u>Eric D. Benz</u>	<u>Douglas A. Seim</u>
of Inventor(s)	<u>John D. Christie</u>	<u>Arpit S. Shah</u>
	<u>Michael M. Frondorf</u>	<u>Dan R. Tallent</u>
	<u>Gavin M. Monson</u>	<u>James D. Voll</u>

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

Title of  
Application Image Based Monitoring of the State of a Device

Serial No.: 15/668,226  
Filing Date: August 3, 2017

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.

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 Batesville, Indiana  
this 6 day of September, 2017 (city and state or country if outside USA)

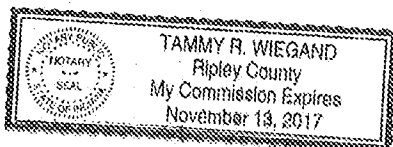
Outside the USA: \_\_\_\_\_  
Witnesses are \_\_\_\_\_  
required when \_\_\_\_\_  
acknowledgment \_\_\_\_\_  
before a Notary \_\_\_\_\_  
Public is not \_\_\_\_\_  
feasible. \_\_\_\_\_  
Witness

Eric D. Benz  
Inventor (Signature)  
Eric D. Benz  
Inventor (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 6 day of September, 2017



Tammy R. Wiegand  
Notary Public  
Tammy R. Wiegand  
Printed Name

My Commission Expires: 11-13-17

Resident of Ripley County

IN WITNESS WHEREOF, I have executed this assignment at Batesville, Indiana  
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this 30 day of August, 2017

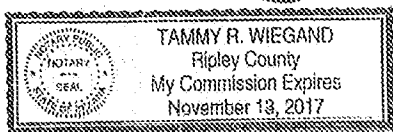
Outside the USA: \_\_\_\_\_  
Witnesses are required when acknowledgment before a Notary Public is not feasible. \_\_\_\_\_  
Witness \_\_\_\_\_  
Witness \_\_\_\_\_

[Signature]  
Inventor (Signature)  
John D. Christie  
Inventor (Printed Name)

ACKNOWLEDGMENT

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

IN WITNESS WHEREOF, I have executed this assignment at Batesville, IN

(city and state or country if outside USA)

this 9<sup>th</sup> day of February, 2018

Outside the USA: \_\_\_\_\_

Witnesses are \_\_\_\_\_ Witness

required when

acknowledgment

before a Notary

Public is not

feasible.

Witness

Michael M. Frondorf  
Inventor (Signature)

Michael M. Frondorf

Inventor (Printed Name)

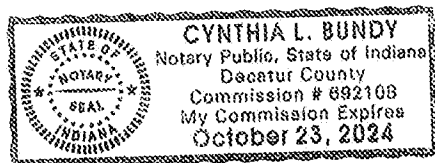
### ACKNOWLEDGMENT

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COUNTY OF Ripley }

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this 9<sup>th</sup> day of February, 2018



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

Cynthia L. Bundy  
Notary Public

Cynthia L. Bundy  
Printed Name

Resident of Decatur County

IN WITNESS WHEREOF, I have executed this assignment at Batesville, Indiana  
this 30 day of August, 2017 (city and state or country if outside USA)

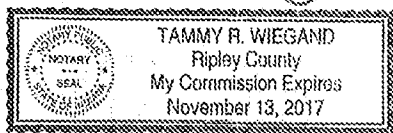
Outside the USA: \_\_\_\_\_  
Witnesses are required when acknowledgment before a Notary Public is not feasible. \_\_\_\_\_  
Witness

Gavin M. Monson  
Inventor (Signature)  
Gavin M. Monson  
Inventor (Printed Name)

ACKNOWLEDGMENT

STATE OF Indiana }  
COUNTY OF Ripley } SS:

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

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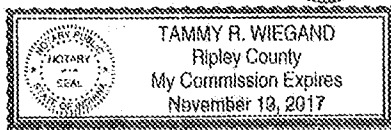
Outside the USA: \_\_\_\_\_  
Witnesses are required when acknowledgment before a Notary Public is not feasible.  
\_\_\_\_\_ Witness  
\_\_\_\_\_ Witness

[Signature]  
Inventor (Signature)  
Douglas A. Seim  
Inventor (Printed Name)

ACKNOWLEDGMENT

STATE OF Indiana SS:  
COUNTY OF Ripley

Acknowledged before me, a Notary Public, within and for said County and State. Witness my hand and Notarial Seal  
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Resident of Ripley County



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Witness

Witness

Arpit S. Shah

Inventor (Signature)

Arpit S. Shah

Inventor (Printed Name)

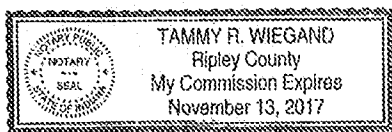
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Witness \_\_\_\_\_  
Witness \_\_\_\_\_

Dan R. Tallent

Inventor (Signature)

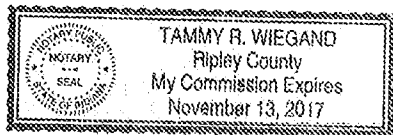
Dan R. Tallent

Inventor (Printed Name)

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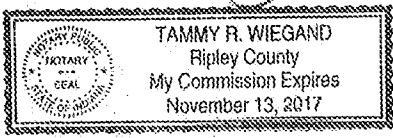
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Witness \_\_\_\_\_  
Witness \_\_\_\_\_

[Signature]  
Inventor (Signature)  
James D. Voll  
Inventor (Printed Name)

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