

## TRADEMARK ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

ETAS ID: TM539120

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT		
<b>NATURE OF CONVEYANCE:</b>	Security Agreement		
<b>CONVEYING PARTY DATA</b>			
<b>Name</b>	<b>Formerly</b>	<b>Execution Date</b>	<b>Entity Type</b>
Hill-Rom Holdings, Inc.		08/30/2019	Corporation: INDIANA
Hill-Rom, Inc.		08/30/2019	Corporation: INDIANA
Hill-Rom Services, Inc.		08/30/2019	Corporation: INDIANA
Allen Medical Systems, Inc.		08/30/2019	Corporation: INDIANA
Anodyne Medical Device, Inc.		08/30/2019	Corporation: DELAWARE
Voalte, Inc.		08/30/2019	Corporation: DELAWARE
Welch Allyn, Inc.		08/30/2019	Corporation: NEW YORK
<b>RECEIVING PARTY DATA</b>			
<b>Name:</b>	JPMorgan Chase Bank, N.A.		
<b>Street Address:</b>	10 South Dearborn, Floor L2, IL1-1145		
<b>City:</b>	Chicago		
<b>State/Country:</b>	ILLINOIS		
<b>Postal Code:</b>	60603		
<b>Entity Type:</b>	Association: UNITED STATES		
<b>PROPERTY NUMBERS Total: 230</b>			
<b>Property Type</b>	<b>Number</b>	<b>Word Mark</b>	
<b>Registration Number:</b>	4222486	ACTIVE HEEL	
<b>Registration Number:</b>	2009432	ALLEN	
<b>Registration Number:</b>	3982790	BOW	
<b>Registration Number:</b>	2636149	CARPA	
<b>Registration Number:</b>	3997488	C-FLEX	
<b>Registration Number:</b>	4143694	EASY CATCHER	
<b>Registration Number:</b>	3966502	EASY LOCK	
<b>Registration Number:</b>	2324481	HUG-U-VAC	
<b>Registration Number:</b>	5556436	L2P	
<b>Registration Number:</b>	4007795	LIFT-ASSIST	
<b>Registration Number:</b>	2213410	PAL	
<b>Registration Number:</b>	2787499	PAL PRO	
<b>Registration Number:</b>	2463590	PASSIONATE ABOUT POSITIONING	

OP \$5765.00 4222486

Property Type	Number	Word Mark
Registration Number:	2660042	TRI-CLAMP
Registration Number:	2602926	ULTRAFINS
Registration Number:	2654733	URO CATCHER
Registration Number:	2811752	VACU-FORM
Registration Number:	2811751	VACU-GEL
Registration Number:	2506398	YELLOFINS
Registration Number:	2480855	YELLOFINS
Serial Number:	88218071	YELLOFINS APEX
Serial Number:	88218240	S
Serial Number:	88289738	ACCELERATING CONNECTED CARE
Serial Number:	88289922	ACHIEVING CONNECTED CARE
Registration Number:	3814207	ACCUMAX
Registration Number:	2990532	ACTIVE INTEGRATED RESPONSE
Registration Number:	1543389	ACUCAIR
Registration Number:	1923687	ADVANCE
Serial Number:	88289577	ADVANCING CONNECTED CARE
Registration Number:	3796285	ADVANCED MICROCLIMATE
Registration Number:	3501811	AERO
Registration Number:	1797017	AFFINITY
Registration Number:	3058279	ART OF CARE
Registration Number:	3351932	ARTISAN
Registration Number:	3163597	ASSETADVANTAGE
Registration Number:	3485516	BACKSAVER FOWLER
Registration Number:	3531703	BACKSAVER FOWLER
Registration Number:	3386195	BOOST
Registration Number:	3004907	CAREASSIST
Registration Number:	3030364	CAREASSIST
Registration Number:	1846762	CENTURY CC
Registration Number:	5465798	CENTRELLA
Registration Number:	5466008	CENTRELLA
Registration Number:	1479168	CLINITRON
Registration Number:	1239269	CLINITRON
Registration Number:	1949410	CLINITRON AT HOME
Registration Number:	1900664	COMFORTLINE
Registration Number:	2486475	COMLINX
Registration Number:	4348952	CONFORMBACK
Registration Number:	4017309	COUGH PAUSE
Serial Number:	88138520	DIGITAL SAFETY NET

Property Type	Number	Word Mark
Registration Number:	2999004	DINING CHAIR
Registration Number:	1611266	DYNAMIC AIR THERAPY
Registration Number:	2599496	EASYGLIDE
Registration Number:	2736813	ELASTIMAX
Registration Number:	3854127	ENHANCING OUTCOMES FOR PATIENTS AND THEI
Registration Number:	5224290	ENVELLA
Registration Number:	3366708	ENVISION
Registration Number:	3032933	EXCEL AIR
Registration Number:	3042550	EXCEL CARE
Registration Number:	1445025	FLEXICAIR
Registration Number:	1594054	FLEXICAIR MC3
Registration Number:	2317066	FULLCHAIR
Serial Number:	87634447	GLR
Serial Number:	87904412	GLR
Registration Number:	2377914	GRAPHICAL CAREGIVER INTERFACE (GCI)
Registration Number:	3426817	HANDSFREE
Registration Number:	1371030	HILL-ROM
Registration Number:	3978415	HILL-ROM
Serial Number:	88289018	HILLROM
Serial Number:	88289026	HR
Serial Number:	88398177	HR HILLROM
Registration Number:	3929146	HOSPITAL BEDS FOR HUMANITY
Registration Number:	2727393	HYTEX BI-STRETCH
Registration Number:	2613967	I-BADGE
Serial Number:	87495113	ILLUMIGUIDE
Registration Number:	4871550	IMPACT TRACKER
Registration Number:	2655084	INTELLIDRIVE
Registration Number:	2371945	LINE-OF-SITE
Serial Number:	87879858	LINQ
Registration Number:	2301969	MAPP
Registration Number:	1611271	MAXIFLOAT
Registration Number:	3265682	METROPOLITAN
Registration Number:	4240055	MICROCLIMATE MANAGEMENT
Registration Number:	3562809	NANO AG+
Registration Number:	2247157	NAVICARE
Registration Number:	4200196	OBSTACLE DETECT
Registration Number:	2433799	ONESTEP
Registration Number:	3435851	ONESTEP

Property Type	Number	Word Mark
Registration Number:	2606905	ONESTEP
Registration Number:	3012182	OPERA
Registration Number:	2261577	POINT-OF-CARE
Registration Number:	2520483	PRIMA
Registration Number:	2396237	PRIMEAIRE
Registration Number:	1856227	PRO-2000
Registration Number:	4456181	PROGRESSA
Registration Number:	4429324	PROGRESSA
Registration Number:	4081474	PROGRESSIVE MOBILITY
Registration Number:	5355570	PROTECTING PATIENTS BY ANTICIPATING CARE
Registration Number:	3490235	QUICKSTUDY
Registration Number:	3886576	REMINDME
Registration Number:	2177286	RESIDENT
Registration Number:	2119444	RITE HITE
Registration Number:	2797856	ROOMBUILDER
Registration Number:	3734697	SAFE SKIN
Registration Number:	3904792	SAFEVIEW
Registration Number:	2322211	SHEARLESS PIVOT
Registration Number:	3403037	SHEARRELIEF
Registration Number:	4154049	SIDECOM
Registration Number:	4050581	SLIDEGUARD
Registration Number:	4440618	SMARTSYNC
Registration Number:	3094318	STEADFAST
Registration Number:	3346270	STOW AND GO
Registration Number:	1932222	SYNERGY
Registration Number:	3365706	THERAPY-ON-DEMAND
Registration Number:	4534381	TOTAL ROOM SOLUTION
Registration Number:	2160765	TOTALCARE
Registration Number:	3157939	TOTALCARE SPO2RT
Registration Number:	2617350	TOTALCARE SPO2RT
Registration Number:	1934805	TRACKSTAR
Registration Number:	2154050	TRANSTAR
Registration Number:	2451394	V-CUE
Registration Number:	2940863	VERSACARE
Registration Number:	3272767	VERSACARE A.I.R.
Serial Number:	87159365	WATCHCARE
Registration Number:	1773201	JAWACDAH
Registration Number:	1793017	JAWACDAH



<b>Property Type</b>	<b>Number</b>	<b>Word Mark</b>
<b>Registration Number:</b>	1761997	ACUITY
<b>Registration Number:</b>	3093839	ADVANCING FRONTLINE CARE
<b>Registration Number:</b>	2627397	ARDEN
<b>Registration Number:</b>	1564285	AUDIOSCOPE 3
<b>Registration Number:</b>	1301437	AUDIOSPECS
<b>Registration Number:</b>	1372338	AUTOSTEP
<b>Registration Number:</b>	2635127	BAINBRIDGE
<b>Registration Number:</b>	4337408	BEACON
<b>Registration Number:</b>	3267642	CARDIOPERFECT
<b>Registration Number:</b>	4813582	CARETEMP
<b>Registration Number:</b>	3309444	CONNEX
<b>Registration Number:</b>	5054180	ECOCUFF
<b>Registration Number:</b>	1782560	ELITE
<b>Registration Number:</b>	2042391	ENCORE
<b>Registration Number:</b>	1791478	EPISCOPE
<b>Registration Number:</b>	3462909	FLEXIPORT
<b>Registration Number:</b>	3071297	FLEXNET
<b>Registration Number:</b>	2954020	HPX
<b>Registration Number:</b>	2969722	HPX
<b>Registration Number:</b>	3879145	KLEENSPEC
<b>Registration Number:</b>	647923	KLEENSPEC
<b>Registration Number:</b>	2707512	MICROPAQ
<b>Registration Number:</b>	2441617	
<b>Registration Number:</b>	4763199	
<b>Registration Number:</b>	4007293	PARTNERCONNECT
<b>Registration Number:</b>	5050111	PERFECTEMP
<b>Registration Number:</b>	3921227	PERFECTLINK
<b>Registration Number:</b>	915533	PRE-GAGED
<b>Registration Number:</b>	1523389	PROPAQ
<b>Registration Number:</b>	4850112	SCALE-TRONIX
<b>Registration Number:</b>	1551695	SCALE-TRONIX 2001 SLINGSCALE
<b>Registration Number:</b>	1327608	SLINGSCALE
<b>Registration Number:</b>	2234698	SMARTCUF
<b>Registration Number:</b>	1197185	SOFSPEC
<b>Registration Number:</b>	2719839	SPOT VITAL SIGNS
<b>Registration Number:</b>	1141152	ST
<b>Registration Number:</b>	2738724	STOW-A-WEIGH
<b>Registration Number:</b>	3489339	SUREBP

Property Type	Number	Word Mark
Registration Number:	2419986	SURESIGHT
Registration Number:	1934067	SURETEMP
Registration Number:	5360296	TAGECG
Registration Number:	3027751	THE LODGE
Registration Number:	968723	TYCOS
Registration Number:	2639397	UNIVERSAL CONNECTIVITY
Registration Number:	2050446	VIDEOPATH
Registration Number:	1608069	WA
Registration Number:	742049	WELCH ALLYN
Registration Number:	1608891	WELCH ALLYN
Registration Number:	2713094	WELCH ALLYN
Registration Number:	5180299	WELCH ALLYN
Registration Number:	2115908	WELCH ALLYN
Registration Number:	2713093	WELCH ALLYN
Registration Number:	5180322	WELCH ALLYN
Registration Number:	3446848	WELCH ALLYN CONNEX
Registration Number:	5413689	WELCH ALLYN HOME
Registration Number:	5413690	WELCH ALLYN HOME
Registration Number:	5649977	TAGCONNECT
Serial Number:	87588151	CONNEX
Registration Number:	5491463	RETINAVUE
Serial Number:	87779606	MICROTYMP
Serial Number:	88348731	VERIGUARD
Serial Number:	88310732	SPOT
Serial Number:	88498163	PANOPTIC
Serial Number:	88498137	MACROVIEW
Registration Number:	0811773	BURDICK
Registration Number:	1345899	BURDICK
Registration Number:	2989028	ELI
Registration Number:	1503659	E-SCRIBE
Registration Number:	3266168	HEARTCENTRIX
Registration Number:	1827359	HSCRIBE
Registration Number:	1784660	M
Registration Number:	1514402	MORTARA
Registration Number:	2592510	Q-STRESS
Registration Number:	1704186	Q-TEL
Registration Number:	1431861	QUIK-TRACE
Registration Number:	1645395	QUINTON

Property Type	Number	Word Mark
Registration Number:	3448610	VERITAS
Registration Number:	1761202	X-SCRIBE
Registration Number:	4299671	VOALTÉ
Registration Number:	5320956	VOALTE
Registration Number:	4683112	VOALTE ME
Serial Number:	87580142	VOALTE H.A.I.A.
Serial Number:	87580175	VOALTE HEALTHCARE ARTIFICIAL INTELLIGENC
Registration Number:	4333642	VOALTE CONNECT
Registration Number:	4683111	REIMAGINE HEALTHCARE COMMUNICATION
Registration Number:	2049058	SENTECH MEDICAL SYSTEMS
Registration Number:	4840904	SENTECH
Registration Number:	4840900	SENTRY
Registration Number:	3827682	SOLO
Registration Number:	3967188	TRIDIEN
Registration Number:	4840899	AIR CHAIR
Registration Number:	3769574	MICROVENT TECHNOLOGY
Registration Number:	4128462	REACTIVE AIR
Registration Number:	4670516	SLEEP ASSURE
Registration Number:	4840902	STAGE IV
Registration Number:	4840903	THERA-TURN
Registration Number:	3858062	
Registration Number:	3828341	DURATEX
Registration Number:	3860566	ECONOTEX
Registration Number:	3860571	ULTRATEX
Registration Number:	3828342	VALUETEX
Serial Number:	87842244	EASY TOUCH
Serial Number:	87495350	EXPERIENCE POD

**CORRESPONDENCE DATA**

Fax Number: 8009144240

*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: 800-713-0755

Email: Michael.Violet@wolterskluwer.com, ECarrera@cahill.com

Correspondent Name: CT Corporation

Address Line 1: 4400 Easton Commons Way

Address Line 2: Suite 125

Address Line 4: Columbus, OHIO 43219

NAME OF SUBMITTER: Elaine Carrera







## RECORDATION FORM COVER SHEET TRADEMARKS ONLY

To the Director of the U. S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

**1. Name of conveying party(ies):**

- 1. Hill-Rom Holdings, Inc.
- 2. Hill-Rom, Inc.
- 3. Hill-Rom Services, Inc.
- 4. Allen Medical Systems, Inc.
- 5. Anodyne Medical Device, Inc.

- 6. Voalte, Inc.
- 7. Welch Allyn, Inc.

- Individual(s)                       Association  
 Partnership                       Limited Partnership  
 Corporation- State: 1. IN; 2. IN; 3. IN; 4. IN; 5. DE; 6. DE; 7. NY  
 Other \_\_\_\_\_

Citizenship (see guidelines) USA

Additional names of conveying parties attached?  Yes  No

**3. Nature of conveyance/Execution Date(s) :**

Execution Date(s) August 30, 2019

- Assignment                       Merger  
 Security Agreement                       Change of Name  
 Other \_\_\_\_\_

**2. Name and address of receiving party(ies)**

Additional names, addresses, or citizenship attached?  Yes  No

Name: JPMorgan Chase Bank, N.A.

Street Address: 10 South Dearborn, Floor L2, IL1-1145

City: Chicago

State: Illinois

Country: USA                      Zip: 60603

- Individual(s) Citizenship \_\_\_\_\_  
 Association Citizenship USA  
 Partnership Citizenship \_\_\_\_\_  
 Limited Partnership Citizenship \_\_\_\_\_  
 Corporation Citizenship \_\_\_\_\_  
 Other \_\_\_\_\_ Citizenship \_\_\_\_\_

If assignee is not domiciled in the United States, a domestic representative designation is attached:  Yes  No  
 (Designations must be a separate document from assignment)

**4. Application number(s) or registration number(s) and identification or description of the Trademark.**

A. Trademark Application No.(s)                      Text

See Schedule I

B. Trademark Registration No.(s)

See Schedule I

Additional sheet(s) attached?  Yes  No

C. Identification or Description of Trademark(s) (and Filing Date if Application or Registration Number is unknown):

**5. Name & address of party to whom correspondence concerning document should be mailed:**

Name: Elaine Carrera, Senior Paralegal

Internal Address: \_\_\_\_\_

Street Address: c/o Cahill Gordon & Reindel LLP  
80 Pine Street

City: New York

State: NY                      Zip: 10005

Phone Number: (212) 701-3365

Docket Number: \_\_\_\_\_

Email Address: ecarrera@cahill.com

**6. Total number of applications and registrations involved:**

231

7. Total fee (37 CFR 2.6(b)(6) & 3.41) \$ \_\_\_\_\_

- Authorized to be charged to deposit account  
 Enclosed

**8. Payment Information:**

Deposit Account Number \_\_\_\_\_

Authorized User Name \_\_\_\_\_

**9. Signature:**

Elaine Carrera  
 Signature

August 30, 2019

Date

Elaine Carrera

Name of Person Signing

Total number of pages including cover sheet, attachments, and document: 93

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:  
 Mail Stop Assignment Recordation Branch, Director of the USPTO, P.O. Box 1450, Alexandria, VA 22313-1450

## INTELLECTUAL PROPERTY SECURITY AGREEMENT

This INTELLECTUAL PROPERTY SECURITY AGREEMENT is entered into as of August 30, 2019, (as the same may be amended, restated, supplemented or otherwise modified from time to time, this "Agreement"), by the entities listed on the signature page hereto (each, a "Grantor") in favor of JPMorgan Chase Bank, N.A., a national banking association, in its capacity as collateral agent for itself and for the other Secured Parties (in such capacity, the "Agent").

Reference is made to that certain Pledge and Security Agreement, dated as of August 30, 2019 (as amended, restated, supplemented or otherwise modified from time to time and in effect on the date hereof, the "Security Agreement"), by and among the Loan Parties party thereto and the Agent, pursuant to which the Grantors (as defined under the Security Agreement) have granted a security interest to the Agent, on behalf of and for the benefit of the Secured Parties, in all of their right, title and interest, whether then owned or thereafter acquired, in the Collateral (including the Intellectual Property (as defined in the Security Agreement)) and are required to execute and deliver this Agreement. The Lenders (as defined in the Credit Agreement (as defined below)) have extended credit to the Borrowers (as defined in the Credit Agreement) subject to the terms and conditions set forth in that certain Credit Agreement, dated as of August 30, 2019 (as amended, restated, supplemented or otherwise modified from time to time and in effect on the date hereof, the "Credit Agreement"), by and among Hill-Rom Holdings, Inc., an Indiana corporation, as Lead Borrower, Welch Allyn, Inc., a New York corporation, as Co-Borrower, the lenders from time to time party thereto (the "Lenders") and the Agent, amongst others.

Consistent with the requirements set forth in the Security Agreement, the parties hereto agree as follows:

1. *Terms.* Capitalized terms used in this Agreement and not otherwise defined herein have the meanings specified in the Security Agreement.

2. *Grant of Security Interest.* Each Grantor, pursuant to the Security Agreement, hereby grants to the Agent, on behalf of and for the benefit of the Secured Parties, a security interest in all of its right, title and interest, whether now owned or hereafter acquired, in and to all of the following (collectively, the "IP Collateral"):

(A) all Trademarks, including those Trademark registrations and pending applications for Trademarks listed on Schedule I hereto;

(B) all Patents, including those issued Patents and pending applications for Patents listed on Schedule II hereto;

(C) all Copyrights, including those Copyright registrations listed on Schedule III; and

(D) all proceeds of the foregoing; provided that, notwithstanding the foregoing, IP Collateral shall expressly not include (and no security interest shall be granted hereunder in or to) any Excluded Property (as defined in the Credit Agreement), including any trademark applications filed in the United States Patent and Trademark Office on the basis of the applicant's intent-to-use such trademark unless and until evidence of use of the trademark has been filed with, and accepted by, the United States Patent and Trademark Office pursuant to Section 1(c) or Section 1(d) of the Lanham Act (15 U.S.C. § 1051, et seq.).

3. *Security Agreement.* The security interests granted to the Agent herein are granted in furtherance, and not in limitation of, the security interests granted to the Agent pursuant to the Security Agreement. Each Grantor hereby acknowledges and affirms that the rights and remedies of the Agent with respect to the IP Collateral are more fully set forth in the Security Agreement, the terms and provisions of which are hereby incorporated herein by reference as if fully set forth herein. In the event



of any conflict between the terms of this Agreement and the Security Agreement, the terms of the Security Agreement shall govern.

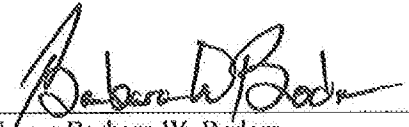
4. *Governing Law.* THIS AGREEMENT SHALL BE CONSTRUED IN ACCORDANCE WITH AND GOVERNED BY THE LAW OF THE STATE OF NEW YORK.

5. *Counterparts.* This Agreement may be executed in counterparts (and by different parties hereto in different counterparts), each of which shall constitute an original, but all of which when taken together shall constitute a single contract. Delivery of an executed counterpart of a signature page to this Agreement by facsimile, by email as a “.pdf” or any other electronic means that reproduces an image of the actual executed signature page shall be effective as delivery of a manually executed counterpart of this Agreement. The words “execution,” “signed,” “signature,” “delivery,” and words of like import in or relating to any document to be signed in connection with this Agreement and the transactions contemplated hereby shall be deemed to include Electronic Signatures, deliveries or the keeping of records in electronic form, each of which shall be of the same legal effect, validity or enforceability as a manually executed signature, physical delivery thereof or the use of a paper-based recordkeeping system, as the case may be, to the extent and as provided for in any applicable law, including the Federal Electronic Signatures in Global and National Commerce Act, the New York State Electronic Signatures and Records Act, or any other similar state laws based on the Uniform Electronic Transactions Act.


[Signature Page Follows]

IN WITNESS WHEREOF, the parties hereto have duly executed this Agreement as of the day and year first above written.

HILL-ROM HOLDINGS, INC.  
HILL-ROM, INC.  
HILL-ROM SERVICES, INC.  
ALLEN MEDICAL SYSTEMS, INC.  
ANODYNE MEDICAL DEVICE, INC.  
VOALTE, INC.  
WELCH ALLYN, INC.  
as Grantors

By:   
Name: Barbara W. Bodem  
Title: Senior Vice President and Chief Financial  
Officer

JPMORGAN CHASE BANK, N.A., as Collateral Agent

By:   
Name: Erik Barragan  
Title: Authorized Officer

**SCHEDULE I – TRADEMARKS**  
**SCHEDULE III - COPYRIGHTS**

**Allen Medical Systems - U.S. Trademarks and U.S. Trademark Applications:**

<u>Owner</u>	<u>Trademark Name</u>	<u>Status</u>	<u>Application Date</u>	<u>Application Number</u>	<u>Registration Date</u>	<u>Reg Number</u>
Allen Medical Systems, Inc.	ACTIVE HEEL	Registered	12/16/2010	85/199,486	10/9/2012	4,222,486
Allen Medical Systems, Inc.	ALLEN	Registered	12/9/1994	74/609,134	10/22/1996	2,009,432
Allen Medical Systems, Inc.	BOW	Registered	11/9/2010	85/172,160	6/21/2011	3,982,790
Allen Medical Systems, Inc.	CARPA	Registered	12/28/1999	75/881,059	10/15/2002	2,636,149
Allen Medical Systems, Inc.	C-FLEX	Registered	12/21/2010	85/202,859	7/19/2011	3,997,488
Allen Medical Systems, Inc.	EASY CATCHER	Registered	12/28/2010	85/206,449	5/15/2012	4,143,694
Allen Medical Systems, Inc.	EASY LOCK	Registered	12/17/2010	85/200,693	5/24/2011	3,966,502
Allen Medical Systems, Inc.	EASY TOUCH	Pending ITU	03/20/2018	87/842,244		
Allen Medical Systems, Inc.	HUG-U-VAC	Registered	04/16/1999	75/684,464	02/29/2000	2,324,481
Allen Medical Systems, Inc.	L2P	Registered	12/22/2016	87/278,773	09/04/2018	5,556,436
Allen Medical Systems, Inc.	LIFT-ASSIST	Registered	10/8/2010	85/148,239	8/2/2011	4,007,795
Allen Medical Systems, Inc.	PAL	Registered	4/2/1997	75/268,391	12/22/1998	2,213,410
Allen Medical Systems, Inc.	PAL PRO	Registered	3/2/2001	78/051,078	11/25/2003	2,787,499
Allen Medical Systems, Inc.	PASSIONATE ABOUT POSITIONING	Registered	2/4/2000	75/909,724	6/26/2001	2,463,590
Allen Medical Systems, Inc.	TRI-CLAMP	Registered	12/28/1999	75/881,060	12/10/2002	2,660,042
Allen Medical Systems, Inc.	ULTRAFINS	Registered	11/30/2000	78/037,245	7/30/2002	2,602,926
Allen Medical Systems, Inc.	URO CATCHER	Registered	12/28/1999	75/881,057	11/26/2002	2,654,733
Allen Medical Systems, Inc.	VACU-FORM	Registered	6/24/2002	78/138,189	2/3/2004	2,811,752
Allen Medical Systems, Inc.	VACU-GEL	Registered	6/24/2002	78/138,181	2/3/2004	2,811,751
Allen Medical Systems, Inc.	YELLOFINS	Registered	11/3/2000	76/158,397	11/13/2001	2,506,398
Allen Medical Systems, Inc.	YELLOFINS & Design	Registered	12/28/1999	75/881,061	8/21/2001	2,480,855
Allen Medical Systems, Inc.	YELLOFINS APEX	Pending ITU	12/05/2018	88/218,071		
Allen Medical Systems, Inc.	S (YELLOFINS APEX logo)	Pending ITU	12/05/2018	88/218,240		

Hill-Rom - U.S. Trademarks and U.S. Trademark Applications

Owner	Trademark Name	Status	Application Date	Application Number	Registration Date	Reg Number
Hill-Rom Services, Inc.	ACCELERATING CONNECTED CARE	Pending ITU	02/05/2019	88/289738		
Hill-Rom Services, Inc.	ACHIEVING CONNECTED CARE	Pending ITU	02/05/2019	88/289922		
Hill-Rom Services, Inc.	ACCUMAX	Registered	11/19/2009	77/876,338	7/6/2010	3,814,207
Hill-Rom Services, Inc.	ACTIVE INTEGRATED RESPONSE	Registered	12/24/2003	78/345,437	8/30/2005	2,990,532
Hill-Rom Services, Inc.	ACUCAIR	Registered	9/19/1988	73/752,704	6/13/1989	1,543,389
Hill-Rom Services, Inc.	ADVANCE	Registered	9/1/1994	74/568,638	10/3/1995	1,923,687
Hill-Rom Services, Inc.	ADVANCING CONNECTED CARE	Pending ITU	02/05/2019	88/289577		
Hill-Rom Services, Inc.	ADVANCED MICROCLIMATE	Registered	4/3/2008	77/439,303	6/1/2010	3,796,285
Hill-Rom Services, Inc.	AERO	Registered	2/13/2004	78/367,689	9/16/2008	3,501,811
Hill-Rom Services, Inc.	AFFINITY	Registered	9/9/1991	74/201,584	10/5/1993	1,797,017
Hill-Rom Services, Inc.	ART OF CARE	Registered	9/3/2004	78/478,487	2/7/2006	3,058,279
Hill-Rom Services, Inc.	ARTISAN	Registered	2/12/2004	78/367,181	12/11/2007	3,351,932
Hill-Rom Services, Inc.	ASSETADVANTAGE	Registered	7/21/2004	78/454,054	10/24/2006	3,163,597
Hill-Rom Services, Inc.	BACKSAVER FOWLER	Registered	10/11/2006	77/018,851	8/12/2008	3,485,516
Hill-Rom Services, Inc.	BACKSAVER FOWLER & Design	Registered	3/12/2007	77/128,473	11/11/2008	3,531,703
Hill-Rom Services, Inc.	BOOST	Registered	11/4/2003	78/323,082	2/19/2008	3,386,195
Hill-Rom Services, Inc.	CAREASSIST	Registered	2/13/2003	78/214,518	10/4/2005	3,004,907
Hill-Rom Services, Inc.	CAREASSIST	Registered	2/9/2004	78/365,149	12/13/2005	3,030,364
Hill-Rom Services, Inc.	CENTURY CC	Registered	9/20/1993	74/437,485	7/26/1994	1,846,762
Hill-Rom Services, Inc.	CENTRELLA	Registered	03/03/2017	87/357,966	05/08/2018	5,465,798
Hill-Rom Services, Inc.	CENTRELLA	Registered	04/11/2017	87/407,023	05/08/2018	5,466,008
Hill-Rom Services, Inc.	CLINITRON	Registered	7/22/1987	73/673,812	3/1/1988	1,479,168
Hill-Rom Services, Inc.	CLINITRON	Registered	12/3/1981	73/339,849	5/24/1983	1,239,269
Hill-Rom Services, Inc.	CLINITRON AT HOME	Registered	9/28/1993	74/441,075	1/16/1996	1,949,410
Hill-Rom Services, Inc.	COMFORTLINE	Registered	1/24/1994	74/482,059	6/20/1995	1,900,664
Hill-Rom Services, Inc.	COMLINX	Registered	2/25/1998	75/440,250	9/11/2001	2,486,475

Hill-Rom Services, Inc.	CONFORMBACK	Registered	4/18/2012	85/601,207	6/11/2013	4,348,952
Hill-Rom Services, Inc.	COUGH PAUSE	Registered	8/5/2010	85/101,014	8/23/2011	4,017,309
Hill-Rom Services, Inc.	DIGITAL SAFETY NET	Pending ITU	10/01/2018	88/138,520		
Hill-Rom Services, Inc.	DINING CHAIR	Registered	7/31/2003	78/281,478	9/20/2005	2,999,004
Hill-Rom Services, Inc.	DYNAMIC AIR THERAPY	Registered	7/28/1989	73/817,197	8/28/1990	1,611,266
Hill-Rom Services, Inc.	EASYGLIDE	Registered	7/21/2000	78/017,825	7/23/2002	2,599,496
Hill-Rom Services, Inc.	ELASTIMAX	Registered	9/5/2002	78/161,190	7/15/2003	2,736,813
Hill-Rom Services, Inc.	ENHANCING OUTCOMES FOR PATIENTS AND THEIR CAREGIVERS	Registered	6/1/2007	77/195,720	9/28/2010	3,854,127
Hill-Rom Services, Inc.	ENVELLA	Registered	3/30/2016	86/958,630	6/13/2017	5,224,290
Hill-Rom Services, Inc.	ENVISION	Registered	5/11/2005	78/628,175	1/8/2008	3,366,708
Hill-Rom Services, Inc.	EXCEL AIR	Registered	12/29/2003	78/346,224	12/20/2005	3,032,933
Hill-Rom Services, Inc.	EXCEL CARE	Registered	10/22/2003	78/317,262	1/10/2006	3,042,550
Hill-Rom Services, Inc.	EXPERIENCE POD	Pending ITU	06/19/2017	87/495,350		
Hill-Rom Services, Inc.	FLEXICAIR	Registered	11/24/1986	73/632,265	6/30/1987	1,445,025
Hill-Rom Services, Inc.	FLEXICAIR MC3	Registered	7/31/1989	73/815,849	5/1/1990	1,594,054
Hill-Rom Services, Inc.	FULLCHAIR	Registered	10/6/1997	75/368,147	2/8/2000	2,317,066
Hill-Rom Services, Inc.	GLR	Pending ITU	10/05/2017	87/634,447		
Hill-Rom Services, Inc.	GLR	Pending ITU	05/02/2018	87/904,412		
Hill-Rom Services, Inc.	GRAPHICAL CAREGIVER INTERFACE (GCI)	Registered	10/6/1997	75/368,148	8/15/2000	2,377,914
Hill-Rom Services, Inc.	HANDSFREE	Registered	10/25/2005	78/740,071	5/13/2008	3,426,817
Hill-Rom Services, Inc.	HILL-ROM	Registered	7/27/1984	73/492,137	11/19/1985	1,371,030
Hill-Rom Services, Inc.	HILL-ROM & Design	Registered	7/27/2007	77/240,356	6/14/2011	3,978,415
Hill-Rom Services, Inc.	HILLROM	Pending ITU	02/05/2019	88/289,018		
Hill-Rom Services, Inc.	HR (Logo)	Pending ITU	02/05/2019	88/289,026		
Hill-Rom Services, Inc.	HR HILLROM and Design	Pending ITU	04/23/2019	88/398,177		
Hill-Rom Services, Inc.	HOSPITAL BEDS FOR HUMANITY	Registered	4/17/2009	77/716,453	3/8/2011	3,929,146
Hill-Rom Services, Inc.	HYTEX BI-STRETCH	Registered	6/19/1998	75/505,648	6/17/2003	2,727,393

Hill-Rom Services, Inc.	I-BADGE	Registered	6/9/2000	76/065,849	9/3/2002	2,613,967
Hill-Rom Services, Inc.	ILLUMIGUIDE	Pending ITU	06/19/2017	87/495,113		
Hill-Rom Services, Inc.	IMPACT TRACKER	Registered	7/28/2014	86/350,253	12/15/2015	4,871,550
Hill-Rom Services, Inc.	INTELLIDRIVE	Registered	7/3/2001	78/072,187	11/26/2002	2,655,084
Hill-Rom Services, Inc.	LINE-OF-SITE	Registered	10/6/1997	75/368,142	8/1/2000	2,371,945
Hill-Rom Services, Inc.	LINQ	Pending ITU	04/17/2018	87/879858		
Hill-Rom Services, Inc.	MAPP	Registered	9/29/1998	75/561,581	12/21/1999	2,301,969
Hill-Rom Services, Inc.	MAXIFLOAT	Registered	11/16/1989	74/001,445	8/28/1990	1,611,271
Hill-Rom Services, Inc.	METROPOLITAN	Registered	2/12/2004	78/367,076	7/17/2007	3,265,682
Hill-Rom Services, Inc.	MICROCLIMATE MANAGEMENT	Registered	1/12/2011	85/215,877	11/13/2012	4,240,055
Hill-Rom Services, Inc.	NANO AG+	Registered	3/20/2008	77/427,151	1/13/2009	3,562,809
Hill-Rom Services, Inc.	NAVICARE	Registered	7/25/1997	75/330,564	5/25/1999	2,247,157
Hill-Rom Services, Inc.	OBSTACLE DETECT	Registered	4/6/2011	85/287,856	8/28/2012	4,200,196
Hill-Rom Services, Inc.	ONESTEP	Registered	10/6/1997	75/368,146	3/6/2001	2,433,799
Hill-Rom Services, Inc.	ONESTEP	Registered	10/29/2007	77/315,802	5/27/2008	3,435,851
Hill-Rom Services, Inc.	ONESTEP	Registered	11/30/2000	76/172,975	8/13/2002	2,606,905
Hill-Rom Services, Inc.	OPERA	Registered	2/12/2004	78/367,372	11/1/2005	3,012,182
Hill-Rom Services, Inc.	POINT-OF-CARE	Registered	10/6/1997	75/368,133	7/13/1999	2,261,577
Hill-Rom Services, Inc.	PRIMA	Registered	2/25/1998	75/440,089	12/18/2001	2,520,483
Hill-Rom Services, Inc.	PRIMEAIRE	Registered	3/23/1998	75/455,167	10/17/2000	2,396,237
Hill-Rom Services, Inc.	PRO-2000	Registered	10/19/1992	74/323,729	9/27/1994	1,856,227
Hill-Rom Services, Inc.	PROGRESSA	Registered	8/30/2012	85/717,572	12/24/2013	4,456,181
Hill-Rom Services, Inc.	PROGRESSA	Registered	12/20/2011	85/499,825	11/5/2013	4,429,324
Hill-Rom Services, Inc.	PROGRESSIVE MOBILITY	Registered	12/22/2010	85/203,804	1/3/2012	4,081,474
Hill-Rom Services, Inc.	PROTECTING PATIENTS BY ANTICIPATING CARE	Registered	8/24/2015	86/735,055	12/12/2017	5,355,570
Hill-Rom Services, Inc.	QUICKSTUDY	Registered	5/11/2005	78/628,195	8/19/2008	3,490,235
Hill-Rom Services, Inc.	REMINDME	Registered	3/14/2007	77/130,997	12/7/2010	3,886,576
Hill-Rom Services, Inc.	RESIDENT	Registered	6/7/1996	75/115,600	7/28/1998	2,177,286

Hill-Rom Services, Inc.	RITE HITE	Registered	10/2/1996	75/175,841	12/9/1997	2,119,444
Hill-Rom Services, Inc.	ROOMBUILDER	Registered	2/10/2003	78/213,021	12/23/2003	2,797,856
Hill-Rom Services, Inc.	SAFE SKIN	Registered	10/23/2007	77/311,170	1/5/2010	3,734,697
Hill-Rom Services, Inc.	SAFEVIEW	Registered	9/18/2008	77/573,190	1/11/2011	3,904,792
Hill-Rom Services, Inc.	SHEARLESS PIVOT	Registered	10/6/1997	75/368,145	2/22/2000	2,322,211
Hill-Rom Services, Inc.	SHEARRELIEF	Registered	5/11/2005	78/628,180	3/25/2008	3,403,037
Hill-Rom Services, Inc.	SIDECOM	Registered	10/12/2011	85/445,555	6/5/2012	4,154,049
Hill-Rom Services, Inc.	SLIDEGUARD	Registered	10/11/2010	85/149,683	11/1/2011	4,050,581
Hill-Rom Services, Inc.	SMARTSYNC	Registered	5/9/2011	85/315,958	11/26/2013	4,440,618
Hill-Rom Services, Inc.	STEADFAST	Registered	11/11/2004	78/515,600	5/16/2006	3,094,318
Hill-Rom Services, Inc.	STOW AND GO	Registered	7/28/2006	78/939,632	11/27/2007	3,346,270
Hill-Rom Services, Inc.	SYNERGY	Registered	1/18/1994	74/480,467	10/31/1995	1,932,222
Hill-Rom Services, Inc.	THERAPY-ON-DEMAND	Registered	1/24/2006	78/798,136	1/8/2008	3,365,706
Hill-Rom Services, Inc.	TOTAL ROOM SOLUTION	Registered	11/26/2012	85/786,740	5/20/2014	4,534,381
Hill-Rom Services, Inc.	TOTALCARE	Registered	8/4/1995	74/710,932	5/26/1998	2,160,765
Hill-Rom Services, Inc.	TOTALCARE SPO2RT	Registered	11/8/2005	78/749,020	10/17/2006	3,157,939
Hill-Rom Services, Inc.	TOTALCARE SPO2RT & Design	Registered	3/20/2001	76/227,415	9/10/2002	2,617,350
Hill-Rom Services, Inc.	TRACKSTAR	Registered	4/14/1994	74/512,604	11/14/1995	1,934,805
Hill-Rom Services, Inc.	TRANSTAR	Registered	9/28/1995	74/735,659	4/28/1998	2,154,050
Hill-Rom Services, Inc.	V-CUE	Registered	6/30/1998	75/512,198	5/15/2001	2,451,394
Hill-Rom Services, Inc.	VERSACARE	Registered	7/22/2003	78/277,513	4/12/2005	2,940,863
Hill-Rom Services, Inc.	VERSACARE A.I.R.	Registered	12/24/2003	78/345,425	7/31/2007	3,272,767
Hill-Rom Services, Inc.	WATCHCARE	Pending ITU	09/02/2016	87/159,365		
Hill-Rom Holdings, Inc.	JAWACDAH	Registered	07/11/1991	74/183,862	05/25/1993	1,773,201
Hill-Rom Holdings, Inc.	JAWACDAH	Registered	01/19/1993	74/350,688	09/14/1993	1,793,017



**Welch Allyn Intellectual Property Schedules**  
**Welch Allyn - U.S. Trademarks and U.S. Trademark Applications:**

<u>Owner</u>	<u>Trademark Name</u>	<u>Status</u>	<u>Application Number</u>	<u>Filing Date</u>	<u>Reg Number</u>	<u>Reg Date</u>
Welch Allyn, Inc.	ACUITY	Registered	74/200,265	8/29/1991	1,761,997	3/30/1993
Welch Allyn, Inc.	ADVANCING FRONTLINE CARE	Registered	78/280,075	7/29/2003	3,093,839	5/16/2006
Welch Allyn, Inc.	ARDEN	Registered	76/147,412	10/16/2000	2,627,397	10/1/2002
Welch Allyn, Inc.	AUDIOSCOPE 3 (Stylized)	Registered	73/721,512	4/11/1988	1,564,285	11/7/1989
Welch Allyn, Inc.	AUDIOSPECS (Stylized)	Registered	73/443,922	9/15/1983	1,301,437	10/23/1984
Welch Allyn, Inc.	AUTOSTEP	Registered	73/498,133	9/6/1984	1,372,338	11/26/1985
Welch Allyn, Inc.	Bainbridge	Registered	76/358,779	1/14/2002	2,635,127	10/15/2002
Welch Allyn, Inc.	BEACON	Registered	85/602,209	4/19/2012	4,337,408	5/21/2013
Welch Allyn, Inc.	CARDIOPERFECT	Registered	77/065,149	12/15/2006	3,267,642	7/24/2007
Welch Allyn, Inc.	CARETEMP	Registered	86/140,348	12/11/2013	4,813,582	9/15/2015
Welch Allyn, Inc.	CONNEX	Registered	78/803,432	1/31/2006	3,309,444	10/9/2007
Welch Allyn, Inc.	ECOCUFF	Published	86/919,229	2/25/2016	5054180	10/4/2016
Welch Allyn, Inc.	ELITE	Registered	74/299,716	7/31/1992	1,782,560	7/20/1993
Welch Allyn, Inc.	ENCORE	Registered	74/680,705	5/26/1995	2,042,391	3/4/1997
Welch Allyn, Inc.	EPISCOPE	Registered	74/312,753	9/11/1992	1,791,478	9/7/1993
Welch Allyn, Inc.	FLEXIPOINT	Registered	77/005,277	9/22/2006	3,462,909	7/8/2008
Welch Allyn, Inc.	FLEXNET	Registered	75/934,706	3/3/2000	3,071,297	3/21/2006
Welch Allyn, Inc.	HPX	Registered	76/053,293	5/22/2000	2,954,020	5/24/2005
Welch Allyn, Inc.	HPX	Registered	78/138,254	6/24/2002	2,969,722	7/19/2005
Welch Allyn, Inc.	KLEENSPEC	Registered	77/966,840	3/24/2010	3,879,145	11/23/2010
Welch Allyn, Inc.	KLEEN-SPEC	Registered	72/016,642	9/28/1956	647,923	7/2/1957
Welch Allyn, Inc.	MICROPAQ	Registered	76/052,390	5/18/2000	2,707,512	4/15/2003
Welch Allyn, Inc.	Misc. Design (Dog/Cat)	Registered	75/772,602	8/10/1999	2,441,617	4/3/2001
Welch Allyn, Inc.	Ophthalmoscope – Product Configuration for (Design)	Registered	86/290,111	5/23/2014	4,763,199	6/30/2015
Welch Allyn, Inc.	PARTNERCONNECT	Registered	85/047,461	5/25/2010	4,007,293	8/2/2011
Welch Allyn, Inc.	PERFECTEMP	Registered	86/147,260	12/18/2013	5,050,111	9/27/2016
Welch Allyn, Inc.	PERFECTLINK	Registered	85/025,014	4/28/2010	3,921,227	2/15/2011
Welch Allyn, Inc.	Pre-Gaged	Registered	72/356,750	4/13/1970	915,533	6/22/1971
Welch Allyn, Inc.	PROPAQ	Registered	73/737,444	6/30/1988	1,523,389	2/7/1989
Welch Allyn, Inc.	SCALE-TRONIX	Registered	86/566,205	3/17/2015	4,850,112	11/10/2015
Welch Allyn, Inc.	SCALE-TRONIX 2001 SLINGSCALE	Registered	73/740,673	7/18/1988	1,551,695	8/15/1989
Welch Allyn, Inc.	SLINGSCALE	Registered	73/449,033	10/21/1983	1,327,608	3/26/1985
Welch Allyn, Inc.	SMARTCUF	Registered	75/135,357	7/17/1996	2,234,698	3/23/1999

<u>Owner</u>	<u>Trademark Name</u>	<u>Status</u>	<u>Application Number</u>	<u>Filing Date</u>	<u>Reg Number</u>	<u>Reg Date</u>
Welch Allyn, Inc.	SofSpec Stylized	Registered	73/313,215	6/4/1981	1,197,185	6/8/1982
Welch Allyn, Inc.	SPOT VITAL SIGNS	Registered	76/216,836	2/27/2001	2,719,839	5/27/2003
Welch Allyn, Inc.	ST	Registered	73/218,270	6/4/1979	1,141,152	11/4/1980
Welch Allyn, Inc.	STOW-A-WEIGH	Registered	76/374,352	2/21/2002	2,738,724	7/15/2003
Welch Allyn, Inc.	SUREBP	Registered	77/065,422	12/15/2006	3,489,339	8/19/2008
Welch Allyn, Inc.	SURESIGHT	Registered	75/671,008	3/30/1999	2,419,986	1/9/2001
Welch Allyn, Inc.	SURETEMP	Registered	74/487,689	2/7/1994	1,934,067	11/7/1995
Welch Allyn, Inc.	TAGECG	Registered	86/408,887	9/29/2014	5,360,296	12/19/2017
Welch Allyn, Inc.	THE LODGE & Design	Registered	78/473,075	8/25/2004	3,027,751	12/13/2005
Welch Allyn, Inc.	TYCOS	Registered	72/425,552	6/19/1972	968,723	9/18/1973
Welch Allyn, Inc.	Universal Connectivity	Registered	76/358,780	1/14/2002	2,639,397	10/22/2002
Welch Allyn, Inc.	VIDEOPATH	Registered	75/023,252	11/22/1995	2,050,446	4/8/1997
Welch Allyn, Inc.	WA (Stylized)	Registered	73/786,411	3/13/1989	1,608,069	7/31/1990
Welch Allyn, Inc.	WELCH ALLYN	Registered	72/122,580	6/21/1961	742,049	12/11/1962
Welch Allyn, Inc.	WELCH ALLYN	Registered	73/786,410	3/13/1989	1,608,891	8/7/1990
Welch Allyn, Inc.	WELCH ALLYN	Registered	76/378,304	3/4/2002	2,713,094	5/6/2003
Welch Allyn, Inc.	WELCH ALLYN	Registered	87/142,498	8/18/2016	5,180,299	4/11/2017
Welch Allyn, Inc.	WELCH ALLYN (Stylized)	Registered	75/188,224	10/28/1996	2,115,908	11/25/1997
Welch Allyn, Inc.	WELCH ALLYN (Stylized)	Registered	76/378,303	3/4/2002	2,713,093	5/6/2003
Welch Allyn, Inc.	WELCH ALLYN (Stylized)	Registered	87/142,782	8/18/2016	5,180,322	4/11/2017
Welch Allyn, Inc.	WELCH ALLYN CONNEX	Registered	78/876,666	5/4/2006	3,446,848	6/10/2008
Welch Allyn, Inc.	WELCH ALLYN HOME	Registered	87/108,890	7/19/2016	5,413,689	02/27/2018
Welch Allyn, Inc.	Welch Allyn Home	Registered	87/108,899	7/19/2016	5,413,690	02/27/2018
Welch Allyn, Inc.	TAGCONNECT	Registered	87/392458	03/30/2017	5,649,977	01/08/2019
Welch Allyn, Inc.	CONNEX	Application Pending ITU	87/588151	08/29/2017		
Welch Allyn, Inc.	RETINAVUE	Registered	87/668332	11/01/2017	5,491,463	06/12/2018
Welch Allyn, Inc.	MICROTYMP	Application Pending ITU	87/779606	02/01/2018		
Welch Allyn, Inc.	VERIGUARD	Application Pending ITU	88/348731	03/20/2019		
Welch Allyn, Inc.	SPOT	Application Pending	88/310732	02/21/2019		
Welch Allyn, Inc.	PANOPTIC	Application Pending	88/498,163	07/02/2019		
Welch Allyn, Inc.	MACROVIEW	Application Pending	88/498,137	07/02/2019		



Mortara - U.S. Trademarks and U.S. Trademark Applications:

<u>Owner</u>	<u>Trademark Name</u>	<u>Status</u>	<u>Application Number</u>	<u>Filing Date</u>	<u>Reg Number</u>	<u>Reg Date</u>
Welch Allyn, Inc.	BURDICK	Registered	72/227,921	9/16/1965	0,811,773 <sup>1</sup>	7/26/1966
Welch Allyn, Inc.	BURDICK	Registered	73/465,846	2/15/1984	1,345,899 <sup>2</sup>	7/2/1985
Welch Allyn, Inc.	ELI	Registered	78/332,255	11/24/2003	2,989,028 <sup>3</sup>	8/30/2005
Welch Allyn, Inc.	E-SCRIBE	Registered	73/672,300	7/16/1987	1,503,659 <sup>4</sup>	9/13/1988
Welch Allyn, Inc.	HEARTCENTRIX	Registered	78/701,618	8/26/2005	3,266,168 <sup>5</sup>	7/17/2007
Welch Allyn, Inc.	HSCRIBE	Registered	74/376,623	4/8/1993	1,827,359 <sup>6</sup>	3/22/1994
Welch Allyn, Inc.	MDESIGN	Registered	74/029,362	2/15/1990	1,784,660 <sup>7</sup>	7/27/1993
Welch Allyn, Inc.	MORTARA AND DESIGN	Registered	73/681,125	8/28/1987	1,514,402 <sup>8</sup>	11/29/1988
Welch Allyn, Inc.	Q-STRESS	Registered	76/021,152	4/10/2000	2,592,510 <sup>9</sup>	7/9/2002

<sup>1</sup> This registration is recorded in the name of Mortara Instrument, Inc., which converted to an LLC in 2017. Mortara Instrument, LLC was merged into Welch Allyn, Inc. in 2018. The Company is in the process of filing the supporting conversion and merger documents with the USPTO to reflect Welch Allyn, Inc. as the record owner.

<sup>2</sup> This registration is recorded in the name of Mortara Instrument, Inc., which converted to an LLC in 2017. Mortara Instrument, LLC was merged into Welch Allyn, Inc. in 2018. The Company is in the process of filing the supporting conversion and merger documents with the USPTO to reflect Welch Allyn, Inc. as the record owner.

<sup>3</sup> This registration is recorded in the name of Mortara Instrument, Inc., which converted to an LLC in 2017. Mortara Instrument, LLC was merged into Welch Allyn, Inc. in 2018. The Company is in the process of filing the supporting conversion and merger documents with the USPTO to reflect Welch Allyn, Inc. as the record owner.

<sup>4</sup> This registration is recorded in the name of Mortara Instrument, Inc., which converted to an LLC in 2017. Mortara Instrument, LLC was merged into Welch Allyn, Inc. in 2018. The Company is in the process of filing the supporting conversion and merger documents with the USPTO to reflect Welch Allyn, Inc. as the record owner.

<sup>5</sup> This registration is recorded in the name of Mortara Instrument BV and the Company is in the process of taking steps to update record title for this registration to reflect Welch Allyn, Inc. as the record owner.

<sup>6</sup> This registration is recorded in the name of Mortara Instrument, Inc., which converted to an LLC in 2017. Mortara Instrument, LLC was merged into Welch Allyn, Inc. in 2018. The Company is in the process of filing the supporting conversion and merger documents with the USPTO to reflect Welch Allyn, Inc. as the record owner.

<sup>7</sup> This registration is recorded in the name of Mortara Instrument, Inc., which converted to an LLC in 2017. Mortara Instrument, LLC was merged into Welch Allyn, Inc. in 2018. The Company is in the process of filing the supporting conversion and merger documents with the USPTO to reflect Welch Allyn, Inc. as the record owner.

<sup>8</sup> This registration is recorded in the name of Mortara Instrument, Inc., which converted to an LLC in 2017. Mortara Instrument, LLC was merged into Welch Allyn, Inc. in 2018. The Company is in the process of filing the supporting conversion and merger documents with the USPTO to reflect Welch Allyn, Inc. as the record owner.

<sup>9</sup> This registration is recorded in the name of Mortara Instrument, Inc., which converted to an LLC in 2017. Mortara Instrument, LLC was merged into Welch Allyn, Inc. in 2018. The Company is in the process of filing the supporting conversion and merger documents with the USPTO to reflect Welch Allyn, Inc. as the record owner.

<u>Owner</u>	<u>Trademark Name</u>	<u>Status</u>	<u>Application Number</u>	<u>Filing Date</u>	<u>Reg Number</u>	<u>Reg Date</u>
Welch Allyn, Inc.	Q-TEL	Registered	74/091,646	8/27/1990	1,704,186 <sup>10</sup>	7/28/1992
Welch Allyn, Inc.	QUIK-TRACE	Registered	73/523,319	2/21/1995	1,431,861 <sup>11</sup>	3/10/1987
Welch Allyn, Inc.	QUINTON	Registered	74/076,444	7/7/1990	1,645,395 <sup>12</sup>	8/21/1991
Welch Allyn, Inc.	VERITAS	Registered	77/299,589	10/9/2007	3,448,610 <sup>13</sup>	6/17/2008
Welch Allyn, Inc.	X-SCRIBE	Registered	74/076,923	7/9/1990	1,761,202 <sup>14</sup>	3/30/1993

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<sup>10</sup> This registration is recorded in the name of Mortara Instrument, Inc., which converted to an LLC in 2017. Mortara Instrument, LLC was merged into Welch Allyn, Inc. in 2018. The Company is in the process of filing the supporting conversion and merger documents with the USPTO to reflect Welch Allyn, Inc. as the record owner.

<sup>11</sup> This registration is recorded in the name of Mortara Instrument, Inc., which converted to an LLC in 2017. Mortara Instrument, LLC was merged into Welch Allyn, Inc. in 2018. The Company is in the process of filing the supporting conversion and merger documents with the USPTO to reflect Welch Allyn, Inc. as the record owner.

<sup>12</sup> This registration is recorded in the name of Mortara Instrument BV and the Company is in the process of taking steps to update record title for this registration to reflect Welch Allyn, Inc. as the record owner.

<sup>13</sup> This registration is recorded in the name of Mortara Instrument, Inc., which converted to an LLC in 2017. Mortara Instrument, LLC was merged into Welch Allyn, Inc. in 2018. The Company is in the process of filing the supporting conversion and merger documents with the USPTO to reflect Welch Allyn, Inc. as the record owner.

<sup>14</sup> This registration is recorded in the name of Mortara Instrument, Inc., which converted to an LLC in 2017. Mortara Instrument, LLC was merged into Welch Allyn, Inc. in 2018. The Company is in the process of filing the supporting conversion and merger documents with the USPTO to reflect Welch Allyn, Inc. as the record owner.

Voalte, Inc. - U.S. Trademarks and U.S. Trademark Applications:

<u>Owner</u>	<u>Trademark Name</u>	<u>Status</u>	<u>Application Date</u>	<u>Application Number</u>	<u>Registration Date</u>	<u>Reg Number</u>
Voalte, Inc.	VOALTE	Registered	03/17/2010	77/961,288	03/12/2013	4,299,671
Voalte, Inc.	VOALTE	Registered	10/25/2016	87/214,631	10/31/2017	5,320,956
Voalte, Inc.	VOALTE ME	Registered	04/23/2014	76/716,228	02/10/2015	4,683,112
Voalte, Inc.	VOALTE H.A.I.A.	Pending ITU	08/23/2017	87/580,142		
Voalte, Inc.	VOALTE HEALTHCARE ARTIFICIAL INTELLIGENCE ASSISTANT	Pending ITU	08/23/2017	87/580,175		
Voalte, Inc.	VOALTE CONNECT	Registered	02/21/2012	85/548,537	05/14/2013	4,333,642
Voalte, Inc.	REIMAGINE HEALTHCARE COMMUNICATION	Registered	04/07/2014	76/716,149	02/10/2015	4,683,111

*Anodyne Medical Device, Inc. - U.S. Trademarks and U.S. Trademark Applications:*

<u>Owner</u>	<u>Trademark Name</u>	<u>Status</u>	<u>Application Date</u>	<u>Application Number</u>	<u>Registration Date</u>	<u>Reg Number</u>
Anodyne Medical Device, Inc.	SENTECH MEDICAL SYSTEMS	Registered	04/22/1996	75/092,594	04/01/1997	2,049,058
Anodyne Medical Device, Inc.	SENTECH	Registered	03/13/2015	86/564,041	10/27/2015	4,840,904
Anodyne Medical Device, Inc.	SENTRY	Registered	03/13/2015	86/564,027	10/27/2015	4,840,900
Anodyne Medical Device, Inc.	SOLO	Registered	12/22/2009	77/898,835	08/03/2010	3,827,682
Anodyne Medical Device, Inc.	TRIDIEN	Registered	12/22/2009	77/899,279	05/24/2011	3,967,188
Anodyne Medical Device, Inc.	AIR CHAIR	Registered	03/13/2015	86/564,022	10/27/2015	4,840,899
Anodyne Medical Device, Inc.	MICROVENT TECHNOLOGY	Registered	09/01/2009	77/817,334	03/30/2010	3,769,574
Anodyne Medical Device, Inc.	REACTIVE AIR	Registered	08/08/2011	85/391,847	04/17/2012	4,128,462
Anodyne Medical Device, Inc.	SLEEP ASSURE	Registered	05/13/2014	86/279,431	01/13/2015	4,670,516
Anodyne Medical Device, Inc.	STAGE IV	Registered	03/13/2015	86/564,030	10/27/2015	4,840,902
Anodyne Medical Device, Inc.	THERA-TURN	Registered	03/13/2015	86/564,034	10/27/2015	4,840,903
Anodyne Medical Device, Inc.	Design Only	Registered	09/01/2009	77/817,149	10/05/2010	3,858,062
Anodyne Medical Device, Inc.	DURATEX	Registered	02/03/2010	77/926,625	08/03/2010	3,828,341
Anodyne Medical Device, Inc.	ECONOTEX	Registered	03/08/2010	77/982,904	10/12/2010	3,860,566
Anodyne Medical Device, Inc.	ULTRATEX	Registered	03/08/2010	77/952,977	10/12/2010	3,860,571
Anodyne Medical Device, Inc.	VALUETEX	Registered	02/03/2010	77/926,647	08/03/2010	3,828,342

**Welch Allyn - Copyright Registrations and Applications:**

<u>Owner</u>	<u>Copyright Title</u>	<u>Registration No.</u>	<u>Registration Date</u>
Welch Allyn, inc.	The New Halogen Coaxial ophthalmoscope	TX0001006167	1982-08-27
Welch Allyn, inc.	A Guide to the use of diagnostic instruments in eye, ear, nose, and throat examinations.	TX0001006166	1982-08-27
Welch Allyn, inc.	Welch Allyn diagnostic instruments	TX0001021430	1982-09-03
Welch Allyn, inc.	The Welch Allyn spirometry workbook	TX0002868186	1990-06-25
Welch Allyn, inc.	A Guide to the use of diagnostic instruments in eye, ear, nose, and throat examinations.	TX0003195357	1991-11-18
Welch Allyn, inc. and C. Paul Liberatore	Enablement Model	TXu001832766	2012-10-04
Welch Allyn, inc.	Welch Allyn Diagnostic instrument catalog: the world's most advanced diagnostic instruments.	CSN0045780	1982
Welch Allyn, inc.	Welch Allyn Diagnostic instrument catalog: the world's most advanced diagnostic instruments, Jun82.	TX0001006165	1982-08-27
Welch Allyn, inc.	HealthInterlink Beacon	TX0007814543	2013-11-08
Welch Allyn, inc.	Cellular one asset management equipment life cycle system (CAMELS)	TX0002529674	1989-03-24
Welch Allyn, inc.	Printing management information system (PRIMIS)	TX0002530827	1989-02-27
Welch Allyn, inc.	Shop floor controls program	TX0002281714	1988-03-23
Welch Allyn, inc.	Invoicer	TX0002293287	1988-03-22
Welch Allyn, inc.	Inventory scheduling and appointment programs	TX0002289993	1988-03-22
Welch Allyn, inc.	Auto repair work order system	TXu000317213	1988-03-21
Welch Allyn, inc.	Barcode reader upload utility	TX0002306604	1988-01-25
Welch Allyn, inc.	IMAJES	TX0002316904	1988-01-22
Welch Allyn, inc.	Serial I/O direct interface program	TX0002316903	1988-01-22
Welch Allyn, inc.	RDRLIB	TX0002242960	1988-01-22
Welch Allyn, inc.	IRL program download utility	TX0002242867	1988-01-22
Welch Allyn, inc.	Fixed assets management program	TX0002234538	1988-01-22
Welch Allyn, inc.	PORTLIB	TX0002234537	1988-01-22



**Hill-Rom - Copyright Registrations and Applications:**

<b><u>Owner</u></b>	<b><u>Copyright Title</u></b>	<b><u>Registration No.</u></b>	<b><u>Registration Date</u></b>
Hill-Rom Services, Inc.	Hill-Rom Blue for Advanta™ 2 bed	VA0001701917	02/01/2010
Hill-Rom Services, Inc.	Pediatrics for Advanta™ 2 bed	VA0001701420	02/01/2010
Hill-Rom Services, Inc.	Wound documentation form	TX5-340-438	07/19/2001
Hill-Rom Services, Inc.	COMposer Software / versions 3.3.20, 2.20.1	V3478 D42 P1	12/26/2001
Hill-Rom Services, Inc.	WINCOM system	V3478 D43 P1	--
Hill-Rom Services, Inc.	COMpser	TX0005518083	12/26/2001
Hill-Rom Services, Inc.	Nation's Heroes Bed Endboard	VA0001755571	01/05/2011
Hill-Rom Services, Inc.	Nation's Heroes Bed Siderail	VA0001755574	01/05/2011
Hill-Rom Services, Inc.	Nation's Heroes Carved Design	VA0001755570	01/05/2011
Hill-Rom Services, Inc.	Nation's Heroes Headboard	VA0001755573	01/05/2011
Hill-Rom Services, Inc.	Progressa® Bed GUI Images	VA0001924983	04/21/2014
Hill-Rom Services, Inc.	SmartSync	TXu001800738	03/15/2012
Allen Medical Systems, Inc.	Allen stirrup system in-service reminder	TX0004353236	11/26/1996

*Voalte, Inc. - Copyright Registrations and Applications:*

<u>Owner</u>	<u>Copyright Title</u>	<u>Registration No.</u>	<u>Registration Date</u>
Voalte, Inc.	libVoalte Android.	TX0008292330	07/11/2016
Voalte, Inc.	libVoalte iOS.	TX0008292325	07/11/2016
Voalte, Inc.	libVoalte JavaScript.	TX0008292321	07/11/2016
Voalte, Inc.	Voalte Admin.	TX0008292342	07/11/2016
Voalte, Inc.	Voalte Me Android.	TX0008292319	07/11/2016
Voalte, Inc.	Voalte Me iOS.	TX0008292349	07/11/2016
Voalte, Inc.	Voalte Messenger.	TX0008292343	07/11/2016
Voalte, Inc.	Voalte One Android.	TX0008292352	07/11/2016
Voalte, Inc.	Voalte One iOS.	TX0008292317	07/11/2016
Voalte, Inc.	Voalte Server.	TX0008292348	07/11/2016

**SCHEDULE II – PATENTS**

<b>Current Owners</b>	<b>App Title</b>	<b>Status</b>	<b>Filed Date</b>	<b>Application Number</b>	<b>Grant Date</b>	<b>Patent No.</b>
Allen Medical Systems, Inc.	Surgical Positioning Aid	Application	2012-07-24	13/556,840		
Allen Medical Systems, Inc.	Sterile Limb Connectors and Methods (From PROV 37769) (Also claims priority to N1-37770, 37773, 38380 & 38898)	Application	2015-10-06	14/875,891		
Allen Medical Systems, Inc.	Dual Modality Prone Spine Patient Support Apparatuses (From PROV 38263)	Application	2015-12-15	14/969,123		
Allen Medical Systems, Inc.	Person Support Apparatuses Including Person Repositioning Assemblies (From PROV 38618)	Application	2016-06-08	15/176,824		
Allen Medical Systems, Inc.	Spine Table Positioner Pad With Pressure Sensing And Cooling Features (From PROV 38654)	Application	2016-06-14	15/181,769		
Allen Medical Systems, Inc.	Surgical Patient Support System And Method For Lateral-To-Prone Support of a Patient During Spine Surgery (From PROV 38794)	Application	2016-10-11	15/290,164		
Allen Medical Systems, Inc.	Systems And Methods For Determining And Tracking Subject Positioning (From PROV 38833)	Application	2016-10-27	15/336,082		
Allen Medical Systems, Inc.	Subject and Surgical Equipment Monitoring Systems (From PROV 38962)	Application	2016-11-04	15/343,577		
Allen Medical Systems, Inc.	Person Support Apparatuses For Subject Repositioning (From PROV 38829)	Application	2016-11-11	15/349,680		
Allen Medical Systems, Inc.	Reconfigurable Patient Support Device and Patient Support System	Application	2017-03-09	15/453,980		
Allen Medical Systems, Inc.	Boot Carriage for Repositioning a Surgical Boot Along a Support Rod	Application	2017-03-30	15/473,784		
Allen Medical Systems, Inc.	Pinless Loading For Spine Table (From PROV 39047)	Application	2017-05-17	15/597,401		
Allen Medical Systems, Inc.	Surgical Support System (CON of 36898)	Application	2017-07-26	15/659,712		
Allen Medical Systems, Inc.	Adjustable Cervical Traction Assemblies for Person Support Apparatuses (From PROV 39573)	Application	2018-01-24	15/878,843		
Allen Medical Systems, Inc.	Multi-Site Surgical Drape (DIV of 35672)	Application	2018-02-20	15/899,528		
Allen Medical Systems, Inc.	Bracket Attachment Apparatus for Dual Column	Application	2018-04-25	15/962,025		

Current Owners	App Title	Status	Filed Date	Application Number	Grant Date	Patent No.
	Surgical Table (CON of 38629)					
Allen Medical Systems, Inc.	Rotation Lockout For Surgical Support (From PROV 39597)	Application	2018-07-18	16/038,519		
Allen Medical Systems, Inc.	Boot Stirrup Having Adjustable Length Boot	Application	2018-12-21	16/229,247		
Allen Medical Systems, Inc.	Surgical Patient Support And Methods Thereof	Application	2019-02-14	16/275,728		
Allen Medical Systems, Inc.	Adjustable Lithotomy Positioning Apparatus with a Limb Rest	Application	2019-02-19	16/279,399		
Allen Medical Systems, Inc.	Modular Surgical System	Application	2019-05-14	16/411,301		
Allen Medical Systems, Inc.	Surgical Patient Support For Accommodating Lateral-To-Prone Patient Positioning (From PROV N1-38795)	Application	2019-06-25	16/451,446		
Allen Medical Systems, Inc.	Patient Support with Selectable Pivot	Application	2019-08-06	16/533,158		
Allen Medical Systems, Inc.	Patient Support with Selectable Pivot	Application	2018-08-30	62/724,728		
Allen Medical Systems, Inc.	Patient support surface	Granted	2000-03-28	09/537,037	2003-02-11	6,516,483
Allen Medical Systems, Inc.	Shoulder Surgery Attachment for a Surgical Table (from Prov 10129)	Granted	2001-03-22	09/814,918	2003-05-20	6,564,406
Hill-Rom Services, Inc.	Hip Brace Apparatus (from Prov 10130)	Granted	2001-03-22	09/814,920	2003-09-23	6,622,324
Allen Medical Systems, Inc.	Socket and Rail Clamp Apparatus (from Prov 10131)	Granted	2001-03-21	09/814,148	2003-09-23	6,622,980
Allen Medical Systems, Inc.	Patient Transfer Apparatus (from Provs 10637, 11060)	Granted	2001-02-20	09/789,042	2004-03-02	6,698,041 <sup>1</sup>
Allen Medical Systems, Inc.	Patient Support Surface (Cont. N1-10127)	Granted	2003-02-03	10/356,982	2004-03-09	6,701,558
Allen Medical Systems, Inc.	Accessory Rail Clamp with Latch and Lock Mechanisms (from PROVS)	Granted	2006-04-11	11/402,331	2009-04-21	7,520,007
Allen Medical Systems, Inc.	Surgical Table Extension (From PROV 18001)	Granted	2005-09-19	11/229,759	2009-04-21	7,520,008
Allen Medical Systems, Inc.	Body Support Apparatus for Spinal Surgery (from PROVS 17785, 17786, 17787, 17788)	Granted	2006-04-11	11/402,327	2009-10-13	7,600,281
Allen Medical Systems, Inc.	Accessory Frame for Spinal Surgery (FROM PROV 17785, 17786, 17787, 17788))	Granted	2006-04-11	11/402,330	2010-03-02	7,669,262
Allen Medical Systems, Inc.	Head Support Apparatus for Spinal Surgery (from PROVS 17785, 17786,	Granted	2006-04-11	11/402,332	2011-02-08	7,882,583

<sup>1</sup> The patent is currently assigned to OR Group, Inc., which changed its name to Allen Medical Systems, Inc. in 2004. The Company is in the process of filing a change of ownership with the USPTO.

Current Owners	App Title	Status	Filed Date	Application Number	Grant Date	Patent No.
	17787, 17788)					
Allen Medical Systems, Inc. & Smith and Nephew Inc	Hip distraction	Granted	2007-05-29	11/754,853	2011-05-24	7,947,006
Allen Medical Systems, Inc.	Localized Patient Support (From PROV)	Granted	2007-06-06	11/758,818	2011-09-06	8,011,045
Allen Medical Systems, Inc.	Modular System For Patient Positioning During Medical Procedures (from PROV)	Granted	2007-10-01	11/865,337	2011-10-18	8,037,884
Allen Medical Systems, Inc.	Body Support Apparatus for Spinal Surgery (CON 17734)	Granted	2009-10-09	12/576,524	2012-08-07	8,234,730
Allen Medical Systems, Inc.	Head Support Apparatus for Spinal Surgery (CON of 17732)	Granted	2011-02-07	13/022,374	2012-08-07	8,234,731
Allen Medical Systems, Inc.	Surgical Table Extension (CON of 17783)	Granted	2009-04-03	12/417,772	2012-09-04	8,256,050
Allen Medical Systems, Inc.	Localized Patient Support (CON of 18860)	Granted	2011-07-27	13/191,589	2012-10-09	8,281,434
Allen Medical Systems, Inc.	Operative Arm Support (From PROV 20458)	Granted	2009-07-23	12/508,389	2012-12-04	8,322,342
Allen Medical Systems, Inc.	Surgical Table Accessory Platform (From 20480)	Granted	2008-08-22	12/674,545	2013-03-19	8,397,323
Allen Medical Systems, Inc.	Modular system for patient positioning during medical procedures	Granted	2011-09-23	13/242,049	2013-04-09	8,413,660
Allen Medical Systems, Inc.	Surgical Positioning System	Granted	2009-09-02	12/584,337	2013-06-25	8,469,911
Allen Medical Systems, Inc.	Padded Head Support	Granted	2010-11-18	12/948,818	2013-10-15	8,555,439
Allen Medical Systems, Inc.	Prone and Laterally Angled Surgical Device and Method (From PROV 20218)	Granted	2009-10-28	12/607,700	2014-01-28	8,635,725
Allen Medical Systems, Inc.	Surgical Positioning System (CON of 37460)	Granted	2013-01-17	13/744,233	2014-01-28	8,636,680
Allen Medical Systems, Inc.	Surgical Positioning System (CIP of 37460)	Granted	2011-01-21	13/011,686	2014-04-08	8,690,806
Allen Medical Systems, Inc.	Surgical Positioning System (CIP of 37461)	Granted	2011-03-18	13/051,937	2014-04-08	8,690,807
Allen Medical Systems, Inc.	Lacing System To Secure A Limb In A Surgical Support Apparatus (from prov)	Granted	2011-02-15	13/027,413	2014-04-29	8,707,486
Allen Medical Systems, Inc.	Operating Room Table Adapter	Granted	2010-11-18	12/948,820	2014-08-19	8,806,679
Allen Medical Systems, Inc.	Disposable Urology Drainage Bag (From PROV 22919)	Granted	2011-07-07	13/177,609	2014-09-16	8,833,707
Allen Medical Systems, Inc.	Distractor Straps For Use With Distractor Apparatuses (From PROV 35235)	Granted	2012-03-30	13/435,040	2014-09-30	8,845,568
Allen Medical Systems, Inc.	Surgical Head Support Apparatus	Granted	2010-11-18	12/948,815	2014-11-25	8,893,333
Allen Medical Systems, Inc.	Surgical Assembly	Granted	2011-09-30	13/250,381	2015-04-07	8,997,749

Current Owners	App Title	Status	Filed Date	Application Number	Grant Date	Patent No.
Allen Medical Systems, Inc.	Lateral Surgical Platform With Rotation (From PROV 34197)	Granted	2011-12-14	13/326,159	2015-07-07	9,072,646
Allen Medical Systems, Inc.	Carriage for a Surgical Boot of a Hip Distractor (from PROV 36446)	Granted	2013-03-07	13/788,677	2015-08-18	9,107,792
Allen Medical Systems, Inc.	Multi-Axis Joint for A Spar of a Limb Holder (from PROV 36572)	Granted	2013-03-08	13/790,148	2015-10-20	9,161,875
Allen Medical Systems, Inc.	Low Profile Distractor Apparatuses (From PROV 35234)	Granted	2012-03-30	13/435,022	2015-11-03	9,173,649
Allen Medical Systems, Inc.	Surgical Foot Support With Tightener System	Granted	2011-06-02	13/151,627	2016-07-05	9,381,130
Allen Medical Systems, Inc. & Smith and Nephew Inc	Hip distraction	Granted	2011-04-02	13/084,939	2016-11-01	9,480,614
Allen Medical Systems, Inc.	Dual column surgical support system (From PROV 36377, 35688 and 36262)	Granted	2013-03-07	13/789,037	2016-11-22	9,498,397
Allen Medical Systems, Inc.	Surgical Positioning System (CON of 37462)	Granted	2014-04-02	14/242,918	2017-01-24	9,549,865
Allen Medical Systems, Inc.	Surgical Foot Support With Handles	Granted	2011-06-02	13/151,617	2017-05-23	9,655,764
Allen Medical Systems, Inc.	Brake Release Mechanism for Surgical Table (From PROV 37948)	Granted	2015-05-12	14/709,559	2017-05-23	9,655,793
Allen Medical Systems, Inc.	Surgical Support System (From PROV 36571)	Granted	2013-03-13	13/799,251	2017-08-15	9,730,851
Allen Medical Systems, Inc.	Dual Column Surgical Support System (CON of 36865)	Granted	2015-03-30	14/673,183	2017-09-12	9,757,299
Allen Medical Systems, Inc.	Multi-Site Surgical Drape and Method (CON of 35940)	Granted	2015-06-10	14/735,746	2018-04-10	9,937,006
Allen Medical Systems, Inc.	System and Process of Locating a Medical Imaging Device (From PROV 38652)	Granted	2016-06-30	15/198,522	2018-05-15	9,968,502
Allen Medical Systems, Inc.	Dual Column Surgical Table Having a Single-Handle Unlock for Table Rotation (CON of 38578)	Granted	2015-04-29	14/699,004	2018-05-15	9,968,503
Allen Medical Systems, Inc.	Accessory Flat-Top Panel For Use With Surgical Tables (From PROV 37234)	Granted	2014-09-04	14/477,559	2017-09-05	9,750,657
Allen Medical Systems, Inc.	Carriage for a Surgical Boot of a Hip Distractor (CON of 36861)	Granted	2015-08-14	14/826,359	2018-08-14	10,045,901
Allen Medical Systems, Inc.	Countertraction Surgical Assembly (CON of 35579)	Granted	2015-02-26	14/632,376	2018-12-11	10,149,792
Allen Medical Systems, Inc.	Boot Stirrup (From PROV 37582)	Granted	2015-10-12	14/880,619	2019-01-29	10,188,573
Allen Medical	Surgical Accessory	Granted	2012-06-06	13/490,064	2019-02-12	10,201,467

Current Owners	App Title	Status	Filed Date	Application Number	Grant Date	Patent No.
Systems, Inc.	Interface Device					
Allen Medical Systems, Inc.	Release Handle Mechanisms for a Spar of a Limb Holder (CON of 36862)	Granted	2015-09-29	14/869,339	2019-03-26	10,238,568
Allen Medical Systems, Inc.	Person Support Apparatus With Tracking Features (From PROV)	Granted	2016-07-28	15/222,596	2019-06-11	10,314,758
Allen Medical Systems, Inc.	Surgical Patient Support For Accommodating Lateral-To-Prone Patient Positioning (From PROV N1-38795)	Granted	2016-10-11	15/290,156	2019-07-30	10,363,189
Allen Medical Systems, Inc.	Surgical Arm Positioning Systems And Methods (From PROV 37769) (Also claims priority to N1-37770, 37773, 38380 & 38898)	Granted	2015-10-06	14/876,066	2019-08-06	10,369,069
Allen Medical Systems, Inc. & Smith & Nephew, Inc.	Hip Distraction	Granted	2016-10-27	15/335,801	2019-08-13	10,376,287
Allen Medical Systems, Inc.	Surgical Positioning System (CON of 37469)	Granted	2016-12-15	15/379,561	2019-08-27	10,391,014
Allen Medical Systems, Inc.	Multi-Axis Joint For a Spar of a Limb Holder (CON of 36862)	Granted	2015-12-31	14/986,136	2019-09-03	10,398,615
Allen Medical Systems, Inc.	Head Support Pad for Surgery (CON of 35075)	Granted	2011-12-30	29/409,927	2012-08-21	D665,912
Allen Medical Systems, Inc. & Smith & Nephew, Inc.	Hip Distraction	Granted	2013-05-24	13/902,286	2016-06-21	RE46,032
Anodyne Medical Device, Inc.	Apparatus and method for exact control of cross over pressures, including high and low pressures, by dynamically varying the compressor pump output in alternating pressure support surfaces	Granted	2003-06-25	10/604,068	2005-06-28	6,910,238
Anodyne Medical Device, Inc.	Support surface with integral patient turning mechanism	Granted	2006-06-01	11/308,976	2010-03-23	7,681,269
Anodyne Medical Device, Inc.	Mattress with features for improved support and comfort	Granted	2008-05-21	12/124,581	2010-03-23	7,681,270
Anodyne Medical Device, Inc.	Distributed pressure control for support surfaces	Granted	2007-09-07	11/851,880	2010-08-31	7,784,131
Anodyne Medical Device, Inc.	Apparatus and method for rapidly deflating air cells with check valves for cardio pulmonary resuscitation	Granted	2007-12-13	11/955,899	2010-10-12	7,810,195
Anodyne Medical Device, Inc.	Bed exit alarm	Granted	2009-09-11	12/558,142	2011-10-25	8,042,206
Anodyne Medical	Stimul-Air Sleeve	Granted	2010-06-14	12/814,856	2012-07-31	8,231,561

Current Owners	App Title	Status	Filed Date	Application Number	Grant Date	Patent No.
Device, Inc.						
Anodyne Medical Device, Inc.	Vibrational support surface	Granted	2008-04-18	12/105,584	2012-08-07	8,235,920
Anodyne Medical Device, Inc. & Board of Regents of the University of Nebraska	Pediatric lumbar puncture positioning device	Granted	2011-03-10	13/045,331	2013-03-12	8,393,329
Anodyne Medical Device, Inc.	Nodal modular support surface	Granted	2007-10-03	11/866,602	2014-01-07	8,621,693
Anodyne Medical Device, Inc.	Adjustable width bariatric transport support surface	Granted	2005-11-17	11/164,314	2014-02-18	8,650,686
Anodyne Medical Device, Inc.	Vibrational support surface	Granted	2012-07-17	13/551,069	2014-06-24	8,758,281
Anodyne Medical Device, Inc.	Support surface system providing simultaneous alternating pressure and low air loss therapies	Granted	2010-09-15	12/882,966	2014-10-07	8,852,131
Anodyne Medical Device, Inc.	Support surface with proximity sensor and operable in low power mode	Granted	2011-05-18	13/110,310	2014-10-21	8,868,244
Anodyne Medical Device, Inc.	Support surface system providing simultaneous alternating pressure and low air loss therapies	Granted	2014-10-07	14/508,525	2016-06-14	9,364,386
Hill-Rom Services, Inc	Patient Care System and an Occupant support and Occupant Wearable Item Useable with the System (from PROV 36868)	Application	2013-02-21	13/772,739		
Hill-Rom Services, Inc	Occupant Support with a Knee Lift (from PROV 36352)	Application	2013-06-14	13/917,809		
Hill-Rom Services, Inc	Variable Width Hospital Bed (From PROV 36484)	Application	2013-08-09	13/963,245		
Hill-Rom Services, Inc	Direct Patient Association (from PROV 36810)	Application	2014-02-12	14/178,366		
Hill-Rom Services, Inc	Electronic Room Sign for Healthcare Information Technology System (from PROV 36883)	Application	2014-02-21	14/185,976		
Hill-Rom Services, Inc	Patient Support Apparatus With Physical Therapy System (From PROV 35651)	Application	2014-03-05	14/197,678		
Hill-Rom Services, Inc	Adverse Event Mitigation Systems, Methods and Devices (From PCT N2-37044)	Application	2013-05-22	14/402,530		
Hill-Rom Services, Inc	Moisture Detection System (CON of 22557)	Application	2014-07-30	14/446,632		
Hill-Rom Services, Inc	Systems, Methods, and Devices For The Treatment of Sleep Disorders (CIP of N2-37044 & N2-37419 and claims benefit to PROVs	Application	2014-08-08	14/454,961		



Current Owners	App Title	Status	Filed Date	Application Number	Grant Date	Patent No.
	35912, 36658, 36911 & 37236)					
Hill-Rom Services, Inc	Apparatus for Supporting and Monitoring a Person (DIV of 35361)	Application	2014-09-23	14/493,475		
Hill-Rom Services, Inc	Hospital Bed Compatibility With Third Party Application Software	Application	2014-09-30	14/501,380		
Hill-Rom Services, Inc	Occupant Support with Longitudinally Spaced Turn Assist Members, Associated Graphical User Interface, and Methods of Providing Access to Portions of the Occupant Support or to Occupants Thereof (CIP of PCT N2-37099)	Application	2015-02-25	14/631,140		
Hill-Rom Services, Inc	Person Support Apparatuses With Selectively Coupled Foot sections (CON of 37128)	Application	2015-04-17	14/689,490		
Hill-Rom Services, Inc	Patient-Support Apparatus With A Configurable Siderail (CON of 19191)	Application	2015-07-07	14/792,667		
Hill-Rom Services, Inc	Systems, Methods, and Devices For Treatment of Sleep Disorders (CIP of N1-37558)	Application	2015-07-31	14/815,010		
Hill-Rom Services, Inc	Method and Apparatus for Decision Support	Application	2015-09-09	14/848,742 <sup>2</sup>		
Hill-Rom Services, Inc	Patient Support Apparatus Having Alert Light (CON of 37067)	Application	2015-10-01	14/872,254		
Hill-Rom Services, Inc	Method of Predicting and Mitigating Adverse Events (CON of 36921)	Application	2015-11-19	14/945,538		
Hill-Rom Services, Inc	Topper with Targeted Fluid Flow Distribution (CON of 36064)	Application	2015-12-15	14/969,284		
Hill-Rom Services, Inc	Method of Predicting Occupant Egress from an Occupant Support Based on Perimeter Panel Status and Occupant Location, and a Related Apparatus (From PROV 38946)	Application	2016-01-19	15/000,258		
Hill-Rom Services, Inc	Pressure Ulcer Detection Systems and Methods	Application	2016-02-10	15/040,170		
Hill-Rom Services, Inc	Availability Scheduling For Patient Supports (From PROV 38466)	Application	2016-02-22	15/049,347		
Hill-Rom Services, Inc	Sensors In A Mattress Cover (DIV of 37317)	Application	2016-04-05	15/090,715		
Hill-Rom Services, Inc	Monitoring of Patient Supports (From PROV	Application	2016-04-06	15/092,082		

<sup>2</sup> The Company intends to allow this application to become abandoned in due course.

Current Owners	App Title	Status	Filed Date	Application Number	Grant Date	Patent No.
	38458)					
Hill-Rom Services, Inc	Multi-Mode Sacral Unloading Pressure Relief In A Patient Support Surface (From PROV 38183)	Application	2016-04-26	15/138,353		
Hill-Rom Services, Inc	In-Bed Patient Identity Verification And Data Collection (From PROV 38226)	Application	2016-05-09	15/149,408		
Hill-Rom Services, Inc	Automated Safety Protocol Compliance (From PROV 38521)	Application	2016-05-23	15/161,688		
Hill-Rom Services, Inc	Methods And Apparatuses For Controlling Angular Orientations Of A Person Support Apparatus (From PROV 38611)	Application	2016-06-19	15/186,486		
Hill-Rom Services, Inc	Automatic Contextual Login Using Real Time Locating System Information (From PROV 38179)	Application	2016-06-20	15/186,956		
Hill-Rom Services, Inc	Person Support Apparatus With Ingress/Egress Assist (From PROV 38612)	Application	2016-06-22	15/189,097		
Hill-Rom Services, Inc	Protective Dressing With Reusable Phase-Change Material Cooling Insert (From PROV 38025)	Application	2016-06-22	15/189,459		
Hill-Rom Services, Inc	Microclimate System For a Patient Support Apparatus (From PROV 38177)	Application	2016-06-28	15/194,876		
Hill-Rom Services, Inc	Customized Bed Exit Warnings To Modify Patient Behavior (From PROV 38648)	Application	2016-07-18	15/212,669		
Hill-Rom Services, Inc	Air Bladder Control of Mattress/Frame Width Expansion (From PROV 38641)	Application	2016-07-20	15/214,530		
Hill-Rom Services, Inc	Biometric Parameter Data Extraction from a Patient Surface by Air Pressure Sensing (From PROV 38676)	Application	2016-07-28	15/221,681		
Hill-Rom Services, Inc	Microclimate Management Airflow Control Based On Incontinence Detection (From PROV 38647)	Application	2016-08-09	15/231,919		
Hill-Rom Services, Inc	Therapy Enabler Token (CON of 37498)	Application	2016-08-22	15/243,015		
Hill-Rom Services, Inc	Topper For a Patient Surface (CON of 37315)	Application	2016-08-24	15/245,957		
Hill-Rom Services, Inc	Incontinence Detection Apparatus Having Displacement Alert (CON	Application	2016-09-06	15/257,301		

Current Owners	App Title	Status	Filed Date	Application Number	Grant Date	Patent No.
	of 37425)					
Hill-Rom Services, Inc	Patient Support Apparatus Having Air Fluidized Therapy (From PROV 38889)	Application	2016-09-14	15/265,194		
Hill-Rom Services, Inc	Location-Based Automated Staff-To-Patient Assignment System And Method (From PROV 38644)	Application	2016-09-16	15/267,197		
Hill-Rom Services, Inc	Hand Hygiene Monitoring System With Customizable Thresholds (from PROVs 38642 & 39102)	Application	2016-09-20	15/270,330		
Hill-Rom Services, Inc	Wireless Bed Locating System (CON of 37346)	Application	2016-09-23	15/273,831		
Hill-Rom Services, Inc	Hospital Bed Control and Charting (CON of 23086)	Application	2016-10-13	15/292,578		
Hill-Rom Services, Inc	Dressing and Dressing Assembly for Preventing Pressure Ulcers (From PROV 38849)	Application	2016-10-18	15/296,072		
Hill-Rom Services, Inc	Bed Alert Condition Configuration Using A Remote Computer Device (From PROV 22910)	Application	2016-10-19	15/297,251		
Hill-Rom Services, Inc	Person Support Systems With Cooling Features (From PROV 38812)	Application	2016-11-10	15/348,080		
Hill-Rom Services, Inc	System for Predicting Departure from an Origin Based on External Factors (From PROV 39001)	Application	2016-12-22	15/388,535		
Hill-Rom Services, Inc	Microclimate Management System with Wireless Sensors (From PROV 39103)	Application	2016-12-28	15/392,762		
Hill-Rom Services, Inc	Caregiver Communication Device With Caregiver Active Workspace For Patient Charting (From PROV 38651)	Application	2017-01-05	15/398,822		
Hill-Rom Services, Inc	Automated Patient Billing for Consumables (From PROV 38694)	Application	2017-01-05	15/398,831		
Hill-Rom Services, Inc	Support Surface Useful Life Monitoring (From PROV 38689)	Application	2017-01-05	15/398,836		
Hill-Rom Services, Inc	Control System For Patient Support Apparatus (CON of 36864)	Application	2017-01-06	15/399,896		
Hill-Rom Services, Inc	Hospital Bed Scale Calibration Methods and Patient Position Monitoring Methods (From PROV 38725)	Application	2017-02-09	15/428,457		
Hill-Rom	Systems and Methods for	Application	2017-02-09	15/428,570		

Current Owners	App Title	Status	Filed Date	Application Number	Grant Date	Patent No.
Services, Inc	directing Fluid Flow in a Mattress (From PROV 36248)					
Hill-Rom Services, Inc	Patient Support Apparatus Having an Integrated Limb Compression Device (From PROV 39094)	Application	2017-02-15	15/432,991		
Hill-Rom Services, Inc	Occupant Support and Method for Positioning an Occupant on the Occupant Support	Application	2017-04-04	15/478,325		
Hill-Rom Services, Inc	Capacitive sensor for respiratory monitoring	Application	2017-04-04	15/478,829		
Hill-Rom Services, Inc	Apparatuses for Detecting Biomarkers and Methods for Using the Same	Application	2017-04-25	15/496,484		
Hill-Rom Services, Inc	Multi-Alert Lights For Hospital Bed (CON of 37370)	Application	2017-04-27	15/499,062		
Hill-Rom Services, Inc	Patient Support Systems and Methods of Use (CON of 37028)	Application	2017-04-27	15/499,424		
Hill-Rom Services, Inc	Patient Support Apparatus	Application	2016-05-29	15/577,581		
Hill-Rom Services, Inc	Occupant Support with a Migration Sensitive Bladder and Method for Migration Detection	Application	2017-05-17	15/597,784		
Hill-Rom Services, Inc	Systems and Methods For Generating Notifications Based on Bladder Volume Signals and Bladder Muscle Signals	Application	2017-05-22	15/601,390		
Hill-Rom Services, Inc	Adaptable Mattress	Application	2017-05-25	15/604,933		
Hill-Rom Services, Inc	Occupant Support and Mattress with Immersion Sensing Capability and Methods of Managing Bladder Pressure in the Occupant Support and Mattress	Application	2017-05-30	15/608,056		
Hill-Rom Services, Inc	Patient Support (CON of 19577)	Application	2017-06-07	15/616,242		
Hill-Rom Services, Inc	Person Support Apparatus Power Drive System (CON of 36899)	Application	2017-06-20	15/627,681		
Hill-Rom Services, Inc	Sequential Compression Therapy Compliance Monitoring Systems and Methods (CON of NI-37190)	Application	2017-07-26	15/659,906		
Hill-Rom Services, Inc	Patient Support Apparatus Having Vital Signs Monitoring and Alerting	Application	2017-07-26	15/660,360		
Hill-Rom Services, Inc	Image Based Monitoring of the State of a Device	Application	2017-08-03	15/668,226		

Current Owners	App Title	Status	Filed Date	Application Number	Grant Date	Patent No.
Hill-Rom Services, Inc	Patient Support Apparatus Having Data Collection and Communication Capability (CON of 37576)	Application	2017-08-09	15/672,381		
Hill-Rom Services, Inc	Inaccuracy Tolerant Actuation Assembly, Article Using the Same, and Method of Producing the Article (From PROV 39387)	Application	2017-08-16	15/678,300		
Hill-Rom Services, Inc	Method of Powered Width Expansion of a Bed (CON of 38920)	Application	2017-08-21	15/681,590		
Hill-Rom Services, Inc	Incontinence Detection Systems For Hospital Beds (From PCT)	Application	2016-11-16	15/775,882		
Hill-Rom Services, Inc	Mattress Bladder Control During Patient Bed Egress (CON of 38370)	Application	2017-10-16	15/784,281		
Hill-Rom Services, Inc	Bed/Room/Patient Association Systems and Methods (From PROV 36207) (Includes New Matter Innov #688, #815, #1105, #1106, #990 & #996)	Application	2017-10-16	15/784,693		
Hill-Rom Services, Inc	Incontinence Detection Pad with User Adjustable Sensitivity (From PROV 39135)	Application	2017-10-20	15/788,846		
Hill-Rom Services, Inc	User Module for a Patient Support Apparatus (CON of 37588)	Application	2017-10-31	15/798,473		
Hill-Rom Services, Inc	Method and System for Assessing Compliance with a Patient Repositioning Protocol	Application	2017-11-01	15/800,627		
Hill-Rom Services, Inc	Cooling Articles And Cooling Systems (From PROV 39129)	Application	2017-11-02	15/801,877		
Hill-Rom Services, Inc	System and Method for Determining Incontinence Device Replacement Interval (From PROV 39131)	Application	2017-11-27	15/822,337		
Hill-Rom Services, Inc	Pressure Ulcer Prevention With Wearable Monitoring (From PROV 39028)	Application	2017-11-27	15/822,532		
Hill-Rom Services, Inc	Patient Bed With Support Assist (From PROV 39134)	Application	2017-12-05	15/831,748		
Hill-Rom Services, Inc	Support Apparatuses Comprising Cooling Elements (From PROV 39137)	Application	2017-12-13	15/840,127		
Hill-Rom Services, Inc	User Interface for Hospital Bed (CON of 39120)	Application	2017-12-19	15/846,286		
Hill-Rom	Adverse Condition	Application	2017-12-19	15/846,377		

Current Owners	App Title	Status	Filed Date	Application Number	Grant Date	Patent No.
Services, Inc	Detection, Assessment, and Response Systems, Methods and Devices (CON of 37048)					
Hill-Rom Services, Inc	Video Monitoring to Detect Sleep Apnea (From PROV 39598)	Application	2017-12-22	15/852,514		
Hill-Rom Services, Inc	Interactive Physical Therapy (From PROV 39600)	Application	2018-01-03	15/860,813		
Hill-Rom Services, Inc	Incontinence Detection Optimization Using Directional Wicking (From PROV 39048)	Application	2018-01-25	15/879,865		
Hill-Rom Services, Inc	Person Support Systems with Cooling Features (From PROV 39029)	Application	2018-01-25	15/880,131		
Hill-Rom Services, Inc	Method and Apparatus for Automatic Event Prediction (From PROV 39532)	Application	2018-01-30	15/883,754		
Hill-Rom Services, Inc	Mattress Overlay for P&V, Turn Assist and MCM (From PROV 38974)	Application	2018-03-26	15/935,837		
Hill-Rom Services, Inc	Incontinence Detection System Capable of Identifying Urinary or Fecal Incontinence (From PROV 39132)	Application	2018-03-28	15/938,801		
Hill-Rom Services, Inc	Flexible Overhead Arm	Application	2018-05-11	15/976,984		
Hill-Rom Services, Inc	Patient Bed Having Translatable Siderail for Bed Exit (CON of 39418)	Application	2018-05-25	15/990,285		
Hill-Rom Services, Inc	Patient Immersion Sensor Using RADAR	Application	2018-06-26	16/018,316		
Hill-Rom Services, Inc	Automated Healthcare System	Application	2018-06-27	16/019,865		
Hill-Rom Services, Inc	Apparatus for Graduated Lateral Rotation of a Sleep Surface	Application	2018-06-28	16/021,796		
Hill-Rom Services, Inc	Layered Graduated Lateral Rotation Apparatus	Application	2018-06-29	16/022,846		
Hill-Rom Services, Inc	Floor-Supported Graduated Lateral Rotation Apparatus	Application	2018-06-29	16/022,852		
Hill-Rom Services, Inc	Patient Cooling System Responsive To Head Elevation	Application	2018-07-05	16/027,533		
Hill-Rom Services, Inc	Bed-Based Safety Protocol Control	Application	2018-07-13	16/034,501		
Hill-Rom Services, Inc	Dynamic foam mattress adapted for use with a variable Length hospital bed	Application	2018-07-18	16/038,253		
Hill-Rom Services, Inc	Incontinence Detection Pad Validation Apparatus and Method (CIP of 39722)	Application	2018-07-20	16/040,816		
Hill-Rom	Self-Compensating Bed	Application	2018-07-26	16/046,046		

Current Owners	App Title	Status	Filed Date	Application Number	Grant Date	Patent No.
Services, Inc	Scale System for Removable Components (CON of 39115)					
Hill-Rom Services, Inc	Systems For Monitoring Wounds And Wound Dressing Status And Systems For Protecting Wounds	Application	2018-07-27	16/047,412		
Hill-Rom Services, Inc	Actuated Graduated Lateral Rotation Apparatus	Application	2018-08-17	16/104,379		
Hill-Rom Services, Inc	RFID Tag Inlay For Incontinence Detection Pad	Application	2018-08-23	16/110,603		
Hill-Rom Services, Inc	Subject Transfer Apparatus	Application	2018-08-24	16/111,876		
Hill-Rom Services, Inc	Wireless Sensors in Medical Environments	Application	2018-09-04	16/120,679		
Hill-Rom Services, Inc	Devices, Systems, And Methods For Monitoring Wounds	Application	2018-09-04	16/120,937		
Hill-Rom Services, Inc	Wireless Bed Power (From PCT N21-37360)	Application	2018-09-05	16/122,013		
Hill-Rom Services, Inc	Caregiver And Staff Information System	Application	2018-09-27	16/143,971		
Hill-Rom Services, Inc	Selectable control valves and inflatable mattress systems comprising the same	Application	2018-10-01	16/148,027		
Hill-Rom Services, Inc	Patient Support with an Air permeable Layer and with Air Flow Through the Air Permeable Layer Controlled as a Function of Pressure Sensed at a Pressure Sensing Layer (CON of 39384)	Application	2018-10-02	16/149,251		
Hill-Rom Services, Inc	Apparatus for Adding Hospital Bed Functionality to an At-Home Bed	Application	2018-10-02	16/149,306		
Hill-Rom Services, Inc	Person Support Apparatus Having Physiological Sensor (CON of 39902)	Application	2018-10-02	16/149,400		
Hill-Rom Services, Inc	Underbody warming system with focal cooling	Application	2018-10-23	16/167,744		
Hill-Rom Services, Inc	Modular Turn Assist Apparatus And Method Therefor	Application	2018-10-23	16/167,698		
Hill-Rom Services, Inc	Siderail Power Communication Interface	Application	2018-11-09	16/185,074		
Hill-Rom Services, Inc	Braking and Steering System for a Mobile Support	Application	2018-11-12	16/186,782		
Hill-Rom Services, Inc	Incontinence Detection Pad Manufacturing Method (CON of N1-39940) (N1-40651)	Application	2018-11-28	16/202,672		
Hill-Rom Services, Inc	Method and Apparatus for Patient Bed Load Cell	Application	2018-12-18	16/223,970		

Current Owners	App Title	Status	Filed Date	Application Number	Grant Date	Patent No.
	Signal Monitoring for Patient Movement Classification					
Hill-Rom Services, Inc	Method And Apparatus For Applying Machine Learning To Classify Patient Movement From Load Signals	Application	2018-12-18	16/224,020		
Hill-Rom Services, Inc	Bathroom Monitoring in a Healthcare Facility	Application	2018-12-27	16/233,413		
Hill-Rom Services, Inc	Surface End of Life Detection Using Radar	Application	2019-01-04	16/239,866		
Hill-Rom Services, Inc	Historical Identification and Accuracy Compensation for Problem Areas in a Locating System	Application	2019-02-11	16/272,063		
Hill-Rom Services, Inc	Foam Surface End of Life Indication	Application	2019-02-25	16/284,569		
Hill-Rom Services, Inc	Patient Support Surface Control, End of Life Indication, and X-Ray Cassette Sleeve	Application	2019-02-26	16/285,608		
Hill-Rom Services, Inc	System for Predicting Egress from an Occupant Support (From PCT 39994)	Application	2017-10-23	16/343,447		
Hill-Rom Services, Inc	Method of Hospital Bed Network Connectivity (CON of N1-40479)	Application	2019-03-18	16/356,529		
Hill-Rom Services, Inc	Apparatus for the Detection of Moisture (CON of 40372)	Application	2019-03-19	16/357,694		
Hill-Rom Services, Inc	Dynamic Apnea Therapy Surface (DIV of 38806)	Application	2019-04-02	16/372,721		
Hill-Rom Services, Inc	Patient Risk Assessment Based on Data from Multiple Sources in a Healthcare Facility	Application	2019-04-04	16/374,820		
Hill-Rom Services, Inc	Patient Support Apparatus (CON of 37931)	Application	2019-04-08	16/377,520		
Hill-Rom Services, Inc	Incontinence Detection System with Spatially and Temporally Varying Interrogation Signals	Application	2019-04-30	16/398,457		
Hill-Rom Services, Inc	Distributed Healthcare Communication System (CON 39519)	Application	2019-04-30	16/398,775		
Hill-Rom Services, Inc	Patient Support Apparatus Adaptable to Multiple Modes of Transport	Application	2019-05-16	16/413,830		
Hill-Rom Services, Inc	Detection of Nursing Concerns of Patient Deterioration	Application	2019-05-24	16/421,546		
Hill-Rom Services, Inc	Width Adjustable Person Support System With Dual Inboard Mounted Motors And Proximate, Directly Driven Extension Wings	Application	2019-05-28	16/423,435		



Current Owners	App Title	Status	Filed Date	Application Number	Grant Date	Patent No.
	(Con of 39800)					
Hill-Rom Services, Inc	Systems For Recognizing Temperature As A Sign Of Surgical Infection And Methods Of Using The Same	Application	2019-06-05	16/432,278		
Hill-Rom Services, Inc	Discriminating Patient Care Communications System (From 39679)	Application	2019-06-07	16/434,544		
Hill-Rom Services, Inc	Voice Recognition for Patient Care Environment	Application	2019-06-11	16/437,064		
Hill-Rom Services, Inc	Patient Bed Having Head-of-Bed Lockout and Stay-in-Bed Indicator (CON of 38171)	Application	2019-06-25	16/451,359		
Hill-Rom Services, Inc	Skin Injury Resistant Occupant Support Structures and Methods for Resisting Skin Injuries	Application	2019-06-27	16/454,445		
Hill-Rom Services, Inc	Patient Risk Assessment Based on Data from Multiple Sources in a Healthcare Facility	Application	2019-06-28	16/456,712		
Hill-Rom Services, Inc	Apparatus and Method For Updating Software In A Patient Support Apparatus Using A Memory Toggle	Application	2019-07-03	16/502,111		
Hill-Rom Services, Inc	Portable, Low Cost Incontinence Detection System and Kit	Application	2019-07-08	16/504,654		
Hill-Rom Services, Inc	Multi-Alert Lights For Hospital Bed (CON of 39771)	Application	2019-07-17	16/513,791		
Hill-Rom Services, Inc	Patient Support System And Methods Of Use (CON of 38981)	Application	2019-07-17	16/513,872		
Hill-Rom Services, Inc	Systems for Patient Turn Detection and Confirmation	Application	2019-07-30	16/526,347		
Hill-Rom Services, Inc	Systems and Methods for EMR Vitals Charting	Application	2019-08-08	16/535,303		
Hill-Rom Services, Inc	Apparatus and Methods for Determining and Responding to the Location, Orientation, and Respiration of a Person	Application	2019-08-12	16/537,963		
Hill-Rom Services, Inc	System and Method for Caregiver Shift Change	Application	2019-08-14	16/540,202		
Hill-Rom Services, Inc	Method and Apparatus for Responding to the Presence of a Communicable Condition	Application	2019-08-19	16/543,911		
Hill-Rom Services, Inc	Mattress (CON of 37583)	Application	2017-01-13	29/590,840		
Hill-Rom Services, Inc	Communication Console	Application	2019-05-14	29/691,116		
Hill-Rom Services, Inc	Systems and Methods for EMR Vitals Charting	Application	2018-08-30	62/724,752		

Current Owners	App Title	Status	Filed Date	Application Number	Grant Date	Patent No.
Hill-Rom Services, Inc	Method and Apparatus for Responding to the Presence of a Communicable Condition	Application	2018-09-04	62/726,589		
Hill-Rom Services, Inc	System and Method for Caregiver Shift Change	Application	2018-09-19	62/733,449		
Hill-Rom Services, Inc	Obstacle Detect IR Beam Filter	Application	2018-09-27	62/737,504		
Hill-Rom Services, Inc	System and Method for Incentivizing and Quantifying Patient Mobility	Application	2018-09-28	62/738,131		
Hill-Rom Services, Inc	Temperature Monitoring Systems And Methods For Determining A Change In Temperature Of Target Areas	Application	2018-10-02	62/740,258		
Hill-Rom Services, Inc	Energy Harvesting to Power Stretcher Electronics	Application	2018-10-25	62/750,413		
Hill-Rom Services, Inc	Identification of Device Location in Healthcare Facility	Application	2018-11-01	62/754,157		
Hill-Rom Services, Inc	Braking and Steering System for a Mobile Support	Application	2018-11-07	62/756,878		
Hill-Rom Services, Inc	Energy Management for a Stretcher or Other Occupant Support	Application	2018-11-08	62/757,220		
Hill-Rom Services, Inc	Systems and Methods for Determining Subject Positioning and Vital Signs	Application	2018-11-16	62/768,334		
Hill-Rom Services, Inc	Systems and Methods for Determining an Objective Pressure Injury Score and Altering a Treatment Plan Based on the Same	Application	2018-11-16	62/768,395		
Hill-Rom Services, Inc	Caregiver Locating Tag Having Advanced Functionality	Application	2018-12-05	62/775,468		
Hill-Rom Services, Inc	System and Method for Caregiver availability Determination.	Application	2018-12-27	62/785,395		
Hill-Rom Services, Inc	Identification of Device Location in Healthcare Facility	Application	2018-12-28	62/786,118		
Hill-Rom Services, Inc	Patient Support Surface Control, End of Life Indication, and X-Ray Cassette Sleeve	Application	2019-01-17	62/793,668		
Hill-Rom Services, Inc	Manufacturing Method for Incontinence Detection Pads Having Wireless Communication Capability	Application	2019-02-04	62/800,742		
Hill-Rom Services, Inc	Method for Optimizing Skin Cooling Level of an Occupant Support Surface	Application	2019-02-08	62/802,920		
Hill-Rom	Skin Dressing Having	Application	2019-02-12	62/804,317		

Current Owners	App Title	Status	Filed Date	Application Number	Grant Date	Patent No.
Services, Inc	Sensor for Pressure Ulcer Prevention					
Hill-Rom Services, Inc	Bed Interface for Manual Location	Application	2019-02-26	62/810,445		
Hill-Rom Services, Inc	Medical Equipment Status Indicator	Application	2019-02-26	62/810,565		
Hill-Rom Services, Inc	Patient Support Apparatus Having Vital Signs and Sepsis Display Apparatus	Application	2019-02-28	62/811,565		
Hill-Rom Services, Inc	Oblique Hinged Panels and Bladder Apparatus for Sleep Disorders	Application	2019-02-28	62/811,605		
Hill-Rom Services, Inc	Patient Fall Likelihood	Application	2019-03-15	62/818,828		
Hill-Rom Services, Inc	Patient Fall Likelihood and Severity	Application	2019-03-15	62/818,836		
Hill-Rom Services, Inc	Patient Support Apparatus with Integrated Patient Therapy Device	Application	2019-03-29	62/826,710		
Hill-Rom Services, Inc	Method and Apparatus for Upgrading a Patient Support Apparatus to Include an Integrated Patient Therapy Device	Application	2019-03-29	62/826,719		
Hill-Rom Services, Inc	Control System for a Patient Therapy Device	Application	2019-03-29	62/826,744		
Hill-Rom Services, Inc	A User Interface for a Patient Support Apparatus with Integrated Patient Therapy Device	Application	2019-03-29	62/826,785		
Hill-Rom Services, Inc	Dressing with Targeted Low-Intensity Vibration	Application	2019-04-03	62/828,683		
Hill-Rom Services, Inc	Method and Apparatus for Indicating Continence State of a Patient on a Bed	Application	2019-04-12	62/833,040		
Hill-Rom Services, Inc	Mattress Function Indicator on Graphical User Interface for Bed	Application	2019-04-12	62/833,382		
Hill-Rom Services, Inc	Mattress Retention Assembly and Radiofrequency Weld in Surface Covers	Application	2019-04-12	62/833,389		
Hill-Rom Services, Inc	Head of Bed Access	Application	2019-04-17	62/835,266		
Hill-Rom Services, Inc	Medical Device Blockchain Exchange	Application	2019-04-17	62/835,275		
Hill-Rom Services, Inc	Patient Bed Having Exercise Therapy Apparatus	Application	2019-04-19	62/836,150		
Hill-Rom Services, Inc	Sepsis Automated Reporting System	Application	2019-04-19	62/836,321		
Hill-Rom Services, Inc	Patient Request System and Method	Application	2019-05-13	62/846,828		
Hill-Rom Services, Inc	Mattress Support for Imparting a Hospital Bed Functionality to a Consumer Bed	Application	2019-05-14	62/847,431		

Current Owners	App Title	Status	Filed Date	Application Number	Grant Date	Patent No.
Hill-Rom Services, Inc	Integration of patient lift and support devices with Hobbit	Application	2019-05-16	62/848,817		
Hill-Rom Services, Inc	Manufacturing Method for Incontinence Detection Pads Having Wireless Communication Capability	Application	2019-05-21	62/850,696		
Hill-Rom Services, Inc	Patient Support Apparatus Transport Handle	Application	2019-05-29	62/854,044		
Hill-Rom Services, Inc	Mattress Having Selectable Patient Weight Valve, Inductive Power, and a Digital X-Ray Cassette	Application	2019-05-30	62/854,497		
Hill-Rom Services, Inc	Patient Support Interface Device	Application	2019-05-30	62/854,665		
Hill-Rom Services, Inc	Mattress Support	Application	2019-06-04	62/857,107		
Hill-Rom Services, Inc	Patient Support Apparatus Tracking System	Application	2019-06-19	62/863,515		
Hill-Rom Services, Inc	Positionable Projections for a Patient Support Apparatus	Application	2019-06-26	62/866,844		
Hill-Rom Services, Inc	Exit Monitoring System for Patient Support Apparatus	Application	2019-06-28	62/868,230		
Hill-Rom Services, Inc	Systems and Methods for Completing Accepted Alerts	Application	2019-06-28	62/868,327		
Hill-Rom Services, Inc	Falls Reporting	Application	2019-06-28	62/868,386		
Hill-Rom Services, Inc	Falls Risk Management	Application	2019-06-28	62/868,394		
Hill-Rom Services, Inc	Assessing Sepsis Risk Based on Dwell Times of Invasive Devices	Application	2019-07-01	62/869,517		
Hill-Rom Services, Inc	Vital Sign Monitors for Inpatient Medicine Wards	Application	2019-07-05	62/870,967		
Hill-Rom Services, Inc	Security Latch for User Interface Housing	Application	2019-07-10	62/872,297		
Hill-Rom Services, Inc	Patient Baselines, visualization and hand-offs	Application	2019-07-15	62/874,059		
Hill-Rom Services, Inc	Data Capture from Disparate Medical Devices	Application	2019-07-15	62/874,147		
Hill-Rom Services, Inc	Pneumatic System Blockage Detection	Application	2019-07-15	62/874,197		
Hill-Rom Services, Inc	Modified Head Extension and Transport Handle System	Application	2019-07-31	62/880,708		
Hill-Rom Services, Inc	Automated orthostatic hypotension assessment	Application	2019-07-31	62/880,771		
Hill-Rom Services, Inc	DEVICES, SYSTEMS, AND METHODS FOR DETERMINING A CONFIDENCE LEVEL OF DATA PERTAINING TO A LOCATION WITHIN A PREDEFINED ZONE	Application	2019-07-31	62/880,896		
Hill-Rom Services, Inc	Communication network for a hospital bed (Ex Parte	Application	2012-07-20	90/012,399		

Current Owners	App Title	Status	Filed Date	Application Number	Grant Date	Patent No.
	Reexamination of U.S. Patent No. 5771511) (REEX of 06334)					
Hill-Rom Services, Inc	Patient care bed with network (Inter Partes Reexamination of U.S. Patent 7237287) (REEX of 17538)	Application	2012-07-20	95/002,050		
Hill-Rom Services, Inc	Bed With Networked Alarm (Inter Partes Reexamination of U.S. Patent No. 7568246) (REEX of 18822)	Application	2012-07-20	95/002,051		
Hill-Rom Services, Inc	Patient Support Apparatus Having Controller Area Network Inter Partes Reexamination of U.S. Patent No. 7,506,390 (REEX of 18328)	Application	2012-07-20	95/002,053		
Hill-Rom Services, Inc	Hospital Bed Including Moveable Foot Portion Inter Partes Reexamination of U.S. Patent No. 7,520,006 (REEX of 17710)	Application	2012-07-20	95/002,054		
Hill-Rom Services, Inc	Mattress Assembly Including Adjustable Length Foot Inter Partes Reexamination of U.S. Patent No. 7,669,263 (REEX of 17111)	Application	2012-07-20	95/002,055		
Hill-Rom Services, Inc	Coverlet For An Air Bed	Granted	1999-08-27	09/384,922	2000-12-12	6,158,070
Hill-Rom Services, Inc	Mattress assembly	Granted	2000-01-07	09/479,353	2001-06-05	6,240,584
Hill-Rom Services, Inc	Side bolster system for a mattress	Granted	1999-12-10	09/458,931	2001-06-12	6,243,894
Hill-Rom Services, Inc	Stretcher Having a Motorized Wheel (from Prov 8026)	Granted	1999-11-05	09/434,948	2001-12-18	6,330,926
Hill-Rom Services, Inc	Bed siderail	Granted	2000-03-17	09/528,464	2002-04-02	6,363,552
Hill-Rom Services, Inc	Ambulatory Assist Arm for a Bed (Con 9943)	Granted	2001-06-05	09/874,681	2002-06-04	6,397,416
Hill-Rom Services, Inc	Patient support with digital x-ray cassette (from Prov 8990, 9433)	Granted	2000-02-29	09/516,266	2002-06-04	6,398,409
Hill-Rom Services, Inc	Imaging Stretcher	Granted	2000-02-18	09/507,500	2002-07-23	6,421,854
Hill-Rom Services, Inc	Side bolster system for a mattress	Granted	2001-06-12	09/879,678	2002-08-13	6,430,763
Hill-Rom Services, Inc	Portable Locator System	Granted	1999-09-30	09/410,386	2003-03-25	6,539,393
Hill-Rom Services, Inc	Medical Accessory Support (From Prov 10095)	Granted	2001-06-05	09/874,486	2003-07-01	6,585,206
Hill-Rom Services, Inc	Stretcher having a motorized wheel (Con 9946)	Granted	2001-12-17	10/022,552	2003-07-08	6,588,523
Hill-Rom	Chair with Pull Out Sleep	Granted	2000-11-01	09/704,075	2003-07-08	6,588,837

Current Owners	App Title	Status	Filed Date	Application Number	Grant Date	Patent No.
Services, Inc	Surface					
Hill-Rom Services, Inc	Proning Bed And Method Of Operating The Same (From Prov 9049)	Granted	2001-03-16	09/810,376	2003-08-26	6,609,260
Hill-Rom Services, Inc	Apparatus for Positioning a Patient-Support Deck (CIP 9338)	Granted	2001-06-05	09/874,710	2003-09-09	6,615,429
Hill-Rom Services, Inc	Imaging Stretcher (DIV 9872)	Granted	2002-03-26	10/106,075	2003-09-09	6,615,430
Hill-Rom Services, Inc	Ambulatory Navigation System	Granted	2001-03-02	09/798,398	2003-09-16	6,622,088
Hill-Rom Services, Inc	Controls for a surgical theater system	Granted	2000-12-22	09/747,605	2003-10-28	6,639,623
Hill-Rom Services, Inc	Bed Siderail (Con 9877)	Granted	2002-04-02	10/114,628	2003-11-04	6,640,360
Hill-Rom Services, Inc	Patient Support Apparatus Having Auto Contour (From PROV 11569)	Granted	2002-04-10	10/119,470	2003-11-11	6,643,873
Hill-Rom Services, Inc	Foot Support for a Patient Support (from Prov 10435)	Granted	2001-06-01	09/872,594	2003-12-02	6,654,974
Hill-Rom Services, Inc	Hospital Bed (from Prov 9090)	Granted	2000-12-29	09/750,741	2003-12-09	6,658,680
Hill-Rom Services, Inc	Mattress Assembly (Cont 10794)	Granted	2002-12-04	10/309,469	2004-02-03	6,684,434
Hill-Rom Services, Inc	Foot Controls for a Bed (from Prov 9090)	Granted	2000-12-29	09/751,031	2004-02-17	6,691,346
Hill-Rom Services, Inc	Bed frame with reduced-shear pivot	Granted	2001-04-20	09/839,090	2004-02-24	6,694,549
Hill-Rom Services, Inc	Air fluidized bladders for a bed	Granted	2001-02-23	09/791,436	2004-02-24	6,694,555
Hill-Rom Services, Inc	Self-inflating mattress	Granted	2002-02-15	10/077,007	2004-02-24	6,694,556
Hill-Rom Services, Inc & Hill Rom, Inc.	Proning Bed	Granted	2000-04-21	09/914,992	2004-03-09	6,701,553
Hill-Rom Services, Inc	Imaging Stretcher with Pivotal Armboards, And Handles, Positioned Over Wheel Assemblies (DIV 13181)	Granted	2003-06-10	10/458,501	2004-03-09	6,701,554
Hill-Rom Services, Inc	Gap Filler For Bed (Div 9987)	Granted	2002-07-03	10/190,144	2004-03-16	6,704,954
Hill-Rom Services, Inc	Stretcher Having Pivotal and Lockable Patient Support Sections (CON 10836)	Granted	2003-02-06	10/359,987	2004-04-13	6,718,580
Hill-Rom Services, Inc	Force Optimization Surface Apparatus and Method (from PCT 9917)	Granted	1999-10-28	09/673,437	2004-04-20	6,721,980
Hill-Rom Services, Inc	Hygiene Monitoring System (from Provs 9676, 10191, 10861)	Granted	2000-10-30	09/699,796	2004-04-27	6,727,818
Hill-Rom Services, Inc	Ambulatory Assist Arm Apparatus (From Prov 11441)	Granted	2002-08-12	10/217,295	2004-05-04	6,728,985
Hill-Rom Services, Inc	Air Supply Apparatus for an Air Mattress (from PCT	Granted	1998-08-24	09/509,452	2004-05-18	6,735,799

Current Owners	App Title	Status	Filed Date	Application Number	Grant Date	Patent No.
	8579)					
Hill-Rom Services, Inc	Motorized Traction Device for a Patient Support (from Prov 10618)	Granted	2001-05-11	09/853,221	2004-06-15	6,749,034
Hill-Rom Services, Inc	Optical isolation apparatus and method	Granted	2000-02-29	09/515,266	2004-06-15	6,750,463
Hill-Rom Services, Inc	Waste Segregation Compliance System (From Prov 10339)	Granted	2002-05-24	10/154,644	2004-07-06	6,759,959
Hill-Rom Services, Inc	Monitoring System and Method (Con 9052)	Granted	2001-04-03	09/825,392	2004-11-16	6,819,254
Hill-Rom Services, Inc	Patient Transfer Apparatus (Div N1-13856)	Granted	2004-01-15	10/757,868	2004-11-23	6,820,292
Hill-Rom Services, Inc	Bed Siderail Pad Apparatus	Granted	2002-09-26	10/255,196	2004-11-23	6,820,293
Hill-Rom Services, Inc	Integrated Barrier and Fluid Supply for a Hospital Bed (From Prov 12750)	Granted	2002-10-01	10/261,771	2004-12-14	6,829,796
Hill-Rom Services, Inc	Combination Bed Mover and Patient Transfer Apparatus (From Prov 11065)	Granted	2002-09-20	10/247,991	2004-12-28	6,834,402
Hill-Rom Services, Inc	Patient Support Apparatus Having Auto Contour (Cont. N1-13357)	Granted	2003-09-25	10/670,941	2005-01-11	6,839,926
Hill-Rom Services, Inc	Hospital monitoring and control system and method (from Provs 9445, 10497, 11009)	Granted	2001-05-04	09/849,688	2005-04-05	6,876,303
Hill-Rom Services, Inc	Motorized Traction Device for a Patient Support (Con)	Granted	2004-02-20	10/783,267	2005-04-12	6,877,572
Hill-Rom Services, Inc	Patient support	Granted	2003-08-26	10/648,053	2005-04-19	6,880,189
Hill-Rom Services, Inc	Headwall (From Prov 12160)	Granted	2002-05-23	10/154,312	2005-05-24	6,895,715
Hill-Rom Services, Inc	Stretcher Having a Motorized Wheel (Cont 13016)	Granted	2003-05-07	10/431,205	2005-06-07	6,902,019
Hill-Rom Services, Inc	Load Cell Apparatus (from Prov 9949)	Granted	2000-09-26	09/669,707	2005-08-02	6,924,441
Hill-Rom Services, Inc	Siderail Pad for Hospital Bed (Cont 11179)	Granted	2003-07-25	10/627,226	2005-08-16	6,928,673
Hill-Rom Services, Inc	Hospital bed	Granted	2003-12-09	10/731,720	2005-10-25	6,957,461
Hill-Rom Services, Inc	Architectural Bed Docking Apparatus (From Prov 12160)	Granted	2002-05-17	10/150,574	2005-12-27	6,978,499
Hill-Rom Services, Inc	Foot Controls For A Bed (CON 11473)	Granted	2003-12-18	10/740,169	2005-12-27	6,978,500
Hill-Rom Services, Inc	Patient Support Apparatus Having a Motorized Wheel (CON 14513)	Granted	2004-11-23	10/998,329	2006-03-14	7,011,172
Hill-Rom Services, Inc	Braking Apparatus for a Patient Support (from Prov 12989, CIP 11341 (which is from Prov 10618))	Granted	2003-01-03	10/336,576	2006-03-21	7,014,000
Hill-Rom	Hygiene Monitoring	Granted	2003-10-31	10/698,652	2006-03-21	7,015,816

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Services, Inc	System (Con 11323)					
Hill-Rom Services, Inc	Overbed Table for Use With a Patient Support (CIP 11463)	Granted	2002-08-02	10/211,111	2006-04-25	7,032,522
Hill-Rom Services, Inc	Infant Monitoring System and Method (Con 12393)	Granted	2001-09-21	09/960,429	2006-04-25	7,034,690
Hill-Rom Services, Inc	Hospital Bed (From Prov 11475)	Granted	2002-03-27	10/107,777	2006-05-02	7,036,166
Hill-Rom Services, Inc	Patient Removal System (From Prov 14505)	Granted	2005-03-29	11/091,963	2006-06-06	7,055,190
Hill-Rom Services, Inc	Patient Care Equipment Management System (From Provs 14124 and 14830)	Granted	2004-03-17	10/802,289	2006-06-27	7,065,812
Hill-Rom Services, Inc	Bed Having a Removable Foot Section (DIV OF N1-12745)	Granted	2004-06-18	10/871,598	2006-07-11	7,073,221
Hill-Rom Services, Inc	Apparatus For Carrying Medical Equipment (from Prov 13583)	Granted	2003-11-05	10/700,501	2006-07-11	7,073,765
Hill-Rom Services, Inc	Portable Locator System (Cont. N1-12394)	Granted	2003-03-25	10/396,677	2006-07-18	7,080,061
Hill-Rom Services, Inc	Motorized Traction Device for a Patient Support (CONT)	Granted	2005-04-12	11/104,228	2006-08-01	7,083,012
Hill-Rom Services, Inc	Motorized Traction Device for a Patient Support (Div 11341)	Granted	2004-02-20	10/783,215	2006-08-15	7,090,041
Hill-Rom Services, Inc	Hospital Bed and Network System (From Prov 10857)	Granted	2002-04-01	10/114,682	2006-08-15	7,092,376
Hill-Rom Services, Inc	Patient Point of Care Computer System (From Prov 12333)	Granted	2002-08-02	10/211,451	2006-12-26	7,154,397
Hill-Rom Services, Inc	Foot Controls for a Bed (CON 15298)	Granted	2005-11-23	11/287,523	2007-02-06	7,171,708
Hill-Rom Services, Inc	Motorized Traction Device for a Patient Support (CON 15406)	Granted	2005-05-11	11/127,012	2007-03-27	7,195,253
Hill-Rom Services, Inc	Article Locating and Tracking Apparatus and Method (From Prov 14317)	Granted	2004-04-12	10/822,525	2007-07-10	7,242,306
Hill-Rom Services, Inc	Docking Station for Patient Support (DIV 12966)	Granted	2005-12-27	11/318,689	2007-07-17	7,243,386
Hill-Rom Services, Inc	Article Locating and Tracking System (From Prov 11218)	Granted	2002-05-08	10/141,457	2007-07-24	7,248,933
Hill-Rom Services, Inc	Exit Alarm For A Hospital Bed Triggered By Individual Load Cell Weight Readings Exceeding A Predetermined Threshold (From Prov)	Granted	2004-12-10	11/009,872	2007-08-07	7,253,366
Hill-Rom Services, Inc	Mattress System for a Hospital Bed (From PROV)	Granted	2005-03-07	11/073,795	2007-08-28	7,260,860
Hill-Rom Services, Inc	Control Apparatus For A Patient Support (from PROV)	Granted	2006-01-09	11/328,416	2007-09-25	7,273,115
Hill-Rom	Patient Support Apparatus	Granted	2006-02-10	11/351,720	2007-10-23	7,284,626



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Services, Inc	With Powered Wheel (CON 16535)					
Hill-Rom Services, Inc	Apparatus and Method for Mounting Hospital Bed Accessories (CON 15791)	Granted	2006-08-28	11/511,007	2007-11-13	7,293,305
Hill-Rom Services, Inc	Hospital Bed (From Prov 13871)	Granted	2003-09-08	10/657,696	2007-11-20	7,296,312
Hill-Rom Services, Inc	Patient Support Surface	Granted	2006-01-04	11/325,656	2007-11-20	7,296,314
Hill-Rom Services, Inc	Side And End Brake/Steer Mechanism For Stretchers	Granted	2003-01-22	10/349,428	2007-12-04	7,302,717
Hill-Rom Services, Inc	Patient support apparatus	Granted	2004-12-14	11/011,658	2007-12-15	7,310,839 <sup>3</sup>
Hill-Rom Services, Inc	Overbed table for use with a patient support	Granted	2006-04-12	11/402,379	2008-01-01	7,314,010 <sup>4</sup>
Hill-Rom Services, Inc	Information Management System For Bed Data (CON)	Granted	2006-01-11	11/330,021	2008-01-01	7,315,535
Hill-Rom Services, Inc	Configurable System for Alerting Caregivers (from PROV)	Granted	2005-07-27	11/189,781	2008-01-15	7,319,386
Hill-Rom Services, Inc	Advanced Articulation System and Mattress Support for a Bed (From PROV)	Granted	2005-07-29	11/192,698	2008-02-05	7,325,265
Hill-Rom Services, Inc	Force Optimization Surface Apparatus and Method (CON 11088)	Granted	2004-04-20	10/827,810	2008-02-12	7,330,127
Hill-Rom Services, Inc	Pulmonary therapy apparatus	Granted	2004-08-17	10/919,652	2008-03-18	7,343,916
Hill-Rom Services, Inc	Brake/Steer Mechanism For Patient Support Apparatus (CON 13960)	Granted	2006-01-30	11/342,449	2008-03-25	7,346,942
Hill-Rom Services, Inc	Mattress With Automatic Width Adjustment (CON 16111)	Granted	2007-07-09	11/774,847	2008-04-29	7,363,663
Hill-Rom Services, Inc	Patient Care Equipment Transfer Between Hospital Bed and Architectural System (CON 15982)	Granted	2006-11-28	11/605,018	2008-07-01	7,392,621
Hill-Rom Services, Inc	Plug & Receptacle Having Wired and Wireless Coupling (FROM PCT)	Granted	2004-08-19	10/568,918	2008-07-15	7,399,205
Hill-Rom Services, Inc	Patient Support Having Powered Adjustable Width (From PROV)	Granted	2005-07-29	11/192,887	2008-08-05	7,406,729
Hill-Rom Services, Inc	Motorized Traction Device for a Patient Support (CON 16631)	Granted	2007-03-14	11/685,964	2008-08-05	7,407,024
Hill-Rom Services, Inc	Hygiene Monitoring System (CON 15120)	Granted	2006-01-25	11/339,378	2008-08-05	7,408,470
Hill-Rom Services, Inc	Patient Care Equipment Support Lock (From PCT N2-15785)	Granted	2004-10-12	10/575,405	2008-09-02	7,418,749

<sup>3</sup> The Company intends to allow this patent to lapse in due course.

<sup>4</sup> The Company intends to allow this patent to lapse in due course.

Current Owners	App Title	Status	Filed Date	Application Number	Grant Date	Patent No.
Hill-Rom Services, Inc	Movable Control Panel for a Patient Support (CON 16537)	Granted	2007-04-03	11/695,802	2008-10-07	7,430,771
Hill-Rom Services, Inc	Load Cell Based Hospital Bed Control (Cont.)	Granted	2007-08-03	11/833,311	2008-10-21	7,437,787
Hill-Rom Services, Inc	Caregiver and Equipment Monitoring and Control System (CON 10869)	Granted	2005-03-09	11/075,979	2008-10-28	7,443,302
Hill-Rom Services, Inc	System and Method for Managing Workflow (From PROV)	Granted	2006-01-05	11/325,776	2008-10-28	7,443,303
Hill-Rom Services, Inc	Article Locating and Tracking Apparatus and Method (DIV)	Granted	2007-06-28	11/770,178	2008-11-11	7,450,024
Hill-Rom Services, Inc	Hospital Bed (CON of NI-15297)	Granted	2005-10-24	11/257,438	2008-11-25	7,454,805
Hill-Rom Services, Inc	Bed Having a Chair Egress Position (from Prov 14717)	Granted	2005-07-29	11/192,897	2008-12-02	7,458,119
Hill-Rom Services, Inc	Seat Force Sensor For A Patient Support (from PCT)	Granted	2004-12-10	10/581,870	2008-12-02	7,459,645
Hill-Rom Services, Inc	Bed With Automatically Identifiable Mattress Type (CON 16111)	Granted	2007-07-09	11/774,874	2008-12-09	7,461,425
Hill-Rom Services, Inc	Hospital Bed (from PROV)	Granted	2005-03-07	11/073,811	2008-12-16	7,464,425
Hill-Rom Services, Inc	Bed Having a Patient Position Monitoring System (From Prov 15043)	Granted	2005-09-07	11/221,217	2008-12-16	7,464,605
Hill-Rom Services, Inc	Handrail means of bed frame	Granted	2007-11-07	11/979,663	2008-12-23	7,467,427
Hill-Rom Services, Inc	Method and Apparatus for Improving Air Flow Under a Patient (FROM PROV)	Granted	2005-10-05	11/243,664	2008-12-30	7,469,432
Hill-Rom Services, Inc	Patient Support with Variable Length Actuator and Release Mechanism for Lowering a Sectional Support Surface (CON 15224)	Granted	2005-02-14	11/057,791	2008-12-30	7,469,433
Hill-Rom Services, Inc	Pressure Relief Surface (CON 15295)	Granted	2006-01-03	11/324,447	2008-12-30	7,469,436
Hill-Rom Services, Inc	Hospital Bed Obstacle Detection Device and Method (from PCT 14492)	Granted	2003-04-21	10/510,996	2009-01-06	7,472,437
Hill-Rom Services, Inc	Patient Support Apparatus Having A Brake/Steer Mechanism With A Foot Pedal Gear Reducer (Cont.)	Granted	2007-08-13	11/837,726	2009-01-27	7,480,948
Hill-Rom Services, Inc	Hospital Bed Having Head Angle Alarm (from prov)	Granted	2006-11-27	11/563,269	2009-02-10	7,487,562
Hill-Rom Services, Inc	Hospital Bed Control Apparatus (from PCT 14336)	Granted	2003-03-18	10/508,359	2009-03-10	7,500,280
Hill-Rom Services, Inc	Patient Support Apparatus Having Controller Area Network (cont. NI-13566)	Granted	2007-09-28	11/864,442	2009-03-24	7,506,390
Hill-Rom	Patient Support Surface	Granted	2007-11-19	11/942,032	2009-04-07	7,515,059

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Services, Inc	With Physiological Sensors(CON 15601)					
Hill-Rom Services, Inc	Hospital Bed Including Moveable Foot Portion (CIP of 13566)	Granted	2006-03-30	11/393,631	2009-04-21	7,520,006
Hill-Rom Services, Inc	Method of making and using a patient support apparatus having a motorized drive assembly (CONT from N1-17530)	Granted	2007-10-18	11/874,273	2009-05-12	7,530,412
Hill-Rom Services, Inc	Lift system for hospital bed	Granted	2008-05-02	12/114,293	2009-05-19	7,533,429
Hill-Rom Services, Inc	Patient Helper Apparatus (From PROV)	Granted	2006-02-07	11/349,393	2009-05-26	7,536,738
Hill-Rom Services, Inc	Overbed table for use with patient support (CON 17741)	Granted	2007-12-10	11/953,136	2009-06-02	7,540,243
Hill-Rom Services, Inc	Forced Air Vent in Siderail (From Prov N1-15784)	Granted	2005-07-12	11/179,851	2009-06-09	7,543,583
Hill-Rom Services, Inc	Lack of Patient Movement Monitor and Method (From Prov 15361)	Granted	2005-05-02	11/119,635	2009-07-07	7,557,718
Hill-Rom Services, Inc	Patient Removal System (CON)	Granted	2007-04-13	11/735,141	2009-07-14	7,559,103
Hill-Rom Services, Inc	Support Surface with Inflatable Width Adjustment Portion (CON 16111)	Granted	2007-07-09	11/775,083	2009-07-28	7,565,710
Hill-Rom Services, Inc	Apparatus for Carrying Medical Equipment (CON 15241)	Granted	2006-06-12	11/423,606	2009-09-01	7,581,708
Hill-Rom Services, Inc	Chair	Granted	2005-08-16	11/204,609	2009-10-13	7,600,817
Hill-Rom Services, Inc	Lift system for hospital bed	Granted	2008-06-12	12/137,619	2009-11-03	7,610,637
Hill-Rom Services, Inc & Hill-Rom Inc	Hospital Bed (DIV)	Granted	2006-03-07	11/369,579	2009-11-03	7,610,638
Hill-Rom Services, Inc	Docking Station for Patient Support (CON 17509)	Granted	2007-06-28	11/770,213	2009-12-29	7,636,966
Hill-Rom Services, Inc	Patient Support with Mobile IV Stand Transport Handle (from PROV.)	Granted	2007-01-11	11/622,077	2009-12-29	7,637,464
Hill-Rom Services, Inc	System For Compression Therapy With Patient Support (From PCT)	Granted	2004-04-08	10/553,086	2010-01-05	7,641,623
Hill-Rom Services, Inc	Hospital Bed (From PROV)	Granted	2004-05-20	10/557,524	2010-01-12	7,644,457
Hill-Rom Services, Inc	Quick Connector for Multi-Media (From PROV)	Granted	2005-12-13	11/300,667	2010-01-19	7,648,392
Hill-Rom Services, Inc	Lift system for a patient-support apparatus	Granted	2007-12-19	11/960,254	2010-02-02	7,653,954
Hill-Rom Services, Inc	Birthing Bed Calf Support (from PROV)	Granted	2006-11-15	11/560,314	2010-02-09	7,657,953
Hill-Rom Services, Inc	Patient Support (From PROV)	Granted	2007-07-23	11/781,309	2010-02-09	7,657,956
Hill-Rom	Stowing Birthing Bed Foot	Granted	2006-11-15	11/560,335	2010-03-02	7,669,259

Current Owners	App Title	Status	Filed Date	Application Number	Grant Date	Patent No.
Services, Inc	Section (from prov)					
Hill-Rom Services, Inc	Mattress Assembly including Adjustable Length Foot (CON of 13566)	Granted	2006-03-30	11/393,645	2010-03-02	7,669,263
Hill-Rom Services, Inc	Birthing Bed Foot Support Release Handle (from PROV)	Granted	2006-11-15	11/560,330	2010-03-16	7,676,868
Hill-Rom Services, Inc	Patient Point-Of-Care Computer System (CON 12625)	Granted	2006-12-18	11/611,955	2010-03-16	7,679,520
Hill-Rom Services, Inc	Storable Foot Section for a Bed (From PROV)	Granted	2005-09-21	11/231,591	2010-03-30	7,685,659
Hill-Rom Services, Inc	Mattress with Heel Pressure Relief Portion (From PROV)	Granted	2005-06-02	11/143,004	2010-03-30	7,685,664
Hill-Rom Services, Inc	Hospital Bed Caster Control System (from PROV)	Granted	2006-11-15	11/560,337	2010-04-20	7,698,760
Hill-Rom Services, Inc	Patient Support (CON of 16719)	Granted	2006-01-03	11/324,520	2010-04-20	7,698,765
Hill-Rom Services, Inc	Patient Support Apparatus Having a Diagnostic System (CON)	Granted	2007-09-28	11/864,522	2010-04-27	7,703,158
Hill-Rom Services, Inc	Method and Apparatus for Improving Air Flow Under a Patient (CON 17332)	Granted	2008-12-23	12/342,181	2010-05-11	7,712,164
Hill-Rom Services, Inc	Patient Support Including Turn Assist, Low Air Loss, Or Integrated Lateral Transfer (from PROV)	Granted	2008-03-03	12/041,075	2010-05-11	7,712,171
Hill-Rom Services, Inc	Mattress Seat Force Sensing Method (CON)	Granted	2008-11-26	12/323,982	2010-05-11	7,714,238
Hill-Rom Services, Inc	Healthcare Computer System With Intra-Room Network (CON)	Granted	2007-12-19	11/959,660	2010-05-11	7,715,387
Hill-Rom Services, Inc	Apparatus with Patient Adjustment Device Coupled to Architectural System (from prov.)	Granted	2005-08-23	11/209,867	2010-06-01	7,725,964
Hill-Rom Services, Inc	Patient Support Having Powered Adjustable Width (DIV)	Granted	2008-08-01	12/184,661	2010-06-08	7,730,562
Hill-Rom Services, Inc	Universal Communications, Monitoring, Tracking, and Control System for a Healthcare Facility (from Prov 13878)	Granted	2003-09-29	10/673,980	2010-06-08	7,734,476
Hill-Rom Services, Inc	Patient Care Equipment Management System (CON 17801)	Granted	2007-04-19	11/737,298	2010-06-15	7,735,788
Hill-Rom Services, Inc	Configurable System for Alerting Caregivers (CON)	Granted	2007-12-20	11/960,768	2010-06-29	7,746,218
Hill-Rom Services, Inc	Stowing Birthing Bed Foot Section (from prov)	Granted	2006-11-15	11/560,346	2010-07-20	7,757,317
Hill-Rom Services, Inc	Siderail Spring Dampener (from PROV)	Granted	2005-10-06	11/244,939	2010-07-27	7,761,939
Hill-Rom	System and Method for	Granted	2008-10-27	12/258,654	2010-09-14	7,796,045

Current Owners	App Title	Status	Filed Date	Application Number	Grant Date	Patent No.
Services, Inc	Managing Workflow (CON N1-17491)					
Hill-Rom Services, Inc	Siderail for a Hospital Bed (From PROV 15238)	Granted	2006-03-06	11/368,791	2010-10-05	7,805,782
Hill-Rom Services, Inc	Motorized Traction Device for a Patient Support (CON 16631)	Granted	2008-08-04	12/185,310	2010-11-09	7,828,092
Hill-Rom Services, Inc	Healthcare Computer System (DIV of 19528)	Granted	2010-04-09	12/757,072	2010-11-09	7,831,447
Hill-Rom Services, Inc	Support Surface with Inflatable Core Zones (CON 19103)	Granted	2009-06-17	12/486,181	2010-11-16	7,832,039
Hill-Rom Services, Inc	Obstruction Detection Apparatus For A Bed(CON 15959)	Granted	2007-09-07	11/851,535	2010-11-16	7,834,768
Hill-Rom Services, Inc	Hospital Bed (from N1 16130)	Granted	2008-12-03	12/327,381	2010-12-07	7,845,032
Hill-Rom Services, Inc	Frame for a patient-support apparatus	Granted	2007-12-19	11/960,303	2010-12-14	7,849,539
Hill-Rom Services, Inc	Wireless Bed Connectivity (From PROV)	Granted	2007-02-07	11/672,367	2010-12-14	7,852,208
Hill-Rom Services, Inc	Hospital Bed Side Rail With Medical Treatment Control Unit (DIV 12965)	Granted	2004-12-06	11/005,583	2011-01-11	7,865,982
Hill-Rom Services, Inc	Patient Care Equipment Support Transfer System	Granted	2007-04-26	11/740,572	2011-01-11	7,865,983
Hill-Rom Services, Inc	Association of Support Surfaces And Beds	Granted	2007-08-29	11/846,906	2011-01-11	7,868,740
Hill-Rom Services, Inc	User Interface And Control System For Powered Transport Device Of A Patient Support Apparatus (from PROV)	Granted	2007-10-02	11/865,763	2011-02-08	7,882,582
Hill-Rom Services, Inc	Patient Support Having Real Time Pressure Control (from PROV)	Granted	2005-05-02	11/119,991	2011-02-08	7,883,478
Hill-Rom Services, Inc	Push Handle With Rotatable User Interface	Granted	2008-01-29	12/021,346	2011-02-15	7,886,377
Hill-Rom Services, Inc	Improved Mattress (From PCT 39182)	Granted	2006-03-28	11/909,783	2011-02-15	7,886,386
Hill-Rom Services, Inc	Combined Locating, Tracking and Communications System (from PCT 15825)	Granted	2004-05-14	10/556,670	2011-03-15	7,907,053
Hill-Rom Services, Inc	Hospital Bed Computer System (CON 18304)	Granted	2010-02-23	12/710,407	2011-03-22	7,911,349
Hill-Rom Services, Inc	Variable Height Siderail for a Bed (from PCT)	Granted	2005-03-02	10/598,758	2011-04-05	7,917,978
Hill-Rom Services, Inc	Pulmonary therapy apparatus	Granted	2008-02-28	12/038,840	2011-04-26	7,931,607
Hill-Rom Services, Inc	Pressure Relief Surface (CON 18055)	Granted	2008-12-24	12/343,613	2011-05-10	7,937,791
Hill-Rom Services, Inc	Air Control System for Therapeutic Support Surfaces	Granted	2007-10-09	11/869,291	2011-07-05	7,971,300
Hill-Rom Services, Inc	Pulmonary Mattress (from PROV)	Granted	2007-05-08	11/745,694	2011-07-12	7,975,335

Current Owners	App Title	Status	Filed Date	Application Number	Grant Date	Patent No.
Hill-Rom Services, Inc	Fluidized bed	Granted	2009-08-19	12/543,531	2011-07-12	7,975,337
Hill-Rom Services, Inc	Electrical Connector Assembly Suitable For A Bed Footboard (CON 16340)	Granted	2007-07-09	11/774,744	2011-07-26	7,986,242
Hill-Rom Services, Inc	Apparatus with Patient Adjustment Device Coupled to Architectural System (DIV of 17099)	Granted	2010-05-28	12/789,990	2011-08-09	7,992,237
Hill-Rom Services, Inc	Stretcher Foot Pedal Arrangement (From 17839) DIV	Granted	2010-09-16	12/883,234	2011-09-13	8,016,301
Hill-Rom Services, Inc	System for Monitoring Caregivers and Equipment at a Patient Location (CON 16693)	Granted	2008-10-24	12/258,058	2011-09-27	8,026,821
Hill-Rom Services, Inc	Association of Support Surfaces And Beds (CON of 15954)	Granted	2010-12-07	12/961,608	2011-10-04	8,031,057
Hill-Rom Services, Inc	Patient Support Surface with Vital Signs Sensors (CON 19429)	Granted	2009-04-03	12/418,126	2011-10-04	8,031,080
Hill-Rom Services, Inc	Obstruction Detecting Force Sensing System Wherein The Threshold Force Value For Detecting An Obstruction is Set According to the Configuration of The Bed	Granted	2009-09-15	12/559,743	2011-10-18	8,039,766
Hill-Rom Services, Inc	Distributed Fault Tolerant Architecture for a Healthcare Communication System (FROM PROV)	Granted	2009-02-12	12/369,818	2011-10-25	8,046,625
Hill-Rom Services, Inc	Hospital Bed Control Apparatus (CON 16270)	Granted	2009-02-09	12/367,877	2011-11-01	8,048,005
Hill-Rom Services, Inc	Motorized Traction Device for a Patient Support (CON 16993)	Granted	2010-10-28	12/914,625	2011-11-08	8,051,931
Hill-Rom Services, Inc	Patient Support Apparatus with Motorized Traction Control (DIV of 17263)	Granted	2010-12-07	12/961,768	2011-11-15	8,056,162
Hill-Rom Services, Inc	Patient Support Apparatus Having Auto Contour (from PROV)	Granted	2007-01-11	11/622,069	2011-12-06	8,069,513
Hill-Rom Services, Inc	Height Adjustable Bed with a Lift Chain Assembly and Components Thereof	Granted	2009-03-04	12/397,511	2011-12-13	8,074,309
Hill-Rom Services, Inc	Over-Molded Limb Support (Cont of 17681)	Granted	2010-03-12	12/723,099	2011-12-20	8,079,101
Hill-Rom Services, Inc	System and Method for Collection and Communication of Data from Multiple Patient Care Devices (From PROV)	Granted	2008-10-23	12/256,637	2011-12-20	8,082,160
Hill-Rom Services, Inc	Overbed Table for Use with Patient Support (CON	Granted	2009-05-28	12/473,309	2011-12-27	8,082,857

Current Owners	App Title	Status	Filed Date	Application Number	Grant Date	Patent No.
	19526)					
Hill-Rom Services, Inc	Control for Pressurized Bladder in a Patient Support Apparatus (from PCT.)	Granted	2006-06-12	11/916,766	2012-01-03	8,090,478
Hill-Rom Services, Inc	Storable Foot Section for a Bed (CONT of 17302)	Granted	2010-03-16	12/725,034	2012-01-24	8,099,807
Hill-Rom Services, Inc	Item Support Apparatuses and Systems for Bedside (From PROV 20300)	Granted	2009-06-12	12/483,568	2012-01-24	8,100,061
Hill-Rom Services, Inc	Siderail and Control Unit Therefor (From PROV N1-19978)	Granted	2009-03-11	12/402,013	2012-01-31	8,104,117
Hill-Rom Services, Inc	Height Adjustable Bed With A Push Chain Assembly	Granted	2010-02-18	12/708,178	2012-01-31	8,104,120
Hill-Rom Services, Inc	Patient Support Having an Extendable Foot Section (From PROV)	Granted	2006-12-18	11/612,070	2012-01-31	8,104,122
Hill-Rom Services, Inc	Transferable Patient Care Equipment Support (Merged and filed with N1-18604 & N1-18316)	Granted	2007-03-09	11/684,340	2012-01-31	8,104,729
Hill-Rom Services, Inc	Pulmonary Mattress (from PROV)	Granted	2008-05-19	12/122,808	2012-02-07	8,108,957
Hill-Rom Services, Inc	Patient-Support Apparatus with a Locking Deck Section (CON of 17682)	Granted	2010-02-18	12/708,344	2012-02-21	8,117,697
Hill-Rom Services, Inc	Sound conditioning system	Granted	2010-01-29	12/696,291	2012-02-21	8,117,699 <sup>5</sup>
Hill-Rom Services, Inc	Control unit for patient support (From PCT)	Granted	2006-07-07	11/994,478	2012-02-21	8,117,701
Hill-Rom Services, Inc	Hospital Bed With Network Interface Unit (CON 19581)	Granted	2009-12-04	12/631,135	2012-02-21	8,120,471
Hill-Rom Services, Inc	Remote Access To Healthcare Device Diagnostic Information (From PROV)	Granted	2006-06-27	11/426,709	2012-02-21	8,121,856
Hill-Rom Services, Inc	Wheel systems for a hospital bed	Granted	2011-02-07	13/021,823	2012-02-28	8,122,535 <sup>6</sup>
Hill-Rom Services, Inc	Adjustable Width Mattress with Relief Portions (CON 21128)	Granted	2010-11-15	12/946,516	2012-02-28	8,122,546
Hill-Rom Services, Inc	Wireless Control System For A Patient-Support Apparatus (from PROV)	Granted	2005-08-31	11/216,296	2012-02-28	8,125,318
Hill-Rom Services, Inc	Siderail Accessory Charging System	Granted	2010-04-09	12/757,272	2012-03-27	8,143,846
Hill-Rom Services, Inc	Mattress and Mattress Replacement System With and Intrinsic Contour Feature	Granted	2010-05-26	12/787,591	2012-04-03	8,146,187
Hill-Rom Services, Inc	Patient Support (CON of 18052)	Granted	2009-12-22	12/644,178	2012-04-03	8,146,191
Hill-Rom	Hospital Bed Frame (CON	Granted	2011-01-26	13/014,140	2012-04-10	8,151,387

<sup>5</sup> The Company intends to allow this patent to lapse in due course.

<sup>6</sup> The Company intends to allow this patent to lapse in due course.

Current Owners	App Title	Status	Filed Date	Application Number	Grant Date	Patent No.
Services, Inc	of N1-20321)					
Hill-Rom Services, Inc	User Station for Healthcare Communication System (from PROV)	Granted	2009-02-12	12/369,832	2012-05-01	8,169,304
Hill-Rom Services, Inc	Siderail Assembly	Granted	2010-03-15	12/724,000	2012-05-15	8,176,583
Hill-Rom Services, Inc	Patient-Support Apparatus with Movable Top(From PROV 17554)	Granted	2009-08-05	12/535,742	2012-05-15	8,176,584
Hill-Rom Services, Inc	Pressure Relief Surface (CON of 20982)	Granted	2011-05-09	13/103,360	2012-06-12	8,196,240
Hill-Rom Services, Inc	Pressure Reduction Healthcare Mattress System (From PCT 39174)	Granted	2007-01-31	12/162,346	2012-06-12	8,196,241
Hill-Rom Services, Inc	Method and Apparatus for Piezoelectric Sensor Status Assessment	Granted	2009-01-16	12/355,240	2012-07-10	8,217,667
Hill-Rom Services, Inc	Siderail Assembly For A Patient-Support Apparatus (from prov)	Granted	2009-03-13	12/403,724	2012-08-14	8,239,986
Hill-Rom Services, Inc	Patient Support Apparatus With Powered Wheel (CON 19305)	Granted	2009-04-24	12/429,349	2012-08-14	8,240,410
Hill-Rom Services, Inc	Apparatus with Patient Adjustment Device Coupled to Architectural System (DIV of 22688)	Granted	2011-08-09	13/206,065	2012-08-28	8,250,686
Hill-Rom Services, Inc	Hospital Bed Obstacle Detection Device and Method (CON 16394)	Granted	2008-12-31	12/347,124	2012-09-04	8,258,944
Hill-Rom Services, Inc	System for Monitoring Caregivers and Equipment at a Patient Location (CON 20722)	Granted	2011-09-21	13/238,899	2012-09-04	8,258,965
Hill-Rom Services, Inc	Transferable Patient Care Equipment Support (DIV of 17504)	Granted	2011-02-07	13/021,803	2012-09-04	8,258,973
Hill-Rom Services, Inc	Constant Low-Flow Air Source Control System and Method	Granted	2009-11-19	12/622,283	2012-09-04	8,260,475
Hill-Rom Services, Inc	Patient support apparatus with drive wheel speed control (CON of 19470)	Granted	2011-05-31	13/118,811	2012-09-04	8,260,517
Hill-Rom Services, Inc	Transferable Patient Care Equipment Support (From PROV. NI 14817)	Granted	2005-04-08	11/102,398	2012-09-11	8,262,036
Hill-Rom Services, Inc	Bed Movement Cessation based on IV Pump Alarm (includes subject matter of N1 34279)	Granted	2010-08-10	12/853,403	2012-09-18	8,266,741
Hill-Rom Services, Inc	Biometric Bed Configuration	Granted	2010-12-06	12/961,064	2012-09-18	8,266,742
Hill-Rom Services, Inc	Motorized Traction Device for a Patient Support (CON 22809)	Granted	2011-09-23	13/243,627	2012-09-18	8,267,206
Hill-Rom Services, Inc	Hospital Bed Having Wireless Data Capability	Granted	2008-05-28	12/128,390	2012-09-25	8,272,892



Current Owners	App Title	Status	Filed Date	Application Number	Grant Date	Patent No.
	(CON)					
Hill-Rom Services, Inc	Bed Management (from PROV)	Granted	2007-10-09	11/869,069	2012-10-02	8,280,748
Hill-Rom Services, Inc	Apparatuses For Supporting And Monitoring A Person (From PROV 20837)	Granted	2009-10-20	12/581,951	2012-10-09	8,281,433
Hill-Rom Services, Inc	Wireless Bed Connectivity (CON of 18300)	Granted	2010-12-03	12/959,486	2012-10-09	8,284,047
Hill-Rom Services, Inc	Canister Lift for a Patient Support Apparatus (from PROV)	Granted	2007-06-13	11/762,389	2012-10-23	8,291,532
Hill-Rom Services, Inc	Siderail Gap Filler (FROM PROV 19989)	Granted	2009-03-13	12/403,645	2012-10-30	8,296,884
Hill-Rom Services, Inc	Hospital Bed Having Multiple Touchscreen Displays	Granted	2010-02-26	12/714,013	2012-11-20	8,314,781
Hill-Rom Services, Inc	Localized Microclimate Management	Granted	2009-06-29	12/493,456	2012-12-11	8,327,477
Hill-Rom Services, Inc	Birthing bed lift off foot section (DIV OF 17703)	Granted	2010-07-12	12/834,681	2012-12-11	8,327,480
Hill-Rom Services, Inc	Chair	Granted	2009-10-07	12/575,182	2012-12-11	8,328,283
Hill-Rom Services, Inc	Patient Room And Bed Management Apparatus And System (Combined with N1-22324)	Granted	2010-02-19	12/708,891	2012-12-18	8,334,777
Hill-Rom Services, Inc	Touch Screen Control of a Hospital Bed (CON of 35173)	Granted	2011-12-20	13/331,148	2012-12-18	8,334,779
Hill-Rom Services, Inc	Bed With Mobile Lift Docking	Granted	2011-02-03	13/020,202	2012-12-25	8,336,134
Hill-Rom Services, Inc	Hospital Bed Having Caster Braking Alarm (DIV of 35082)	Granted	2012-01-31	13/362,780	2013-01-01	8,341,777
Hill-Rom Services, Inc	Retractable Foot Caster Supports (combined with N1 22993 and N1 22947)	Granted	2010-12-06	12/960,960	2013-01-01	8,341,779
Hill-Rom Services, Inc	Patient Support Apparatus Alert System (CON 35974)	Granted	2012-05-15	13/471,506	2013-01-01	8,344,860
Hill-Rom Services, Inc	Presence Detector and Occupant Support Employing the Same	Granted	2010-03-31	12/751,258	2013-01-08	8,350,709
Hill-Rom Services, Inc	Removable integrated board and partial foot section	Granted	2010-12-01	12/957,491	2013-01-15	8,353,071
Hill-Rom Services, Inc	Method and Apparatus for Relieving Shear Induced By and Occupant Support	Granted	2010-02-12	12/704,600	2013-02-05	8,365,330
Hill-Rom Services, Inc	Hygiene Monitoring System (CON 20457)	Granted	2010-10-11	12/901,891	2013-02-05	8,368,544
Hill-Rom Services, Inc	Hospital bed computer system with pharmacy interaction (CON of 22477)	Granted	2011-03-16	13/049,393	2013-02-05	8,368,545
Hill-Rom Services, Inc	Line management device for a hospital bed (CON OF 17840)	Granted	2010-06-30	12/826,886	2013-02-12	8,370,977
Hill-Rom Services, Inc	Egress Assist Footboard	Granted	2010-10-29	12/915,425	2013-02-26	8,381,337

Current Owners	App Title	Status	Filed Date	Application Number	Grant Date	Patent No.
Hill-Rom Services, Inc	Indicator Apparatus for Healthcare Communication System (from PROV)	Granted	2009-02-12	12/369,779	2013-02-26	8,384,526
Hill-Rom Services, Inc	Siderail Mechanism	Granted	2010-08-30	12/871,371	2013-03-05	8,387,179
Hill-Rom Services, Inc	Auto Contour Handle Apparatus (CON of 17724)	Granted	2011-06-07	13/154,697	2013-03-05	8,387,184
Hill-Rom Services, Inc	Distributed fault tolerant architecture for a healthcare communication system (CON of 21006)	Granted	2011-09-23	13/241,461	2013-03-05	8,392,747
Hill-Rom Services, Inc	Patient Support Apparatus With Powered Wheel (CON 19496)	Granted	2012-02-20	13/400,363	2013-03-19	8,397,846
Hill-Rom Services, Inc	Bed Exit Lighting (From PROV 20122)	Granted	2010-10-26	12/912,320	2013-04-02	8,410,943
Hill-Rom Services, Inc	Siderail Assembly For Patient Support Apparatus	Granted	2010-11-03	12/938,744	2013-04-09	8,413,270
Hill-Rom Services, Inc	Control of Hospital Bed Chair Egress Configuration Based on Patient Physiology (includes N1-22966, N1-22967, N1-22971 & N1-22977)	Granted	2010-11-22	12/951,158	2013-04-09	8,413,273
Hill-Rom Services, Inc	Chair	Granted	2011-11-01	13/286,528	2013-04-09	8,414,074
Hill-Rom Services, Inc	Bed Side Rail Having Cavity for Infusion Unit (CON of 34158)	Granted	2012-08-01	13/564,268	2013-04-16	8,418,287
Hill-Rom Services, Inc	Patient Support Having an Adjustable Popliteal Length Apparatus, System and Method (from PROV 14614)	Granted	2005-08-01	11/194,347	2013-04-16	8,418,291
Hill-Rom Services, Inc	Chair with movable arms and tables sections	Granted	2011-03-14	13/046,812	2013-04-16	8,419,124
Hill-Rom Services, Inc	Wireless bed locating system (CON 22307)	Granted	2011-12-23	13/336,044	2013-04-16	8,421,606
Hill-Rom Services, Inc	Low Noise Linear Diaphragm Compressor by Variable Amplitude Driver	Granted	2011-04-11	13/083,794	2013-04-30	8,429,778
Hill-Rom Services, Inc	Apparatus For Controlling Room Lighting In Response To Bed Exit	Granted	2010-07-30	12/847,160	2013-04-30	8,432,287
Hill-Rom Services, Inc	Patient Health Based Support Apparatus Configuration	Granted	2009-08-07	12/537,839	2013-05-07	8,437,876
Hill-Rom Services, Inc	Patient Support Apparatus with Movable Siderail Assembly	Granted	2010-11-03	12/938,804	2013-06-04	8,453,283
Hill-Rom Services, Inc	User Station for Healthcare Communication System (CON of 21001)	Granted	2012-04-11	13/444,516	2013-06-04	8,456,286
Hill-Rom Services, Inc	Laterally Rotating Patient Support Apparatus (CON of 20479)	Granted	2011-08-09	13/206,475	2013-06-11	8,458,833
Hill-Rom	Mattress for a Hospital Bed	Granted	2007-08-29	11/846,889	2013-06-11	8,461,968

Current Owners	App Title	Status	Filed Date	Application Number	Grant Date	Patent No.
Services, Inc	For Use In A Healthcare Facility And Management Of Same					
Hill-Rom Services, Inc	Patient Support Apparatus Having Alert Light (CON of 19579)	Granted	2011-12-22	13/334,161	2013-06-18	8,464,380
Hill-Rom Services, Inc	Hospital Bed With Chair Lockout (Combined with NI-22958)	Granted	2010-09-28	12/891,909	2013-07-02	8,474,072
Hill-Rom Services, Inc	User Interface for Power Drive System of a Patient Support Apparatus (CON of 18960)	Granted	2011-02-10	13/024,617	2013-07-02	8,474,073
Hill-Rom Services, Inc	Pulmonary Mattress (CON of 18757)	Granted	2011-07-08	13/178,852	2013-07-02	8,474,074
Hill-Rom Services, Inc	Adjustable Foot Section For A Patient Support Apparatus (includes NI 23007)	Granted	2011-02-04	13/021,370	2013-07-02	8,474,076
Hill-Rom Services, Inc	Side Rail with Two Position Storage Feature	Granted	2010-09-07	12/876,588	2013-07-16	8,484,778
Hill-Rom Services, Inc	System for Monitoring Caregivers and Equipment (CON 35753)	Granted	2012-08-30	13/599,110	2013-07-16	8,487,774
Hill-Rom Services, Inc	Pendant Assembly with Removable Tether	Granted	2011-03-17	13/050,141	2013-08-06	8,499,384
Hill-Rom Services, Inc	Thermoregulation Equipment for Patient Room (CON 20272)	Granted	2010-05-04	12/773,415	2013-08-06	8,499,503
Hill-Rom Services, Inc	Hospital bed obstacle detection apparatus (CON 20983)	Granted	2012-08-31	13/600,872	2013-08-06	8,502,663
Hill-Rom Services, Inc	Bed Structure with a Deck Section Motion Converter	Granted	2010-07-09	12/833,321	2013-08-27	8,516,634
Hill-Rom Services, Inc	Hospital Bed Foot Section with Caster Cutouts	Granted	2010-11-15	12/946,446	2013-09-03	8,522,379
Hill-Rom Services, Inc	Sensor control for apparatuses for supporting and monitoring a person (From PROV 21454) (combined with NI 21451)	Granted	2010-09-14	12/881,252	2013-09-03	8,525,679
Hill-Rom Services, Inc	Apparatuses for supporting and monitoring a condition of a person (From PROV 22077)(combined and filed with NI 33952 and NI 22453)	Granted	2010-09-14	12/881,285	2013-09-03	8,525,680
Hill-Rom Services, Inc	Patient Support Surface Index Control (From PROV 22024)	Granted	2010-09-14	12/881,249	2013-09-10	8,531,307
Hill-Rom Services, Inc	Hospital Bed With Nurse Call System Interface Unit (CON 22307)	Granted	2012-01-24	13/356,906	2013-09-17	8,536,990
Hill-Rom Services, Inc	Bed Status Indicators (CON of 19266)	Granted	2012-08-23	13/592,440	2013-09-17	8,537,008
Hill-Rom Services, Inc	Anthropometrically Governed Occupant	Granted	2009-11-13	12/618,256	2013-10-15	8,555,438

Current Owners	App Title	Status	Filed Date	Application Number	Grant Date	Patent No.
	Support (From PROV 19512)					
Hill-Rom Services, Inc	User Interface for Hospital Bed (from PROV)	Granted	2007-12-19	11/960,287	2013-11-05	8,572,778
Hill-Rom Services, Inc	Pulmonary Mattress (CON of 20091)	Granted	2011-09-23	13/243,483	2013-11-19	8,584,279
Hill-Rom Services, Inc	Boost Feature For A Bed	Granted	2008-11-26	12/324,497	2013-11-19	8,584,282
Hill-Rom Services, Inc	System and Method for Reporting Status of a Bed	Granted	2008-09-19	12/233,982	2013-11-26	8,593,284
Hill-Rom Services, Inc	Distributed Healthcare Communication System (from PROV)	Granted	2009-02-12	12/369,813	2013-12-03	8,598,995
Hill-Rom Services, Inc	Hygiene Compliance Reporting System (CON 20457)	Granted	2013-01-04	13/734,328	2013-12-03	8,598,996
Hill-Rom Services, Inc	Association of Support Surfaces And Beds (CON of 34157)	Granted	2011-09-23	13/242,255	2013-12-10	8,604,916
Hill-Rom Services, Inc	Hospital Bed Having User Input To Enable And Suspend Remote Monitoring Of Alert Conditions (Cont. of 34152)	Granted	2012-09-28	13/629,708	2013-12-10	8,604,917
Hill-Rom Services, Inc	Caregiver Assist Device (from Prov. N1 22466, N1 22527, N1 22736)	Granted	2011-03-08	13/042,502	2013-12-17	8,607,378
Hill-Rom Services, Inc	Bed Frame Assembly with a Lift System having a Translatable Carriage (From PROV 22549)	Granted	2010-12-14	12/967,440	2013-12-17	8,607,384
Hill-Rom Services, Inc	Patient-Support Apparatus Having Patient Entertainment Projector	Granted	2012-07-10	13/545,747	2013-12-17	8,607,388
Hill-Rom Services, Inc	Person-Support Apparatus With Movable Portions	Granted	2009-03-03	12/396,529	2013-12-31	8,615,827
Hill-Rom Services, Inc	Optical Detector At Point Of Care	Granted	2011-03-30	13/075,243	2013-12-31	8,616,438
Hill-Rom Services, Inc	Patient support, communication, and computing apparatus including movement of the support and connection to the hospital network (from PROV 22440)	Granted	2011-04-07	13/081,587	2013-12-31	8,618,918
Hill-Rom Services, Inc	Control for Pressurized Bladder in a Patient Support Apparatus (CON of 19493)	Granted	2011-12-22	13/335,373	2013-12-31	8,620,477
Hill-Rom Services, Inc	Above Bed Sensor	Granted	2010-07-30	12/847,337	2013-12-31	8,620,625
Hill-Rom Services, Inc	Hospital Bed Lift and Braking Mechanisms (CON of 17052)	Granted	2011-02-15	13/027,309	2014-01-07	8,621,690
Hill-Rom Services, Inc	Hospital Bed Seat Section Articulation for Chair Egress (combined with N1 22979)	Granted	2010-11-22	12/951,169	2014-02-04	8,640,285

Current Owners	App Title	Status	Filed Date	Application Number	Grant Date	Patent No.
Hill-Rom Services, Inc	Patient-Support Apparatus with a Locking Deck Section (CON of 22462)	Granted	2012-02-17	13/399,087	2014-02-04	8,640,287
Hill-Rom Services, Inc	Variable Height Siderail (From PCT 33584)	Granted	2013-01-04	13/733,980	2014-02-11	8,646,131
Hill-Rom Services, Inc	Multifunctional Display for Hospital Bed	Granted	2010-03-02	12/715,798	2014-02-18	8,650,682
Hill-Rom Services, Inc	Chair having powered leg extension	Granted	2012-12-07	13/708,419	2014-03-04	8,662,595
Hill-Rom Services, Inc	Hospital bed computer system for control of patient room environment (CON of 35173)	Granted	2013-01-10	13/738,085	2014-03-18	8,674,839
Hill-Rom Services, Inc	Bed Siderail Having Hand Hygiene Apparatus (CON of 21535)	Granted	2011-12-20	13/331,359	2014-03-25	8,677,528
Hill-Rom Services, Inc	Patient Support Apparatus with Storable Egress Handles	Granted	2010-10-08	12/900,607	2014-03-25	8,677,535
Hill-Rom Services, Inc	Method And Apparatus For Sensing Foot Retraction In A Mattress Replacement System	Granted	2009-11-18	12/621,019	2014-03-25	8,677,536
Hill-Rom Services, Inc	Architectural headwall cabinet for storing a lift device (CON of 22702)	Granted	2013-02-12	13/765,227	2014-04-01	8,683,750
Hill-Rom Services, Inc	Siderail handle (From PROV)	Granted	2011-07-29	13/194,278	2014-04-08	8,689,372
Hill-Rom Services, Inc	Core Instability System	Granted	2011-10-25	13/280,622	2014-04-22	8,701,230
Hill-Rom Services, Inc	Therapy Enabler System	Granted	2011-10-26	13/281,474	2014-04-29	8,707,483
Hill-Rom Services, Inc	Wireless Control System For A Patient Support Apparatus (From PROV)	Granted	2005-12-21	11/313,355	2014-04-29	8,710,950
Hill-Rom Services, Inc	Constant Low-Flow Air Source Control System And Method (CON of 21008)	Granted	2012-08-31	13/600,831	2014-04-29	8,712,591
Hill-Rom Services, Inc	Siderail Assembly For Patient Support Apparatus (combined with N1 22716)	Granted	2010-11-10	12/943,094	2014-05-06	8,713,727
Hill-Rom Services, Inc	Medical Gas Tank Holder For Patient Support Apparatus (From PCT 35584)	Granted	2013-01-04	13/733,962	2014-05-06	8,713,728
Hill-Rom Services, Inc	Bed Exit Alert Silence with Automatic Re-Enable (CIP of 22426)	Granted	2011-01-31	13/017,267	2014-05-06	8,717,181
Hill-Rom Services, Inc	Combined Power and Data Cord and Receptacle (CON of 20193)	Granted	2011-05-11	13/105,443	2014-05-20	8,727,804
Hill-Rom Services, Inc	Patient Support Apparatus with Movable Siderail Assembly (CON of 22999)	Granted	2013-05-08	13/889,407	2014-05-27	8,732,875
Hill-Rom Services, Inc	Upper Body Support Mechanism	Granted	2010-09-29	12/892,977	2014-05-27	8,732,876
Hill-Rom	Footboard with Linen	Granted	2012-01-23	13/355,658	2014-06-03	8,739,332

Current Owners	App Title	Status	Filed Date	Application Number	Grant Date	Patent No.
Services, Inc	Holder and Transport Shelf (From PROV 35087)					
Hill-Rom Services, Inc	Siderail Assembly For Patient Support Apparatus	Granted	2010-11-10	12/943,482	2014-06-10	8,745,786
Hill-Rom Services, Inc	System and Method for Controlling an Air Mattress (from PCT N2 17900)	Granted	2006-07-25	11/996,696	2014-06-10	8,745,788
Hill-Rom Services, Inc	Systems for Patient Support, Monitoring and Treatment (From Prov 21849)	Granted	2010-07-06	12/830,497	2014-06-17	8,752,220
Hill-Rom Services, Inc	System and Method For Collection and Communication of Data From Multiple Patient Care Devices (CON of 20670)	Granted	2011-11-23	13/303,624	2014-06-17	8,756,078
Hill-Rom Services, Inc	User Interface for Power Drive System of a Patient Support Apparatus (CON of 35081)	Granted	2013-07-01	13/932,364	2014-06-24	8,756,726
Hill-Rom Services, Inc	Method and Apparatus for Relieving Shear Induced by an Occupant Support (DIV of 21924)	Granted	2013-01-02	13/732,634	2014-06-24	8,756,732
Hill-Rom Services, Inc	Patient Helper with Egress Handle (from PROV 35080)	Granted	2012-01-31	13/362,588	2014-06-24	8,756,735
Hill-Rom Services, Inc	Powered Transport System and Control Methods (From 20815)	Granted	2010-09-09	12/878,057	2014-06-24	8,757,308
Hill-Rom Services, Inc	Distributed fault tolerant architecture for a healthcare communication system (CON of 35831)	Granted	2013-02-20	13/771,718	2014-06-24	8,762,766
Hill-Rom Services, Inc	System for Monitoring Caregivers and Equipment (CON 36558)	Granted	2013-07-11	13/939,329	2014-07-01	8,766,804
Hill-Rom Services, Inc	Nurse Call System With Additional Status Board (CIP of 22325)	Granted	2010-02-24	12/711,850	2014-07-15	8,779,924
Hill-Rom Services, Inc	Patient Room and Bed Management Apparatus and System (CIP of 18989)	Granted	2010-02-24	12/711,912	2014-08-05	8,799,011
Hill-Rom Services, Inc	Indicator Apparatus For Healthcare Communication System (CON of 21004)	Granted	2013-02-22	13/774,527	2014-08-12	8,803,668
Hill-Rom Services, Inc	User Station for Healthcare Communication System (CON of 36246)	Granted	2013-06-03	13/908,062	2014-08-12	8,803,669
Hill-Rom Services, Inc	Advanced Articulation System and Mattress Support for a Bed (CON)	Granted	2007-12-21	11/962,682	2014-08-19	8,806,682
Hill-Rom Services, Inc	Moisture Detection System	Granted	2011-07-19	13/185,751	2014-09-09	8,826,473
Hill-Rom Services, Inc	Hospital Bed Control Apparatus (DIV of 21071)	Granted	2011-10-26	13/281,988	2014-09-09	8,827,931
Hill-Rom	Patient Support With	Granted	2010-02-08	12/701,655	2014-09-16	8,832,884

Current Owners	App Title	Status	Filed Date	Application Number	Grant Date	Patent No.
Services, Inc	Orientation Sensitive Air Bladder Control (DIV of 18935)					
Hill-Rom Services, Inc	Occupant Support With An Extended Functionality Occupant Position Monitoring System (From PROV 36835)	Granted	2013-01-30	13/754,244	2014-09-16	8,836,498
Hill-Rom Services, Inc	Apparatus for supporting and monitoring a person (From PROV 22441)	Granted	2011-06-06	13/153,592	2014-09-30	8,844,073
Hill-Rom Services, Inc	Footboard with Partial Mattress Integration	Granted	2010-10-22	12/910,353	2014-09-30	8,844,075
Hill-Rom Services, Inc	Control of Hospital Bed Chair Egress Configuration Based on Patient Physiology (CON of 22964)	Granted	2013-04-03	13/855,833	2014-09-30	8,844,078
Hill-Rom Services, Inc	Pressure Control for a Hospital Bed (From PCT)	Granted	2006-07-07	11/994,477	2014-09-30	8,844,079
Hill-Rom Services, Inc	Multi-Directional Optical Reader For A Patient Support	Granted	2011-08-24	13/216,341	2014-09-30	8,844,820
Hill-Rom Services, Inc	Gas Supply System	Granted	2010-07-21	12/840,609	2014-09-30	8,845,562
Hill-Rom Services, Inc	Bed Status Indicators (CON of 19266)	Granted	2013-09-12	14/025,107	2014-09-30	8,847,756
Hill-Rom Services, Inc	Siderail Latching Mechanism	Granted	2010-09-29	12/892,967	2014-10-07	8,850,639
Hill-Rom Services, Inc	Patient Support Having an Adjustable Popliteal Length Apparatus, System and Method (CON of N1-36973)	Granted	2013-04-15	13/862,751	2014-10-14	8,856,987
Hill-Rom Services, Inc	Temperature and Moisture Regulating Topper for Non-Powered Person-Support Surfaces (CIP of 21418)	Granted	2011-05-03	13/099,543	2014-10-14	8,856,993
Hill-Rom Services, Inc	Patient Support Apparatuses With Exercise Functionalities (from PROV 34150)	Granted	2010-12-02	12/959,251	2014-10-14	8,858,409
Hill-Rom Services, Inc	Healthcare Communication System with White Board (CON of 36042)	Granted	2013-09-11	14/023,617	2014-10-21	8,866,598
Hill-Rom Services, Inc	Hospital Bed Obstacle Detection Apparatus (CON of 36564)	Granted	2013-08-02	13/957,575	2014-10-21	8,866,610
Hill-Rom Services, Inc	Patient Monitoring System (From PROV 34120)	Granted	2011-11-29	13/305,884	2014-12-09	8,907,287
Hill-Rom Services, Inc	Patient support having auto contour (CON of 35395)	Granted	2013-02-19	13/770,266	2014-12-16	8,910,329
Hill-Rom Services, Inc	Hospital Bed Having User Input to Enable and Suspend Remote Monitoring Of Alert Conditions (CON of 36580)	Granted	2013-12-06	14/098,937	2014-12-23	8,917,166

Current Owners	App Title	Status	Filed Date	Application Number	Grant Date	Patent No.
Hill-Rom Services, Inc	Ground Sensor Control of Foot Section Retraction	Granted	2010-12-20	12/973,069	2015-02-24	8,959,681
Hill-Rom Services, Inc	Optimization of the operation of a patient-support apparatus based on patient response	Granted	2011-12-08	13/314,669	2015-03-10	8,973,186
Hill-Rom Services, Inc	Bed Frame Assembly with a Lift System having a Translatable Carriage (CIP of 23044)	Granted	2013-11-04	14/071,048	2015-03-10	8,973,187
Hill-Rom Services, Inc	Occupant Protective Features for the Foot Region of a Bed	Granted	2010-09-08	12/877,597	2015-03-17	8,978,182
Hill-Rom Services, Inc	Bed with a Powered Width Expansion Wing	Granted	2012-05-10	13/468,424	2015-04-07	8,997,282
Hill-Rom Services, Inc	Automatic Patient Weight Measurement for Determining Pressure Relief Set Points	Granted	2011-09-23	13/242,048	2015-04-21	9,009,891
Hill-Rom Services, Inc	Occupant Support and Topper Assembly with Liquid Removal and Microclimate Control Capabilities (From PROV 35886)	Granted	2012-09-07	13/606,417	2015-04-21	9,009,892
Hill-Rom Services, Inc	Hospital Bed (CON of N1-34198)	Granted	2012-03-15	13/421,407	2015-04-21	9,009,893
Hill-Rom Services, Inc	Articulate Bed with a Translatable and Orientation Adjustable Deck Section and Volumetrically Adjustable Compensatory Element	Granted	2012-03-05	13/412,129	2015-04-21	9,009,895
Hill-Rom Services, Inc	Sensor Control For Apparatuses For Supporting and Monitoring A Person (CON of 33953)	Granted	2013-08-30	14/014,875	2015-04-21	9,013,315
Hill-Rom Services, Inc	Optical Detector At Point Of Care (CON of 22903)	Granted	2013-12-27	14/141,917	2015-04-28	9,016,563
Hill-Rom Services, Inc	Fluid Supply Control For Patient Support Surface (CON of 33955)	Granted	2013-09-05	14/019,002	2015-05-12	9,030,331
Hill-Rom Services, Inc	Person Support Apparatuses With Selectively Coupled Foot sections	Granted	2014-01-15	14/155,787	2015-05-26	9,038,218
Hill-Rom Services, Inc	Apparatuses For Supporting And Monitoring A Condition of a Person (CON of 33951)	Granted	2013-08-28	14/011,833	2015-06-02	9,044,204
Hill-Rom Services, Inc	Proxy Caregiver Interface	Granted	2012-07-24	13/556,255	2015-06-02	9,044,361
Hill-Rom Services, Inc	Healthcare Communication System Having Configurable Alarm Rules (CON of 36042)	Granted	2014-10-09	14/510,404	2015-06-09	9,050,031
Hill-Rom Services, Inc	Variable Height Siderail (CON of 36738)	Granted	2014-02-10	14/176,188	2015-06-23	9,060,619



Current Owners	App Title	Status	Filed Date	Application Number	Grant Date	Patent No.
Hill-Rom Services, Inc	Varying Depth Fluidized Bed (From PROV 35696)	Granted	2014-01-17	14/158,017	2015-06-23	9,060,908
Hill-Rom Services, Inc	Transition Assist Siderail and Article Employing the Same (CON of 20880)	Granted	2009-08-04	12/534,889	2015-07-07	9,072,638
Hill-Rom Services, Inc	Patient-Support Apparatus With A Configurable Siderail	Granted	2010-08-30	12/871,014	2015-08-11	9,101,517
Hill-Rom Services, Inc	Control for Pressurized Bladder in a Patient Support Apparatus (CON of 35959)	Granted	2013-12-18	14/132,761	2015-08-18	9,107,511
Hill-Rom Services, Inc	Patient Support Apparatuses With Exercise Functionalities (CON of 34145)	Granted	2013-09-27	14/039,927	2015-09-08	9,125,785
Hill-Rom Services, Inc	Topper with Preferential Fluid Flow Distribution (Includes 35625)	Granted	2012-02-14	13/396,224	2015-09-15	9,131,780
Hill-Rom Services, Inc	Person Support Apparatuses With Exercise Functionalities	Granted	2014-01-15	14/155,794	2015-09-15	9,132,051
Hill-Rom Services, Inc	System for bed and patient mobility device interoperability	Granted	2011-09-23	13/242,312	2015-09-22	9,138,173
Hill-Rom Services, Inc	Hospital Bed Having Wireless Data and Locating Capability (CON of 35339)	Granted	2014-05-13	14/276,279	2015-09-22	9,142,923
Hill-Rom Services, Inc	Stretcher Seat Section Articulation Mechanisms and Methods (From PROV 36379 & claim priority to (PROV 36356)	Granted	2013-06-18	13/920,330	2015-09-29	9,144,527
Hill-Rom Services, Inc	Bed Frame, Mattress and Bed with Enhanced Chair Egress Capability	Granted	2010-09-24	12/890,024	2015-10-06	9,149,403
Hill-Rom Services, Inc	Method and system for patient care management	Granted	2011-09-26	13/245,378	2015-10-06	9,152,768 <sup>7</sup>
Hill-Rom Services, Inc	Occupant Egress Prediction Systems, Methods and Devices (From PROV 36337)	Granted	2013-05-22	13/900,115	2015-10-20	9,165,449
Hill-Rom Services, Inc	Brake Pedal Mechanism for Hospital Bed (from PROV 35078)	Granted	2012-02-08	13/368,467	2015-11-03	9,173,795
Hill-Rom Services, Inc	Bed With A Powered Width Expansion Wing With Manual Release (From PROV 36601 and may include matter from N1-36872 & 36903)	Granted	2014-01-30	14/168,538	2015-11-03	9,173,796
Hill-Rom Services, Inc	Siderail assembly For Patient Support Apparatus (CON of 22962)	Granted	2014-01-02	14/146,280	2015-11-03	9,173,797
Hill-Rom Services, Inc	Bed Status System for a Patient Support Apparatus	Granted	2013-12-20	14/136,214	2015-11-03	9,177,465

<sup>7</sup> The Company intends to allow this patent to lapse in due course.  
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Current Owners	App Title	Status	Filed Date	Application Number	Grant Date	Patent No.
	(From PROV 36014)					
Hill-Rom Services, Inc	Patient Support Apparatus Having Movable Handles (from PROV 35411)	Granted	2013-12-06	14/098,749	2015-12-08	9,205,009
Hill-Rom Services, Inc	Algorithm for predicting and mitigating adverse events (From PROV 23081)	Granted	2013-03-11	13/793,848	2015-12-15	9,213,956
Hill-Rom Services, Inc	Patient Support Apparatus Having Alert Light (CON of 35973)	Granted	2013-06-13	13/916,664	2015-12-29	9,220,650
Hill-Rom Services, Inc	System for Compression Therapy (CON 17297)	Granted	2009-11-30	12/627,011	2015-12-29	9,220,655
Hill-Rom Services, Inc	Method and System for Controlling Evaporative and Heat Withdrawal Performance of an Occupant Support Surface	Granted	2010-07-15	12/836,606	2015-12-29	9,222,685
Hill-Rom Services, Inc	Patient Support Systems and Methods of Use (From PROV 36609)	Granted	2013-03-13	13/798,359	2016-01-05	9,228,885
Hill-Rom Services, Inc	System for Monitoring Caregivers and Equipment (CON 36558)	Granted	2014-06-30	14/318,803	2016-01-05	9,230,421
Hill-Rom Services, Inc	Patient Support With a Microclimate System and a Graphical User Interface (from PROV 36521)	Granted	2013-03-13	13/798,390	2016-01-12	9,233,038
Hill-Rom Services, Inc	User Station for Healthcare Communication System (CON of 37052)	Granted	2014-08-06	14/453,009	2016-01-12	9,235,979
Hill-Rom Services, Inc	Caregiver Rounding with Real Time Locating System Tracking (From PROV 36884)	Granted	2014-03-07	14/200,133	2016-01-19	9,240,120
Hill-Rom Services, Inc	Patient Support, Communication, and Computing Apparatus (CON of 35195)	Granted	2013-12-19	14/134,145	2016-02-02	9,253,259
Hill-Rom Services, Inc	Inflatable Patient Positioning Unit	Granted	2013-12-06	14/098,626	2016-02-16	9,259,098
Hill-Rom Services, Inc	Siderail with Storage Area (From PROV 20880)	Granted	2009-08-25	12/546,756	2016-02-16	9,259,371
Hill-Rom Services, Inc	Mattress Deflation Management (CON of 23005)	Granted	2013-12-02	14/093,881	2016-03-08	9,277,827
Hill-Rom Services, Inc	Hospital Bed Computer System Having Direct Caregiver Messaging (CON of 36735)	Granted	2014-03-13	14/207,819	2016-03-15	9,286,441
Hill-Rom Services, Inc	Facial Recognition Based Monitoring Systems and Methods	Granted	2012-03-02	13/410,421	2016-03-29	9,295,390
Hill-Rom Services, Inc	Person Support Apparatus with Activity and Mobility Sensing	Granted	2012-04-10	13/443,131	2016-03-29	9,295,600
Hill-Rom Services, Inc	Method, System and Device for Voice Message	Granted	2012-08-23	13/592,665	2016-03-29	9,298,881

Current Owners	App Title	Status	Filed Date	Application Number	Grant Date	Patent No.
	Recording and Playback at Point of Care					
Hill-Rom Services, Inc	Distributed Healthcare Communication System (CON of 20999)	Granted	2013-11-27	14/091,392	2016-03-29	9,299,242
Hill-Rom Services, Inc	Patient Monitoring System (CON of 35875)	Granted	2014-12-05	14/562,024	2016-04-05	9,301,689
Hill-Rom Services, Inc	Patient-Need Prediction System	Granted	2014-04-11	14/250,848	2016-04-12	9,311,804
Hill-Rom Services, Inc	User interface for hospital bed (CON of 18347)	Granted	2013-11-01	14/069,484	2016-04-26	9,320,664
Hill-Rom Services, Inc & Helvetia Wireless LLC	Systems and methods for detecting a liquid	Granted	2014-04-30	14/265,481	2016-04-26	9,322,797
Hill-Rom Services, Inc	Patient Support Systems and Methods of Use (CIP of 36910) (includes N1-36609, N1 36020 and N1 35110)	Granted	2013-03-14	13/828,186	2016-05-03	9,329,076
Hill-Rom Services, Inc	Medical Gas Tank Receptacle For Patient Support Apparatus (CON of 36737)	Granted	2014-05-05	14/269,492	2016-05-10	9,333,134
Hill-Rom Services, Inc	Sensors in a Mattress Cover (from PROV 36832)	Granted	2014-02-26	14/190,972	2016-05-10	9,333,136
Hill-Rom Services, Inc	Hospital Bed Having Patient Lifting Device (CON of 35101)	Granted	2013-12-11	14/102,914	2016-05-10	9,333,138
Hill-Rom Services, Inc	Healthcare Communication System for Programming Bed Alarms(CON of 38080)	Granted	2015-04-14	14/685,733	2016-05-10	9,336,672
Hill-Rom Services, Inc	Hygiene monitoring system	Granted	2013-10-09	14/049,308	2016-05-24	9,349,267 <sup>8</sup>
Hill-Rom Services, Inc	Patient Position Detection For Patient Support Surface (from PROV 36526)	Granted	2013-02-19	13/769,975	2016-06-07	9,358,168
Hill-Rom Services, Inc	Siderail Power Communication Interface	Granted	2010-04-09	12/757,233	2016-06-28	9,375,374
Hill-Rom Services, Inc	Automatic Weight Offset Calculation For Bed Scale Systems (From PROV 36184)	Granted	2013-03-08	13/789,919	2016-07-05	9,383,250
Hill-Rom Services, Inc	Hospital Bed Having Weigh Scale System (CON of 35867)	Granted	2014-09-03	14/475,622	2016-07-05	9,383,251
Hill-Rom Services, Inc	Hygiene Monitoring System (CON of 36736)	Granted	2014-06-12	14/302,821	2016-07-19	9,396,638
Hill-Rom Services, Inc	In-Room Alarm Configuration of Nurse Call System	Granted	2012-05-08	13/466,262	2016-08-09	9,411,934
Hill-Rom Services, Inc	Therapy Enabler System (CON of 34036)	Granted	2014-04-16	14/253,897	2016-08-30	9,427,365
Hill-Rom	Topper For a Patient	Granted	2014-02-26	14/190,969	2016-09-06	9,433,300

<sup>8</sup> The Company intends to allow this patent to lapse in due course.  
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Current Owners	App Title	Status	Filed Date	Application Number	Grant Date	Patent No.
Services, Inc	Surface (from PROV 36816)					
Hill-Rom Services, Inc	Dynamic Therapy Delivery System (from PROV 36707)	Granted	2014-02-04	14/171,800	2016-10-04	9,456,780
Hill-Rom Services, Inc	Microclimate System for a Patient Support Apparatus (From PROV 22156 & includes N1-36600)	Granted	2014-01-15	14/156,085	2016-10-11	9,463,124
Hill-Rom Services, Inc	Caregiver Universal Remote Cart for Patient Bed Control (From PROV 37493)	Granted	2015-03-06	14/640,182	2016-10-11	9,463,126
Hill-Rom Services, Inc	Association of Support Surfaces And Beds (CON of 35837)	Granted	2013-12-06	14/098,704	2016-10-11	9,465,915
Hill-Rom Services, Inc	Caregiver Rounding Communication System (CON of 37358)	Granted	2015-12-22	14/977,809	2016-10-11	9,465,916
Hill-Rom Services, Inc	Hospital Bed Having Near Field Communication Capability (From PROV 35904)	Granted	2012-11-28	13/687,005	2016-10-11	9,466,877
Hill-Rom Services, Inc	Medical Line Manager (From PROV 20880)	Granted	2009-08-25	12/547,054	2016-11-08	9,486,374
Hill-Rom Services, Inc	Bed Status System for a Patient Support Apparatus (CON of 37292)	Granted	2015-09-30	14/870,196	2016-11-08	9,489,818
Hill-Rom Services, Inc	Combined Siderail and Over-Bed Table	Granted	2010-02-05	12/701,042	2016-11-15	9,492,340
Hill-Rom Services, Inc	Hospital Bed With Graphical User Interface Having Advanced Functionality (from PROV)	Granted	2011-09-30	13/249,336	2016-11-15	9,492,341
Hill-Rom Services, Inc & Helvetia Wireless LLC	Systems and methods for detecting a liquid	Granted	2014-04-30	14/265,520	2016-11-29	9,506,886
Hill-Rom Services, Inc	Method and System for Controlling Evaporative and Heat Withdrawal from a Patient Support Surface (CON of 21926)	Granted	2015-11-19	14/945,481	2016-12-06	9,510,687
Hill-Rom Services, Inc	System Wide Firmware Updates to Networked Hospital Beds (CON of 37345)	Granted	2014-11-26	14/554,696	2016-12-06	9,513,899
Hill-Rom Services, Inc	Healthcare Communication System for Programming Bed Alarms(CON of 38584)	Granted	2016-02-26	15/054,217	2016-12-13	9,517,034
Hill-Rom Services, Inc	Distributed Healthcare Communication System (CON of 37348)	Granted	2016-02-25	15/053,303	2016-12-13	9,517,035
Hill-Rom Services, Inc	Person Support Systems (CON of 22468)	Granted	2014-10-07	14/508,690	2016-12-27	9,526,348
Hill-Rom	Control System For Patient	Granted	2013-03-14	13/803,608	2017-01-10	9,539,155

Current Owners	App Title	Status	Filed Date	Application Number	Grant Date	Patent No.
Services, Inc	Support Apparatus (From PROV 36104)					
Hill-Rom Services, Inc	Sensor Control For Apparatuses For Supporting and Monitoring A Person (CON of 37171)	Granted	2015-04-14	14/686,244	2017-01-24	9,549,675
Hill-Rom Services, Inc	Apparatuses For Supporting And Monitoring A Condition of a Person (CON of 37147)	Granted	2015-04-17	14/689,588	2017-01-24	9,549,705
Hill-Rom Services, Inc	Apparatus for Supporting and Monitoring a Person (CON of 35360 & Claims priority as a CIP to 37147)	Granted	2014-07-08	14/325,535	2017-01-24	9,552,460
Hill-Rom Services, Inc	Occupant Egress Prediction Systems, Methods and Devices (CON of 37045)	Granted	2015-09-17	14/857,006	2017-01-24	9,552,714
Hill-Rom Services, Inc	Configurable User Interface Systems for Hospital Bed (From Prov 35888 )	Granted	2012-07-02	13/540,140	2017-02-14	9,569,591
Hill-Rom Services, Inc	Systems and Methods for directing Fluid Flow in a Mattress (From PROV 36248)	Granted	2013-08-07	13/960,860	2017-02-21	9,572,433
Hill-Rom Services, Inc	Hospital Bed Having Communication Modules (CON of 37545)	Granted	2015-08-14	14/826,304	2017-02-21	9,572,737
Hill-Rom Services, Inc	Accessory Frame Attachment Apparatus (CON of 36048)	Granted	2014-06-09	14/299,202	2017-03-07	9,585,804
Hill-Rom Services, Inc	Patient Support Systems and Methods of Use (CON of 36910) (Also claims benefit to 36019, 35157, 36609 & 36866)	Granted	2013-06-20	13/922,979	2017-04-11	9,618,383
Hill-Rom Services, Inc	Variable Height Siderail (From PROV 22718)	Granted	2011-02-08	13/023,133	2017-04-25	9,629,768
Hill-Rom Services, Inc	Support System For A Lift Motor Unit (FROM PROV 36592)	Granted	2013-10-31	14/068,674	2017-04-25	9,629,769
Hill-Rom Services, Inc	Catheter Monitor Integration With Patient Support, Hygiene And Healthcare Communication Systems (from PROV 38267)	Granted	2015-08-19	14/829,692	2017-05-09	9,642,967
Hill-Rom Services, Inc	Patient Support Systems and Methods of Use (CON of 36866) (Claims Benefit of 36019, 35157, 36609 & 36910)	Granted	2013-06-20	13/922,982	2017-05-23	9,655,457
Hill-Rom Services, Inc	Occupant Support with a Migration Sensitive Bladder and Method for Migration Detection	Granted	2012-04-10	13/443,234	2017-05-23	9,655,795
Hill-Rom Services, Inc	Hospital Bed Obstacle Detection Apparatus (CON	Granted	2015-10-23	14/921,483	2017-05-23	9,655,796

Current Owners	App Title	Status	Filed Date	Application Number	Grant Date	Patent No.
	of 37584)					
Hill-Rom Services, Inc	Multi-Alert Lights For Hospital Bed (From PROV 36602)	Granted	2014-03-07	14/200,062	2017-05-23	9,655,798
Hill-Rom Services, Inc	Caregiver Rounding Communication System (CON of 38994)	Granted	2016-09-06	15/256,802	2017-05-23	9,659,148
Hill-Rom Services, Inc	System for Monitoring Caregivers and Equipment (CON of 37578)	Granted	2015-12-21	14/976,388	2017-05-30	9,666,061
Hill-Rom Services, Inc	Person Support Apparatuses Having Exercise Therapy Features (from PCT N2-37251)	Granted	2013-11-15	14/442,912	2017-06-27	9,687,401
Hill-Rom Services, Inc	Transfer Assist Apparatus	Granted	2009-04-30	12/433,268	2017-07-04	9,693,915
Hill-Rom Services, Inc	Fluidizable Bed with Occupancy Status Detection and Method of Occupancy Status Detection for a Fluidizable Bed (From PROV 35739 and 36462)	Granted	2012-10-15	13/651,639	2017-07-11	9,700,239
Hill-Rom Services, Inc	Patient Support Apparatus With Redundant Identity Verification (includes subject matter of prov N1 36245)	Granted	2013-03-12	13/796,697	2017-07-11	9,700,247
Hill-Rom Services, Inc	Patient Support (From PCT)	Granted	2006-07-07	11/994,777	2017-07-18	9,707,141
Hill-Rom Services, Inc	Occupant Support and Method for Positioning an Occupant on the Occupant Support	Granted	2011-03-03	13/039,409	2017-07-18	9,707,142
Hill-Rom Services, Inc	Person Support Apparatus Power Drive System (From PROV 36479 & 36478)	Granted	2013-03-12	13/795,404	2017-07-18	9,707,143
Hill-Rom Services, Inc	Equipment, Dressing and Garment Wireless Connectivity to a Patient Bed (From PROV 38026)	Granted	2015-10-09	14/879,179	2017-07-18	9,711,029
Hill-Rom Services, Inc	Hygiene Monitoring System (CON of 37560)	Granted	2016-05-10	15/150,527	2017-07-25	9,715,817
Hill-Rom Services, Inc	Microclimate System for a Patient Support Apparatus (CON of 37298)	Granted	2016-09-08	15/259,679	2017-08-15	9,730,847
Hill-Rom Services, Inc	System and Method for Association of Patient Care Devices to a Patient (CON of 35942)	Granted	2014-06-16	14/305,013	2017-08-15	9,734,293
Hill-Rom Services, Inc	Height Adjustable Bed Framework with a Lift Chain and a Planetary Gear Train	Granted	2010-09-10	12/879,699	2017-08-22	9,737,149
Hill-Rom Services, Inc	Sequential Compression Therapy Compliance Monitoring Systems and Methods (CIP of N1-	Granted	2013-09-30	14/041,128	2017-08-22	9,737,454

Current Owners	App Title	Status	Filed Date	Application Number	Grant Date	Patent No.
	34065)					
Hill-Rom Services, Inc	Siderail Assembly For Patient Support Apparatus (CON of 22963)	Granted	2014-06-06	14/298,217	2017-09-12	9,756,954
Hill-Rom Services, Inc	Adjustable Person Support System With Expansion Wings Driven By Dual Leadscrews and Center Mounted Motors( CIP of N2-37563)	Granted	2014-11-20	14/548,647	2017-09-12	9,757,293
Hill-Rom Services, Inc	Occupant Egress Prediction Systems, Methods and Devices (CON of 38863)	Granted	2016-12-19	15/383,462	2017-09-12	9,761,109
Hill-Rom Services, Inc	Patient-Need Prediction System (CON of 37499)	Granted	2016-04-06	15/091,922	2017-09-19	9,763,576
Hill-Rom Services, Inc	Bed Having Rack and Pinion Powered Width Expansion (CON of 36867)	Granted	2015-10-20	14/887,708	2017-09-19	9,763,840
Hill-Rom Services, Inc	Fluidizable Bed with Lateral Rotation Capability and Method of Operation Therefor (From PROV 36098)	Granted	2012-08-07	13/568,963	2017-09-19	9,763,842
Hill-Rom Services, Inc	Hygiene Compliance System (From PROV 38264)	Granted	2016-07-11	15/206,604	2017-09-26	9,773,403
Hill-Rom Services, Inc	Network Connectivity Unit for Hospital Bed (CON of 38341)	Granted	2016-10-24	15/332,428	2017-10-03	9,775,519
Hill-Rom Services, Inc	Person Support Apparatus Having Physiological Sensor (CON of 38585)	Granted	2016-12-15	15/379,578	2017-10-03	9,775,758
Hill-Rom Services, Inc & Helvetia Wireless LLC	Systems and methods for detecting a liquid	Granted	2016-01-25	15/005,943	2017-11-07	9,810,652
Hill-Rom Services, Inc	Person support apparatus	Granted	2012-11-12	14/356,041	2017-11-28	9,827,156
Hill-Rom Services, Inc	User Module for a Patient Support (CON of 17753)	Granted	2014-08-05	14/452,081	2017-11-28	9,827,157
Hill-Rom Services, Inc	Bed/Room/Patient Association Systems and Methods (From PROV 36207) (Includes New Matter Innov #688, #815, #1105, #1106, #990 & #996)	Granted	2014-09-16	14/487,279	2017-11-28	9,830,424
Hill-Rom Services, Inc	Person Support Apparatus With Spring Assistance For Articulation (From PROV 36608)	Granted	2013-10-29	14/065,826	2017-12-05	9,833,368
Hill-Rom Services, Inc	Patient Support Systems and Methods of Use (from PROV 36019 and also claim priority to 35157, 36609, 36019, 36866)	Granted	2013-06-20	14/409,271	2017-12-05	9,833,369
Hill-Rom	Estimation And Monitoring	Granted	2016-02-25	15/053,436	2017-12-05	9,836,942

Current Owners	App Title	Status	Filed Date	Application Number	Grant Date	Patent No.
Services, Inc	of Patient Torso Angle (From PROV 38180)					
Hill-Rom Services, Inc	User Interface for Hospital Bed (CON of 37238)	Granted	2016-03-21	15/075,610	2017-12-26	9,849,051
Hill-Rom Services, Inc	Bed Alarm Communication System (CON of 39112)	Granted	2016-10-24	15/332,092	2018-01-09	9,861,321
Hill-Rom Services, Inc	Adverse Condition Detection, Assessment, and Response Systems, Methods and Devices (From PROV 36338)	Granted	2013-05-22	13/900,209	2018-01-09	9,861,550
Hill-Rom Services, Inc	Mattress Topper, Occupant Support Assembly And Occupant Support System With Thermosensitive Vapor Transfer Characteristics (From PROV 36708)	Granted	2013-01-18	13/744,530	2018-03-06	9,907,718
Hill-Rom Services, Inc	Hygiene Monitoring System (CON of 39217)	Granted	2017-06-21	15/628,713	2018-03-06	9,911,312
Hill-Rom Services, Inc	Climate Management Topper with Shape Change Actuators for Regulating Coolant Distribution	Granted	2015-02-17	14/623,852	2018-03-13	9,913,770
Hill-Rom Services, Inc	Method for Assessing the Condition of a Tissue Sample with Coherent Electromagnetic Radiation (From PROV 38554 & 38593)	Granted	2016-04-05	15/090,981	2018-03-13	9,915,642
Hill-Rom Services, Inc	Person Support System With Width Expansion Wings Which Reach Extension Limits At Different Times (CON of 37873)	Granted	2017-05-24	15/603,821	2018-03-27	9,925,102
Hill-Rom Services, Inc	Hospital Bed and Room Communication Modules (CON of 38796)	Granted	2017-01-11	15/403,566	2018-03-27	9,925,104
Hill-Rom Services, Inc	Medical Line Manager (Continuation. of N1-20879)	Granted	2016-10-18	15/296,767	2018-04-03	9,931,258
Hill-Rom Services, Inc	Mattress Topper with Varying Flow Resistance (CON of N1-35443)	Granted	2015-07-22	14/805,818	2018-04-17	9,943,172
Hill-Rom Services, Inc	Distributed Healthcare Communication System (CON of 39111)	Granted	2016-10-24	15/332,699	2018-05-01	9,955,926
Hill-Rom Services, Inc	Occupant Support With A Translatable and Parallel Translatable Upper Body Section (CON of 22152)	Granted	2013-09-12	14/024,858	2018-05-01	9,956,127
Hill-Rom Services, Inc	Hygiene Compliance System (CON of 39264)	Granted	2017-08-18	15/680,627	2018-05-01	9,959,743
Hill-Rom Services, Inc	Caregiver Rounding Communication System (CON of 39414)	Granted	2017-04-27	15/498,873	2018-05-15	9,971,869



Current Owners	App Title	Status	Filed Date	Application Number	Grant Date	Patent No.
Hill-Rom Services, Inc	Occupant Falls Risk Determination Systems, Methods and Devices (CON of 39580)	Granted	2017-08-18	15/680,530	2018-05-22	9,978,244
Hill-Rom Services, Inc	Patient Bed Having Software Download Capability (CON of 38188)	Granted	2016-09-06	15/257,058	2018-06-26	10,004,654
Hill-Rom Services, Inc	Method and Apparatus for Monitoring and Reporting on the Status of an Occupant of an Occupant Support (From PROV 39084)	Granted	2017-03-15	15/459,212	2018-07-03	10,010,271
Hill-Rom Services, Inc	Cooling System for an Occupant of an Occupant Support and a Cooling Garment	Granted	2011-01-05	12/984,976	2018-07-03	10,010,446
Hill-Rom Services, Inc	Patient Care Device Integration with a Hospital Bed (CON of 38691)	Granted	2017-04-27	15/498,919	2018-07-10	10,016,325
Hill-Rom Services, Inc	Methods and Apparatus for the Detection of Moisture and Multifunctional Sensor Systems (From PCT 37420))	Granted	2014-09-11	15/123,109	2018-07-17	10,022,277
Hill-Rom Services, Inc	Patient Support With Dynamic Bar Code Generator (From PROV 36064)	Granted	2014-03-20	14/220,553	2018-07-17	10,026,505
Hill-Rom Services, Inc	Equipment, Dressing and Garment Wireless Connectivity to a Patient Bed (CON of 38890)	Granted	2017-06-08	15/617,514	2018-07-31	10,037,674
Hill-Rom Services, Inc	Self-Compensating Bed Scale System for Removable Components (From PROV 38484)	Granted	2016-04-25	15/137,306	2018-08-14	10,045,715
Hill-Rom Services, Inc	Bed With Automatic Weight Offset Detection And Modification (From PROV 38191)	Granted	2016-04-26	15/138,340	2018-08-21	10,054,479
Hill-Rom Services, Inc	Real-Time Patient Experience Monitoring System (from Provs 39197 & 39510)	Granted	2017-03-17	15/461,527	2018-09-04	10,068,461
Hill-Rom Services, Inc	Hospital Bed Having Wired and Wireless Network Connectivity (CON of 39518)	Granted	2017-09-08	15/698,690	2018-09-11	10,070,789
Hill-Rom Services, Inc	Wireless Bed Power (From PCT N21-37360)	Granted	2014-03-07	14/771,929	2018-09-11	10,075,214
Hill-Rom Services, Inc	Bed Alert Communication Method (CON of 39517)	Granted	2017-12-12	15/839,061	2018-10-16	10,098,593
Hill-Rom Services, Inc	Endboard For A Person Support Apparatus (From PROV 37331)	Granted	2014-11-05	14/534,139	2018-10-16	10,098,797
Hill-Rom	Patient Support With Air	Granted	2014-06-12	14/302,740	2018-10-16	10,098,798

Current Owners	App Title	Status	Filed Date	Application Number	Grant Date	Patent No.
Services, Inc	Bladder Control Sensitive to An Orientation Angle Sensor (CON of 22446)					
Hill-Rom Services, Inc	Person Support Apparatus Having Physiological Sensor (CON of 39576)	Granted	2017-08-10	15/673,760	2018-10-30	10,111,794
Hill-Rom Services, Inc	Location-Based Incontinence Detection (From PROV 39127)	Granted	2017-04-18	15/490,109	2018-10-30	10,115,291
Hill-Rom Services, Inc	Siderail Power Communication Interface (CON of 22524)	Granted	2016-06-07	15/175,642	2018-11-13	10,123,925
Hill-Rom Services, Inc	Estimation And Monitoring of Patient Torso Angle (CON of 39117)	Granted	2017-11-30	15/827,277	2018-11-13	10,127,788
Hill-Rom Services, Inc	Patient Support with an Air permeable Layer and with Air Flow Through the Air Permeable Layer Controlled as a Function of Pressure Sensed at a Pressure Sensing Layer (CON of 37553)	Granted	2016-08-11	15/234,244	2018-11-20	10,130,539
Hill-Rom Services, Inc	Patient Support Apparatus With Sensor Assembly (From PROV) 38485)	Granted	2016-05-11	15/151,828	2018-11-27	10,137,044
Hill-Rom Services, Inc	Incontinence Detection Apparatus (CON of N2-39520 WO)	Granted	2017-09-19	15/708,589	2018-12-25	10,159,607
Hill-Rom Services, Inc	Wireless Communication Between Patient Beds and Equipment for Checking Compatibility (CON of 39818)	Granted	2018-07-11	16/032,411	2018-12-25	10,163,322
Hill-Rom Services, Inc	Siderail with Storage Area (CON of 21981)	Granted	2016-01-08	14/991,156	2019-01-08	10,172,471
Hill-Rom Services, Inc	Patient-Need Prediction System (CON of 39195)	Granted	2017-09-15	15/705,876	2019-01-08	10,172,522
Hill-Rom Services, Inc	Hospital Bed Computer System Having EMR Charting Capability (CON of 37492)	Granted	2015-12-31	14/985,885	2019-01-08	10,176,297
Hill-Rom Services, Inc	Hospital Bed Having Near Field Communication Capability (DIV of 36652)	Granted	2016-08-16	15/237,807	2019-01-08	10,176,700
Hill-Rom Services, Inc	Configurable User Interface Systems for Hospital Bed (CON of 36375)	Granted	2016-12-15	15/379,628	2019-01-08	10,176,895
Hill-Rom Services, Inc	Method for Assessing the Condition of a Tissue Sample with Polarized Electromagnetic Radiation (From PROV 38553)	Granted	2016-04-05	15/091,036	2019-02-05	10,197,553
Hill-Rom Services, Inc	Bed exit alerts for person support apparatus	Granted	2017-10-31	15/798,839	2019-02-19	10,206,836
Hill-Rom Services, Inc	Hospital Bed and Room Communication Modules	Granted	2018-02-20	15/899,416	2019-02-19	10,206,837

Current Owners	App Title	Status	Filed Date	Application Number	Grant Date	Patent No.
	(CON of 39621)					
Hill-Rom Services, Inc	Patient Mobility Surface Assessment System and Method (from PROV 36520)	Granted	2013-03-07	13/788,665	2019-03-05	10,219,725
Hill-Rom Services, Inc	Modular fluidizable occupant support and compact fluidizable modules	Granted	2010-01-27	12/694,543	2019-03-19	10,231,891
Hill-Rom Services, Inc	Measuring Multiple Physiological Parameters Through Blind Signal Processing of Video Parameters (From PROV 36546)	Granted	2014-03-10	14/202,567	2019-03-26	10,238,292
Hill-Rom Services, Inc	Air Fluidized Therapy Bed Having Pulmonary Therapy (From PROV 36097)	Granted	2014-03-10	14/202,624	2019-03-26	10,238,560
Hill-Rom Services, Inc	Mattress Bladder Boosting During Chair Egress (includes N1-22969)	Granted	2010-12-08	12/963,015	2019-03-26	10,238,566
Hill-Rom Services, Inc	Hospital Bed (CON of N1-36244)	Granted	2015-04-20	14/690,551	2019-04-09	10,251,797
Hill-Rom Services, Inc	Feedback Control For A Person Support Apparatus With A Mattress Replacement System And Methods For Automatically Pausing A Turn And Hold Operation (From PROV 36696)	Granted	2016-06-01	15/170,300	2019-04-09	10,254,727
Hill-Rom Services, Inc	Bed Frame, Mattress and Bed with Enhanced Chair Egress Capability (CON of 22554)	Granted	2015-05-21	14/718,540	2019-04-30	10,272,007
Hill-Rom Services, Inc	Hospital Bed Having Wired and Wireless Network Connectivity (CON of 39932)	Granted	2018-08-07	16/056,785	2019-05-07	10,278,582
Hill-Rom Services, Inc	Bed with a Stowable Siderail (From PROV 38688)	Granted	2015-09-02	14/843,379	2019-05-14	10,285,507
Hill-Rom Services, Inc	Universal Caregiver Interface (From PROV 36399)	Granted	2014-03-24	14/223,355	2019-05-14	10,290,071
Hill-Rom Services, Inc	Bed Load Cell Based Physiological Sensing Systems and Methods (From PROV 36547)	Granted	2013-11-01	14/069,460	2019-05-21	10,292,605
Hill-Rom Services, Inc	Dynamic Apnea Therapy Surface (From PROV 38020)	Granted	2015-09-09	14/848,513	2019-05-21	10,292,881
Hill-Rom Services, Inc	Wireless Incontinence Detection Apparatus (CON of 39400)	Granted	2018-06-19	16/011,912	2019-05-28	10,299,968
Hill-Rom Services, Inc	Distributed Healthcare Communication System	Granted	2018-03-29	15/939,762	2019-06-04	10,307,113

Current Owners	App Title	Status	Filed Date	Application Number	Grant Date	Patent No.
	(CON 39519)					
Hill-Rom Services, Inc	Systems, Methods, and Devices for Fluidizing a Fluidizable Medium (CON of 35240)	Granted	2014-07-11	14/329,746	2019-06-11	10,314,753
Hill-Rom Services, Inc	Bed Exit Monitoring System (From PROV 39602)	Granted	2018-01-10	15/866,972	2019-06-18	10,321,856
Hill-Rom Services, Inc & Helvetia Wireless LLC	Systems and methods for detecting a liquid	Granted	2017-09-26	15/715,472	2019-06-25	10,330,623
Hill-Rom Services, Inc	Emergent Situation Notification During Transport Of A Patient Support Apparatus (From PROV 38937)	Granted	2018-04-10	15/949,130	2019-07-02	10,335,334
Hill-Rom Services, Inc	Apparatuses and Methods for Determining Performance Parameters of a Flexible Surface (From PCT N2-37577)	Granted	2014-07-09	14/901,295	2019-07-02	10,337,963
Hill-Rom Services, Inc	Incontinence Detection System	Granted	2018-05-01	15/968,029	2019-07-16	10,349,881
Hill-Rom Services, Inc	Incontinence Detection Apparatus Electrical Architecture	Granted	2017-05-16	15/596,036	2019-07-16	10,350,116
Hill-Rom Services, Inc	Width Adjustable Person Support System With Dual Inboard Mounted Motors And Proximate, Directly Driven Extension Wings (Con of 39800)	Granted	2018-01-23	15/877,880	2019-07-23	10,357,414
Hill-Rom Services, Inc	Discriminating Patient Care Communications System (From PROV 39119)	Granted	2017-04-26	15/498,426	2019-07-23	10,360,787
Hill-Rom Services, Inc	Patient Position Detection for Patient Support Apparatus (CON of 36857)	Granted	2016-04-20	15/133,692	2019-07-30	10,363,181
Hill-Rom Services, Inc	Patient Control Arm with Phone Dock and Head of Bed Lockout (From PROV 37585)	Granted	2015-05-29	14/725,500	2019-07-30	10,363,182
Hill-Rom Services, Inc	Method of Patient Care Device Integration with a Hospital Bed (CON of 39736)	Granted	2018-06-18	16/010,764	2019-07-30	10,363,183
Hill-Rom Services, Inc	Patient Support Apparatus Having Urinary Drainage Bag Lockout Feature (From PROV 39596)	Granted	2017-11-06	15/804,065	2019-07-30	10,363,184
Hill-Rom Services, Inc	Electrostimulation to Increase Perfusion (From PROV 39122)	Granted	2017-11-14	15/811,743	2019-07-30	10,363,416
Hill-Rom Services, Inc	Hospital Bed Computer System (CON of 39002)	Granted	2018-11-21	16/198,122	2019-08-13	10,381,116
Hill-Rom	Patient Support System	Granted	2017-02-06	15/425,391	2019-08-27	10,391,008

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Services, Inc	And Methods Of Use (CON of 37029)					
Hill-Rom Services, Inc	Optimization of the operation of a patient-support apparatus based on patient response (CON of 35208)	Granted	2015-02-10	14/618,142	2019-08-27	10,391,009
Hill-Rom Services, Inc	Sleep Disorder Treatment Devices, Systems, and Methods (from PROV 39107)	Granted	2017-02-14	15/431,985	2019-08-27	10,391,010
Hill-Rom Services, Inc	Patient Care Devices With Local Indication Of Correspondence And Power Line Interconnectivity (From PROV 38646)	Granted	2016-12-15	15/379,572	2019-08-27	10,395,769
Hill-Rom Services, Inc	Headboard/footboard for an adjustable bed	Granted	2007-09-10	29/284,531	2009-09-01	D599,144
Hill-Rom Services, Inc	Side Rail for a Bed	Granted	2009-08-04	29/341,329	2010-06-01	D616,678
Hill-Rom Services, Inc	Side Rail for a Bed	Granted	2009-08-04	29/341,333	2010-06-01	D616,679
Hill-Rom Services, Inc	Side Rail for a Bed	Granted	2009-08-04	29/341,330	2010-06-15	D617,586
Hill-Rom Services, Inc	Side Rail for a Bed	Granted	2009-08-04	29/341,345	2010-06-15	D617,587
Hill-Rom Services, Inc	Side Rail for a Bed	Granted	2009-08-04	29/341,347	2010-06-15	D617,588
Hill-Rom Services, Inc	Side Rail for a Bed	Granted	2009-08-04	29/341,349	2010-06-15	D617,589
Hill-Rom Services, Inc	Side Rail for a Bed	Granted	2009-08-04	29/341,327	2010-12-07	D628,416
Hill-Rom Services, Inc	Side rail for a bed	Granted	2009-08-04	29/341,324	2011-05-03	D637,018
Hill-Rom Services, Inc	Side rail for a bed	Granted	2009-08-04	29/341,326	2011-05-03	D637,019
Hill-Rom Services, Inc	Side Rail for a Bed (DIV of 21934)	Granted	2010-04-15	29/359,807	2011-05-03	D637,020
Hill-Rom Services, Inc	Side Rail For A Bed (DIV of 21931)	Granted	2010-03-31	29/358,751	2011-07-05	D640,887
Hill-Rom Services, Inc	Bed Frame	Granted	2012-11-05	29/436,400	2014-06-24	D707,480
Hill-Rom Services, Inc	Side Rail	Granted	2012-11-05	29/436,401	2014-06-24	D707,483
Hill-Rom Services, Inc	Foot End Siderail	Granted	2014-08-12	29/499,165	2016-10-11	D768,422
Hill-Rom Services, Inc	Head End Siderail	Granted	2014-08-12	29/499,162	2016-10-18	D769,042
Hill-Rom Services, Inc	Barrier For A Hospital Bed	Granted	2014-08-12	29/499,160	2016-11-08	D770,824
Hill-Rom Services, Inc	Headboard for Patient Bed	Granted	2015-01-29	29/516,143	2016-11-08	D770,827
Hill-Rom Services, Inc	Footboard for Patient Bed	Granted	2015-01-29	29/516,149	2016-11-08	D770,828
Hill-Rom Services, Inc	Head Rail for Patient Bed	Granted	2015-01-29	29/516,150	2016-11-08	D770,829
Hill-Rom	Foot Rail for Patient Bed	Granted	2015-01-29	29/516,152	2016-11-08	D771,259

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Services, Inc						
Hill-Rom Services, Inc	Mattress (Design Registration - CIP of N2-37044 & N2-37419 - claims benefit to PROVs 35912, 36658, 36911 & 37236)	Granted	2014-08-08	29/498,872	2017-02-21	D779,236
Hill-Rom Services, Inc	Headrail	Granted	2016-05-28	29/566,374	2017-12-12	D804,882
Hill-Rom Services, Inc	Footrail	Granted	2016-05-28	29/566,375	2017-12-12	D804,883
Hill-Rom Services, Inc	Footboard	Granted	2016-05-28	29/566,376	2017-12-12	D804,884
Hill-Rom Services, Inc	Headboard	Granted	2016-05-28	29/566,377	2017-12-12	D804,885
Hill-Rom Services, Inc	Headboard	Granted	2016-05-28	29/566,378	2018-03-13	D812,401
Hill-Rom Services, Inc	Head Rail for Patient Bed (CON of 38393)	Granted	2016-09-28	29/579,151	2018-05-08	D817,058
Hill-Rom Services, Inc	Foot End Siderail (CON of 37556)	Granted	2016-09-12	29/577,250	2018-05-15	D817,682
Hill-Rom Services, Inc	Head End Siderail (CON of 37555)	Granted	2016-09-12	29/577,251	2018-06-05	D819,382
Hill-Rom Services, Inc	Barrier For A Hospital Bed (CON of 37554)	Granted	2016-09-28	29/579,145	2018-08-21	D825,973
Hill-Rom Services, Inc	Headboard for Patient Bed (CON of 38391)	Granted	2016-09-28	29/579,146	2018-08-28	D826,615
Hill-Rom Services, Inc	Footboard for Patient Bed (CON of 38392)	Granted	2016-09-28	29/579,148	2018-08-28	D826,616
Hill-Rom Services, Inc	Headboard	Granted	2017-12-06	29/628,622	2019-06-04	D850,178
Hill-Rom Services, Inc	Footboard (CON of 39220)	Granted	2017-12-07	29/628,766	2019-06-04	D850,179
Hill-Rom Services, Inc	Footrail (CON of 39223)	Granted	2017-12-07	29/628,771	2019-06-11	D850,836
Hill-Rom Services, Inc	Headboard (Con of 39219)	Granted	2017-12-07	29/628,760	2019-07-02	D852,565
Hill-Rom Services, Inc	Foot Rail for Patient Bed (CON of 38394)	Granted	2016-09-28	29/579,154	2019-08-06	D855,369
Hill-Rom Services, Inc	Headrail (CON of 39222)	Granted	2017-12-07	29/628,774	2019-09-03	D858,166
Hill-Rom Services, Inc	Hospital Bed (Reissue of 15297)	Granted	2006-08-30	11/513,424	2012-02-21	RE43,193
Hill-Rom Services, Inc	Hospital Bed (Related to N1-17708)	Granted	2009-06-03	12/477,658	2012-07-24	RE43,532
Welch Allyn, Inc.	Single Site Vitals	Application	2014-03-31	14/230,872		
Welch Allyn, Inc.	Methods to Improve Workflow by Automatically Adding Patient Identification	Application	2014-05-15	14/278,891		
Welch Allyn, Inc.	Automated Blood Pressure Measurement System	Application	2014-08-04	14/450,510		
Welch Allyn, Inc.	Hybrid Patient Monitoring System	Application	2014-08-07	14/454,225		
Welch Allyn, Inc.	Custom Early Warning Scoring for Medical Device	Application	2014-10-30	14/528,487		
Welch Allyn, Inc.	Through Focus Retinal Image Capturing	Application	2015-02-27	14/633,601		

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Welch Allyn, Inc.	Method and Apparatus for Managing Sensors	Application	2015-07-14	14/798,798		
Welch Allyn, Inc.	Method and Apparatus for Managing Sensors	Application	2015-08-05	14/818,460		
Welch Allyn, Inc.	Method and Apparatus for Tracking a Biological Condition	Application	2015-08-14	14/826,442		
Welch Allyn, Inc.	Method and Apparatus for Adapting a Function of a Biological Sensor	Application	2015-09-04	14/845,812		
Welch Allyn, Inc.	Method and Apparatus for Managing a Biological Condition	Application	2015-09-14	14/853,161		
Welch Allyn, Inc.	Method and Apparatus for Delivering a Substance to an Individual	Application	2015-10-22	14/920,056		
Welch Allyn, Inc.	Method and Apparatus for Performing Biological Measurements	Application	2015-10-22	14/920,200		
Welch Allyn, Inc.	Concussion Screening System	Application	2015-10-29	14/927,171		
Welch Allyn, Inc.	Medical Device	Application	2015-11-06	14/934,834		
Welch Allyn, Inc.	Medical Device User Caching	Application	2015-11-16	14/941,843		
Welch Allyn, Inc.	Medical Device Wireless Adapter	Application	2015-12-11	14/954,023		
Welch Allyn, Inc.	Method and Apparatus for Detecting a Biological Condition from a Comparative Measurement	Application	2015-12-07	14/960,872		
Welch Allyn, Inc.	Systems and Methods for Monitoring a Patient	Application	2016-01-08	14/991,294		
Welch Allyn, Inc.	Clinical Grade Consumer Physical Assessment System	Application	2016-01-26	15/006,784		
Welch Allyn, Inc.	Medical Instrument with Probe and Methods of Using the Same	Application	2016-02-04	15/015,717		
Welch Allyn, Inc.	Retinal Image Capturing System and Method for Medical Diagnostics	Application	2016-02-26	15/054,558		
Welch Allyn, Inc.	Blood Pressure Measuring Apparatus	Application	2016-04-22	15/136,226		
Welch Allyn, Inc.	Blood Pressure Measuring Apparatus	Application	2016-06-21	15/188,439		
Welch Allyn, Inc.	Medical Device with Enhanced User Interface Controls	Application	2016-06-27	15/194,275		
Welch Allyn, Inc.	Photorefractive Ocular Screening Device and Methods	Application	2016-06-30	15/198,814		
Welch Allyn, Inc.	Method and Apparatus for Detecting a Biological Condition from a Comparative Measurement	Application	2016-07-12	15/207,689		
Welch Allyn, Inc.	Method and Apparatus for Monitoring Biological Conditions	Application	2016-08-02	15/226,332		
Welch Allyn, Inc.	Method and Apparatus for	Application	2016-08-04	15/228,920		

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	Mitigating Behavior Adverse to a Biological Condition					
Welch Allyn, Inc.	Extended Medical Test System	Application	2016-08-23	15/244,489		
Welch Allyn, Inc.	Method and Apparatus for Processing Data Associated with a Monitored Individual	Application	2016-09-09	15/261,379		
Welch Allyn, Inc.	Patient Care System	Application	2016-09-14	15/264,954		
Welch Allyn, Inc.	Integrated Patient Data Management for Physiological Monitor Devices	Application	2016-09-26	15/275,675		
Welch Allyn, Inc.	Through Focus Retinal Image Capturing	Application	2016-09-29	15/279,831		
Welch Allyn, Inc.	Digital Otoscope	Application	2016-10-24	15/332,110		
Welch Allyn, Inc.	Method and Apparatus for Monitoring Body Parts of an Individual	Application	2016-10-31	15/338,892		
Welch Allyn, Inc.	Method and Systems for Correcting for Arterial Compliance in a Blood Pressure Assessment	Application	2016-12-07	15/371,444		
Welch Allyn, Inc.	Vaginal Speculum with Illuminator	Application	2016-12-08	15/372,447		
Welch Allyn, Inc.	Wearable Patch for Patient Monitoring	Application	2016-12-30	15/395,324		
Welch Allyn, Inc.	Body-Worn Thermometry Solutions	Application	2016-12-30	15/395,486		
Welch Allyn, Inc.	Patch for Temperature Determination	Application	2016-12-30	15/395,533		
Welch Allyn, Inc.	Infrared Fundus Imaging System	Application	2017-01-04	15/398,145		
Welch Allyn, Inc.	Estimating Hydration Using Capillary Refill Time	Application	2017-01-13	15/405,412		
Welch Allyn, Inc.	User Installed Applications in a Physiological Parameter Display Device	Application	2017-02-03	15/424,025		
Welch Allyn, Inc.	Myogram Determination from ECG Signal	Application	2017-03-03	15/449,676		
Welch Allyn, Inc.	Medical Environment Single Sign-On System	Application	2017-03-20	15/463,622		
Welch Allyn, Inc.	Dynamic Medical Object Information Base	Application	2017-03-30	15/474,782		
Welch Allyn, Inc.	Monitoring System for Physiological Parameter Sensing Device	Application	2017-04-05	15/479,840		
Welch Allyn, Inc.	Skin Feature Imaging System	Application	2017-04-05	15/479,904		
Welch Allyn, Inc.	Medical Examination System Enabling Interchangeable Instrument Operating Modes	Application	2017-04-24	15/495,065		
Welch Allyn, Inc.	Extensibility for Manipulation of Medical Data	Application	2017-04-26	15/497,506		
Welch Allyn, Inc.	Stroke Detection Using	Application	2017-05-17	15/597,801		



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	Ocular Pulse Estimation					
Welch Allyn, Inc.	Physical Parameter Measuring	Application	2017-07-14	15/649,769		
Welch Allyn, Inc.	Through Focus Retinal Image Capturing	Application	2017-07-17	15/651,853		
Welch Allyn, Inc.	Physiological Monitoring and Related Methods	Application	2017-07-19	15/654,039		
Welch Allyn, Inc.	Medical Device with Context-Specific Interfaces	Application	2017-08-04	15/669,568		
Welch Allyn, Inc.	Patient Monitoring System	Application	2017-08-17	15/679,570		
Welch Allyn, Inc.	Non Contact Thermometry Systems and Methods	Application	2017-08-31	15/692,222		
Welch Allyn, Inc.	Systems and Methods for Blood Pressure Measurement	Application	2017-09-01	15/694,413		
Welch Allyn, Inc.	Non-Invasive Determination of Disease States	Application	2017-09-15	15/705,986		
Welch Allyn, Inc.	Systems and Methods for Determining Patient Temperature	Application	2017-10-20	15/789,233		
Welch Allyn, Inc.	Secure Patient Data in Medical Environments	Application	2017-10-27	15/796,323		
Welch Allyn, Inc.	Extensibility for Manipulation of Medical Data	Application	2017-12-13	15/840,065		
Welch Allyn, Inc.	Modular Monitoring Smart Bed	Application	2018-01-30	15/883,428		
Welch Allyn, Inc.	Wireless Ambulatory Care Network	Application	2018-02-02	15/887,713		
Welch Allyn, Inc.	Impedance Measurement System	Application	2018-03-12	15/918,812		
Welch Allyn, Inc.	Selective Illumination Fundus Imaging	Application	2018-03-13	15/919,955		
Welch Allyn, Inc.	Pupil Edge Detection in Digital Imaging	Application	2018-03-20	15/926,121		
Welch Allyn, Inc.	Medical Reporting System and Method	Application	2018-02-16	15/932,210		
Welch Allyn, Inc.	Patient Data Management	Application	2018-03-27	15/937,090		
Welch Allyn, Inc.	Cuffless Blood Pressure Determination with a Patient Specific, Variable Calibration	Application	2018-04-19	15/956,850		
Welch Allyn, Inc.	SpO2 Array for Wearable Device	Application	2018-04-25	15/962,380		
Welch Allyn, Inc.	Fundus Image Capturing	Application	2018-05-16	15/981,129		
Welch Allyn, Inc.	Vital Signs Monitor with a Removable and Dischargeable Battery	Application	2018-05-31	15/993,667		
Welch Allyn, Inc.	Ophthalmological Teaching Aid	Application	2018-05-31	15/993,673		
Welch Allyn, Inc.	Method And Apparatus For Controlling Accommodation And Pupil Size During An Eye Examination	Application	2018-05-31	15/993,910		
Welch Allyn, Inc.	Mobile Medical	Application	2018-06-08	16/003,586		

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	Workstation					
Welch Allyn, Inc.	Physiological Parameter Measuring Platform Device	Application	2018-06-13	16/007,343		
Welch Allyn, Inc.	Imager for Medical Device	Application	2018-06-19	16/012,021		
Welch Allyn, Inc.	Digital Colposcope System	Application	2018-06-21	16/014,870		
Welch Allyn, Inc.	Borescopic Optical System for Medical Diagnostic Instruments and Medical Diagnostic Instruments Having Interlocking Assembly Features	Application	2018-06-25	16/016,757		
Welch Allyn, Inc.	Connector for Medical Equipment	Application	2018-08-21	16/107,514		
Welch Allyn, Inc.	Physiological Parameter Sensing System with Heat Isolation Mechanism	Application	2018-08-28	16/114,319		
Welch Allyn, Inc.	Physiological Parameter Monitor with a Cleat and an Equipment Module Removably Attachable to the Cleat	Application	2018-10-01	16/148,113		
Welch Allyn, Inc.	Modular Vital Signs Monitor	Application	2018-10-03	16/150,572		
Welch Allyn, Inc.	Automatic Fundus Image Capture System	Application	2018-10-12	16/158,714		
Welch Allyn, Inc.	Visual Acuity Examination	Application	2018-10-30	16/175,249		
Welch Allyn, Inc.	Connectors for Medical Equipment	Application	2018-11-02	16/179,304		
Welch Allyn, Inc.	Reducing False Alarms in Patient Monitoring	Application	2018-11-08	16/184,364		
Welch Allyn, Inc.	Retinal Image Capturing	Application	2018-11-16	16/193,667		
Welch Allyn, Inc.	Body Worn Physiological Sensor Device Having a Disposable Electrode Module	Application	2018-12-11	16/215,698		
Welch Allyn, Inc.	Connectors for Medical Equipment	Application	2018-12-20	16/228,113		
Welch Allyn, Inc.	Fundus Image Capturing	Application	2018-12-21	16/229,939		
Welch Allyn, Inc.	Physical Assessment Device	Application	2019-01-15	16/248,482		
Welch Allyn, Inc.	Patient-Specific Visual Guidance for Accurate Placement of ECG Monitoring Electrodes	Application	2019-01-17	16/249,968		
Welch Allyn, Inc.	IR Thermometry Probe Cover	Application	2019-01-18	16/251,774		
Welch Allyn, Inc.	User Interface Enhancements for Physiological Parameter Monitoring Platform Devices	Application	2019-01-24	16/256,527		
Welch Allyn, Inc.	Recyclable or Biodegradable Blood Pressure Cuff	Application	2019-02-01	16/264,823		
Welch Allyn, Inc.	Digital-Based Medical Devices	Application	2019-02-08	16/270,750		
Welch Allyn, Inc.	Pupil Edge Region	Application	2019-03-19	16/357,992		

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	Removal in Digital Imaging					
Welch Allyn, Inc.	Fundus Image Capture System	Application	2019-04-02	16/373,315		
Welch Allyn, Inc.	Low Acuity Vitals System Architecture	Application	2019-04-19	16/389,104		
Welch Allyn, Inc.	Retinal Image Capturing	Application	2019-05-17	16/415,019		
Welch Allyn, Inc.	Ophthalmoscope Device	Application	2019-05-21	16/418,382		
Welch Allyn, Inc.	Thermal Powered Medical Device	Application	2019-05-29	16/424,872		
Welch Allyn, Inc.	Assessment of Fundus Images	Application	2019-06-17	16/443,234		
Welch Allyn, Inc.	Medical Device Illuminator and Charging System	Application	2019-07-12	16/509,551		
Welch Allyn, Inc.	Vision Screening Apparatus with a Visual Acuity Protocol Compliance Feature and an Associated Method of Vision Screening	Application	2019-07-18	16/515,495		
Welch Allyn, Inc.	Vision Screening Device and Methods	Application	2019-07-25	16/522,028		
Welch Allyn, Inc.	Vaginal Speculum Apparatus	Application	2019-08-12	16/537,726		
Welch Allyn, Inc.	Patient Central Monitoring Station with Graphical User Interface	Application	2017-06-26	29/608,839		
Welch Allyn, Inc.	Medical Device	Application	2018-06-06	29/650,401		
Welch Allyn, Inc.	Medical Device	Application	2018-06-22	29/654,308		
Welch Allyn, Inc.	Optical Device	Application	2018-08-17	29/660,164		
Welch Allyn, Inc.	Optical Device	Application	2018-08-17	29/660,167		
Welch Allyn, Inc.	Handle for an Optical Device, Medical Device, or the like	Application	2018-08-17	29/660,169		
Welch Allyn, Inc.	Electronic Display Screen Of A Medical Device With An Icon	Application	2019-01-09	29/676,177		
Welch Allyn, Inc.	Medical Device	Application	2019-01-09	29/676,212		
Welch Allyn, Inc.	Medical Device	Application	2019-01-09	29/676,213		
Welch Allyn, Inc.	Handle	Application	2019-06-05	29/693,823		
Welch Allyn, Inc.	Handle	Application	2019-06-05	29/693,824		
Welch Allyn, Inc.	Handle	Application	2019-06-05	29/693,826		
Welch Allyn, Inc.	Charger	Application	2019-06-05	29/693,835		
Welch Allyn, Inc.	Pedestal	Application	2019-06-07	29/694,178		
Welch Allyn, Inc.	Scanner	Application	2019-06-07	29/694,179		
Welch Allyn, Inc.	Medical Device	Application	2019-07-22	29/698,962		
Welch Allyn, Inc.	Assessment of Fundus Images	Application	2018-12-21	62/783,689		
Welch Allyn, Inc.	Vital Sign Detection and Measurement	Application	2019-01-29	62/798,124		
Welch Allyn, Inc.	Speculum Having Integrated Illumination Assembly	Application	2019-02-27	62/810,976		
Welch Allyn, Inc.	Extended wear multi-day electrode for vital sign patch	Application	2019-03-14	62/818,271		
Welch Allyn, Inc.	Speculum Tip Element and Method for Optimizing Light Efficiency/Emission	Application	2019-03-18	62/819,740		

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	of a Speculum Tip Element					
Welch Allyn, Inc.	Sepsis Detection and Monitoring	Application	2019-03-29	62/825,844		
Welch Allyn, Inc.	Vital Sign Detection and Measurement	Application	2019-04-16	62/834,635		
Welch Allyn, Inc.	Photoplethysmography Device with a Compensation Current Source	Application	2019-05-30	62/854,479		
Welch Allyn, Inc.	Photoplethysmograph Device with Reflective and/or Warming Capability and Associated Methods	Application	2019-05-30	62/854,502		
Welch Allyn, Inc.	Digital Image Screening and/or Diagnosis Using Artificial Intelligence	Application	2019-06-07	62/858,579		
Welch Allyn, Inc.	Medical Device Support System	Application	2019-06-07	62/858,947		
Welch Allyn, Inc.	Photoplethysmography Device with a Compensation Current Source	Application	2019-06-13	62/860,851		
Welch Allyn, Inc.	Photoplethysmograph Device with Reflective and/or Warming Capability and Associated Methods	Application	2019-06-13	62/860,862		
Welch Allyn, Inc.	Pictorial-Display Electrocardiographic Interpretation System and Method	Granted	1999-09-15	09/397,346	2001-05-08	6,230,048
Welch Allyn, Inc.	Focusing Mechanism	Granted	2001-01-31	09/774,726	2002-05-21	6,390,625
Welch Allyn, Inc.	Low Profile Pressure Measuring Device	Granted	2000-09-25	09/669,474	2002-07-23	6,422,086
Welch Allyn, Inc.	Pressure Measuring Device	Granted	2001-08-14	09/929,847	2002-11-19	6,481,291
Welch Allyn, Inc.	Pictorial-Display Electrocardiographic Interpretation System and Method	Granted	2001-03-09	09/803,411	2003-02-04	6,516,220
Welch Allyn, Inc.	Method and Apparatus for Pulse Oximetry	Granted	2001-10-10	09/974,279	2003-05-13	6,564,077
Welch Allyn, Inc.	Blood Pressure Measuring Apparatus	Granted	2001-08-14	09/929,856	2003-06-17	6,578,428
Welch Allyn, Inc.	Pressure Measuring Device	Granted	2001-08-14	09/929,501	2003-09-09	6,615,666
Welch Allyn, Inc.	Infrared Thermometer	Granted	2001-04-03	09/825,478	2003-10-07	6,631,287
Welch Allyn, Inc.	Low Power Pulse Oximeter	Granted	2001-10-05	09/972,077	2004-02-24	6,697,655
Welch Allyn, Inc.	Blood Pressure Measuring Device with Directly Couplable Measurement Mechanism	Granted	2003-06-27	10/608,202	2004-09-28	6,796,186
Welch Allyn, Inc.	Sealed Probe Chamber for Thermometry Apparatus	Granted	2003-03-04	10/379,276	2004-12-07	6,827,488
Welch Allyn, Inc.	Eye Viewing Device Comprising Eye Cup	Granted	2001-02-14	09/783,224	2004-12-14	6,830,347
Welch Allyn, Inc.	Thermometry Probe Calibration Method	Granted	2003-10-10	10/683,206	2005-12-06	6,971,790
Welch Allyn, Inc.	Differentiating Acute Myocardial Infarction from	Granted	2003-12-01	10/725,174	2005-12-27	6,979,297

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	other ECG Abnormalities					
Welch Allyn, Inc.	Method and Apparatus for Monitoring Cardiac Patients for T-wave Alternans	Granted	2001-07-13	09/904,914	2006-01-03	6,983,183
Welch Allyn, Inc.	Patient Monitoring System	Granted	2001-05-18	09/860,340	2006-01-24	6,988,989
Welch Allyn, Inc.	Switch Assembly for Thermometry Apparatus	Granted	2003-10-20	10/689,272	2006-04-04	7,021,824
Welch Allyn, Inc.	Protective Sheath for Illumination Assembly of a Disposable Vaginal Speculum	Granted	2003-03-21	10/393,848	2006-07-25	7,081,090
Welch Allyn, Inc.	Mode Detection and Safety Monitoring in Blood Pressure Management	Granted	2005-06-22	11/158,773	2007-06-05	7,226,419
Welch Allyn, Inc.	Thermometry Probe Calibration Method	Granted	2005-10-12	11/248,492	2007-08-14	7,255,475
Welch Allyn, Inc.	Otoscope Tip Element and Related Method of Use	Granted	2004-07-23	10/897,455	2008-04-08	7,354,399
Welch Allyn, Inc.	Personal Status Physiologic Monitor System and Architecture and Related Monitoring Methods	Granted	2005-01-07	11/031,736	2008-06-03	7,382,247
Welch Allyn, Inc.	Patient Monitoring System	Granted	2005-10-06	11/244,992	2008-06-24	7,390,299
Welch Allyn, Inc.	Otoscope	Granted	2004-07-23	10/897,590	2008-07-15	7,399,275
Welch Allyn, Inc.	Motion Management in a Fast Blood Pressure Measurement Device	Granted	2003-07-14	10/619,380	2008-09-30	7,429,245
Welch Allyn, Inc.	Dynamic Barcode for Displaying Medical Data	Granted	2006-12-22	11/615,230	2008-10-14	7,434,724
Welch Allyn, Inc.	Health Care Patient Status Event Processing and Reporting	Granted	2006-07-27	11/494,245	2008-10-21	7,439,856
Welch Allyn, Inc.	Electrical Adapter for Medical Diagnostic Instruments using LEDs as Illumination Sources	Granted	2007-05-17	11/804,136	2008-12-02	7,458,934
Welch Allyn, Inc.	Probe for Thermometry Apparatus Having Light Passage Features to Enable Safe Insertion	Granted	2006-09-28	11/528,743	2009-02-03	7,484,884
Welch Allyn, Inc.	Personal Status Physiologic Monitor System and Architecture and Related Monitoring Methods	Granted	2006-06-19	11/455,329	2009-04-07	7,515,043
Welch Allyn, Inc.	Personal Status Physiological Monitor System and Architecture and Related Monitoring Methods	Granted	2006-06-19	11/455,368	2009-04-07	7,515,044
Welch Allyn, Inc.	Medical Diagnostic Instrument with Variable Focus Liquid Lens	Granted	2006-09-29	11/541,511	2009-06-30	7,553,020
Welch Allyn, Inc.	Probe Cover for Thermometry Apparatus	Granted	2004-11-16	10/989,631	2009-08-11	7,572,056
Welch Allyn, Inc.	Apparatus and Method of Diagnosis of Optically Identifiable Ophthalmic	Granted	2005-09-13	11/224,774	2009-08-18	7,575,321

Current Owners	App Title	Status	Filed Date	Application Number	Grant Date	Patent No.
	Conditions					
Welch Allyn, Inc.	Motivational Spirometry System and Method	Granted	2005-03-14	11/079,714	2009-12-01	7,625,345
Welch Allyn, Inc.	Medical Diagnostic Instruments	Granted	2006-02-09	11/350,576	2010-03-02	7,670,287
Welch Allyn, Inc.	Multi-Purpose Connector for Blood Pressure Measurement Equipment	Granted	2006-12-11	11/636,823	2010-03-02	7,670,296
Welch Allyn, Inc.	Apparatus and Method for Diagnosis of Optically Identifiable Ophthalmic Conditions	Granted	2003-10-30	10/697,454	2010-05-04	7,708,403
Welch Allyn, Inc.	Blood Pressure Measuring Apparatus	Granted	2003-06-05	10/456,704	2010-05-25	7,722,542
Welch Allyn, Inc.	Method to Ensure Life-Critical Data is Transported Effectively and Safely	Granted	2007-05-18	11/750,526	2010-06-15	7,738,386
Welch Allyn, Inc.	Method and Apparatus for Spectrum Estimation	Granted	2008-02-26	12/037,407	2010-06-15	7,738,949
Welch Allyn, Inc.	Power Connections and Interface for Compact Illuminator Assembly	Granted	2007-03-30	11/731,189	2010-07-20	7,758,203
Welch Allyn, Inc.	Blood Pressure Measuring Apparatus	Granted	2005-09-19	11/230,117	2010-08-24	7,780,603
Welch Allyn, Inc.	Temperature Patch and Method of Using the Same	Granted	2007-10-16	11/873,046	2010-12-28	7,857,507
Welch Allyn, Inc.	Blood Pressure Measurement	Granted	2006-02-06	11/347,889	2011-01-04	7,862,514
Welch Allyn, Inc.	Blood Pressure Algorithm	Granted	2008-03-20	12/052,659	2011-04-19	7,927,283
Welch Allyn, Inc.	Thermometer Heater and Thermistor	Granted	2008-05-19	12/122,916	2011-08-16	7,997,793
Welch Allyn, Inc.	Device Data Sheets and Data Dictionaries for a Dynamic Medical Object Information Base	Granted	2007-10-04	11/905,829	2011-09-20	8,024,421
Welch Allyn, Inc.	Digital Otoscope	Granted	2007-08-27	11/845,512	2011-11-29	8,066,634
Welch Allyn, Inc.	Blood Pressure Bleed Valve Assembly	Granted	2006-08-21	11/507,238	2011-11-29	8,066,645
Welch Allyn, Inc.	Apparatus and Method for Diagnosis of Optically Identifiable Ophthalmic Conditions	Granted	2009-07-17	12/505,193	2011-12-13	8,075,136
Welch Allyn, Inc.	Temperature Patch	Granted	2010-11-09	12/942,066	2011-12-20	8,079,756
Welch Allyn, Inc.	Method and apparatus for wireless transmission of data	Granted	2010-11-09	12/942,295	2011-12-20	8,081,655 <sup>9</sup>
Welch Allyn, Inc.	Dual Lumen Interchangeable Monitor System	Granted	2007-10-19	11/875,167	2011-12-27	8,083,683
Welch Allyn, Inc.	Electro Pneumatic Interface for Blood Pressure System	Granted	2008-07-18	12/175,657	2012-02-28	8,123,694
Welch Allyn, Inc.	IR Thermometer Thermal Isolation Tip Assembly	Granted	2009-05-05	12/435,731	2012-03-20	8,136,985
Welch Allyn, Inc.	Disposable Speculum for Medical Thermometer	Granted	2007-11-19	11/942,430	2012-03-20	8,136,986

<sup>9</sup> The Company intends to allow this patent to lapse in due course.  
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Current Owners	App Title	Status	Filed Date	Application Number	Grant Date	Patent No.
Welch Allyn, Inc.	Vaginal Speculum Assembly Having Portable Illuminator	Granted	2007-03-30	11/731,631	2012-03-27	8,142,352
Welch Allyn, Inc.	Vaginal Speculum	Granted	2008-04-25	11/910,378	2012-04-17	8,157,728
Welch Allyn, Inc.	Filter for Blood Pressure Monitor	Granted	2007-08-06	11/834,288	2012-05-15	8,177,723
Welch Allyn, Inc.	Calibrated Assembly for IR Thermometer Apparatus	Granted	2009-04-20	12/426,556	2012-05-29	8,186,876
Welch Allyn, Inc.	Network Performance Monitor	Granted	2007-03-07	11/683,252	2012-06-05	8,195,478
Welch Allyn, Inc.	Otoscopic Tip Element and Related Method of Use	Granted	2008-02-14	12/031,188	2012-06-12	8,197,403
Welch Allyn, Inc.	Systems and Methods for Measuring Arterial Stiffness	Granted	2010-05-25	12/787,220	2012-06-12	8,197,414
Welch Allyn, Inc.	Body Worn Physiological Sensor Device Having a Disposable Electrode Module	Granted	2006-11-01	11/591,619	2012-07-03	8,214,007
Welch Allyn, Inc.	Configurable Health-Care Equipment Apparatus	Granted	2010-07-23	12/842,528	2012-07-03	8,214,566
Welch Allyn, Inc.	IR Thermometry Probe Cover	Granted	2009-04-09	12/420,926	2012-07-31	8,231,271
Welch Allyn, Inc.	Mobile Medical Workstation	Granted	2010-09-01	12/873,765	2012-10-23	8,292,807
Welch Allyn, Inc.	Thermometer for Determining the Temperature of an Animal's Ear drum and Method of Using Same	Granted	2009-11-02	12/610,760	2012-11-06	8,306,774
Welch Allyn, Inc.	Cycle Counting	Granted	2008-07-29	12/181,577	2012-11-13	8,308,355
Welch Allyn, Inc.	Medical Instrument with Probe, Probe Cover, and Methods of Using the Same	Granted	2009-12-30	12/649,595	2013-02-12	8,374,683
Welch Allyn, Inc.	Articulation Mechanism for a Vaginal Speculum	Granted	2006-05-08	11/913,426	2013-02-19	8,376,942
Welch Allyn, Inc.	Medical Diagnostic Instrument Having Portable Illuminator	Granted	2009-06-03	12/477,662	2013-03-05	8,388,523
Welch Allyn, Inc.	Motivational Spirometry System and Method	Granted	2009-10-12	12/577,319	2013-03-19	8,398,561
Welch Allyn, Inc.	Communication of Information Between a Plurality of Network Elements	Granted	2007-10-04	11/905,811	2013-03-19	8,402,161
Welch Allyn, Inc.	Vaginal Speculum Apparatus	Granted	2012-04-26	13/457,161	2013-05-07	8,435,175
Welch Allyn, Inc.	Diagnosis of Optically Identifiable Ophthalmic Conditions	Granted	2010-06-04	12/794,053	2013-05-14	8,439,501
Welch Allyn, Inc.	Small Footprint Medical Information Transfer Protocol Stack	Granted	2010-03-29	12/749,097	2013-06-04	8,458,149
Welch Allyn, Inc.	Replacement Light Assembly	Granted	2010-07-01	12/828,760	2013-06-11	8,459,844
Welch Allyn, Inc.	Digital Otoscope	Granted	2011-09-20	13/237,022	2013-06-25	8,469,882
Welch Allyn, Inc.	Application Generator for a	Granted	2007-10-04	11/905,830	2013-07-09	8,484,612

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	Dynamic Medical Object Information Base					
Welch Allyn, Inc.	Configurable Health-Care Equipment Apparatus	Granted	2012-06-01	13/486,326	2013-07-30	8,499,108
Welch Allyn, Inc.	Blood Pressure Measuring Apparatus	Granted	2006-08-31	11/513,608	2013-09-17	8,535,233
Welch Allyn, Inc.	Method and Apparatus for Analyzing Subsurfaces of a Target Material	Granted	2011-11-10	13/293,337	2013-09-24	8,543,192
Welch Allyn, Inc.	Communication of Information Between a Plurality of Network Elements	Granted	2009-09-25	11/663,395	2013-09-24	8,543,999
Welch Allyn, Inc.	Extensibility for Manipulation of Medical Data	Granted	2011-03-31	13/076,487	2013-11-12	8,583,728
Welch Allyn, Inc.	Multi-Site Infrared Thermometer	Granted	2010-08-26	12/869,154	2013-11-26	8,591,103
Welch Allyn, Inc.	Automatic Determination of Location for Ethernet Devices	Granted	2010-02-01	12/697,831	2013-12-17	8,610,562
Welch Allyn, Inc.	Body Worn Physiological Sensor Device Having a Disposable Electrode Module	Granted	2012-06-05	13/488,520	2014-01-14	8,630,699
Welch Allyn, Inc.	Probe Cover Container Identification	Granted	2012-02-03	13/365,343	2014-02-18	8,651,736
Welch Allyn, Inc.	Recyclable or Biodegradable Blood Pressure Cuff	Granted	2010-02-12	12/704,638	2014-02-18	8,652,057
Welch Allyn, Inc.	Devices and Methods for Temperature Determination	Granted	2010-12-02	12/958,670	2014-02-25	8,657,758
Welch Allyn, Inc.	Loss Prevention System	Granted	2011-11-17	13/298,356	2014-03-25	8,680,999
Welch Allyn, Inc.	Pulse Oximeter	Granted	2010-10-20	12/908,115	2014-04-01	8,688,187
Welch Allyn, Inc.	Diagnosis of Optically Identifiable Ophthalmic Conditions	Granted	2010-06-04	12/793,989	2014-04-22	8,702,234
Welch Allyn, Inc.	Adaptive Display for Patient Monitoring	Granted	2010-10-19	12/907,882	2014-05-06	8,719,712
Welch Allyn, Inc.	Motion Management in a Fast Blood Pressure Measurement Device	Granted	2008-07-22	12/177,521	2014-05-27	8,734,355
Welch Allyn, Inc.	Body Worn Physiological Sensor Device Having a Disposable Electrode Module	Granted	2013-12-11	14/103,219	2014-06-10	8,750,974
Welch Allyn, Inc.	Evaluation of the Quality of Electrode Contact with a Skin Surface	Granted	2012-09-21	13/624,645	2014-06-17	8,755,873
Welch Allyn, Inc.	Drive Circuit for Light Emitting Diode	Granted	2010-06-30	12/827,688	2014-07-22	8,786,210
Welch Allyn, Inc.	Dynamic Medical Object Information Base	Granted	2007-10-04	11/905,828	2014-07-22	8,788,687
Welch Allyn, Inc.	Temperature-Measurement Probe	Granted	2009-12-31	12/650,975	2014-08-05	8,794,829
Welch Allyn, Inc.	Transformation of Medical Status Data into Executable	Granted	2010-05-28	12/790,198	2014-08-05	8,799,767



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	Programs					
Welch Allyn, Inc.	On Demand Help/In Service for a Medical Device	Granted	2008-04-30	12/112,444	2014-08-19	8,808,178
Welch Allyn, Inc.	Examination Light Apparatus with Touch-Less Control	Granted	2011-02-03	13/057,310	2014-08-26	8,816,599
Welch Allyn, Inc.	Vaginal Speculum Apparatus	Granted	2008-04-25	11/910,387	2014-09-02	8,821,395
Welch Allyn, Inc.	Medical Device Adaptor	Granted	2010-05-07	12/776,019	2014-09-09	8,827,317
Welch Allyn, Inc.	Suprasystolic Measurement in a Fast Blood-Pressure Cycle	Granted	2009-12-31	12/650,984	2014-09-23	8,840,561
Welch Allyn, Inc.	Wireless Transmission Reliability	Granted	2011-12-06	13/312,742	2014-09-30	8,850,293
Welch Allyn, Inc.	Communication of Information between a Plurality of Network Elements	Granted	2013-02-21	13/772,623	2014-10-07	8,856,380
Welch Allyn, Inc.	Central Station Integration of Patient Data	Granted	2012-04-05	13/440,698	2014-10-28	8,874,379
Welch Allyn, Inc. & Kaz USA, Inc.	IR thermometry probe cover	Granted	2011-08-02	13/196,700	2014-11-04	8,876,373
Welch Allyn, Inc.	Ambulatory Patient Monitoring Apparatus, System and Method	Granted	2008-03-20	12/052,674	2014-12-02	8,900,153
Welch Allyn, Inc.	Medical Devices with Proximity Detection	Granted	2011-09-06	13/225,989	2014-12-09	8,907,782
Welch Allyn, Inc.	Cuff Integrity Detection During Inflation of an Automated Blood Pressure Device	Granted	2011-03-21	13/052,279	2014-12-16	8,911,378
Welch Allyn, Inc.	Method for Blood Pressure Measurement from Noninvasive Oscillometric Pressure Signals (Blood Pressure Algorithm)	Granted	2011-03-14	13/047,780	2015-01-06	8,926,521
Welch Allyn, Inc.	Vital Signs Monitor	Granted	2006-01-13	11/795,301	2015-01-13	8,932,217
Welch Allyn, Inc.	Digital-Based Medical Devices	Granted	2012-11-09	13/673,822	2015-02-03	8,944,596
Welch Allyn, Inc.	Body Area Network Pairing Improvements for Clinical Workflows	Granted	2010-06-30	12/827,817	2015-02-17	8,957,777
Welch Allyn, Inc.	Body Worn Physiological Sensor Device Having a Disposable Electrode Module	Granted	2014-05-02	14/268,666	2015-02-24	8,965,492
Welch Allyn, Inc.	Systems and Methods for Determining Patient Temperature	Granted	2011-07-19	13/186,072	2015-03-31	8,996,096
Welch Allyn, Inc.	Personal Area Network Pairing	Granted	2010-03-15	12/723,726	2015-04-07	9,000,914
Welch Allyn, Inc.	Method and Apparatus for Observing Subsurfaces of a Target Material	Granted	2011-12-13	13/324,400	2015-04-07	9,001,326
Welch Allyn, Inc.	Using Near-Field	Granted	2012-06-06	13/490,086	2015-04-14	9,008,658

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	Communication Both for Out-Of-Band Pairing and Physiological Data Transfer					
Welch Allyn, Inc.	Method and Apparatus for Analyzing Subsurfaces of a Target Material	Granted	2013-08-21	13/971,950	2015-04-21	9,014,792
Welch Allyn, Inc.	Systems and Methods for Measuring Arterial Stiffness	Granted	2012-05-15	13/471,588	2015-05-05	9,022,942
Welch Allyn, Inc.	Blood Pressure Cuff	Granted	2011-08-29	13/220,314	2015-05-12	9,028,419
Welch Allyn, Inc.	Detection of Noise During Heart Beat Variation Evaluation	Granted	2011-06-17	13/162,621	2015-06-02	9,044,147
Welch Allyn, Inc.	Physiological Parameter Measuring Platform Device Supporting Multiple Workflows	Granted	2012-04-05	13/440,840	2015-06-16	9,055,870
Welch Allyn, Inc.	Apparatus for Health Correlation Assessment	Granted	2012-09-14	13/620,486	2015-06-23	9,060,728
Welch Allyn, Inc.	Recharging Energy Storage Cells Using Capacitive Storage Device	Granted	2012-05-04	13/464,717	2015-06-23	9,065,287
Welch Allyn, Inc.	Blood Pressure Measuring Apparatus	Granted	2013-08-13	13/965,651	2015-07-07	9,072,435
Welch Allyn, Inc.	Variable Control for Handheld Device	Granted	2011-05-06	13/102,119	2015-07-07	9,072,479
Welch Allyn, Inc.	Automatic Provisioning of Authentication Credentials	Granted	2009-09-15	12/560,304	2015-07-07	9,077,544
Welch Allyn, Inc.	Medical Device Maintenance System	Granted	2012-04-05	13/440,571	2015-07-28	9,092,762
Welch Allyn, Inc.	Impedance Measurement System	Granted	2013-03-04	13/784,399	2015-08-25	9,113,805
Welch Allyn, Inc.	Configurable Health-Care Equipment Apparatus	Granted	2013-07-11	13/940,087	2015-09-01	9,119,526
Welch Allyn, Inc.	Systems and Methods for Determining Patient Temperature	Granted	2012-03-19	13/423,785	2015-09-22	9,138,149
Welch Allyn, Inc.	Methods and Apparatus for Quantifying the Risk of Cardiac Death using Exercise induced Heart Rate Recovery Metrics	Granted	2007-04-10	11/733,699	2015-10-06	9,149,195
Welch Allyn, Inc.	Motion Sensitive and Capacitor Powered Handheld Device	Granted	2012-10-12	13/650,488	2015-10-06	9,153,994
Welch Allyn, Inc.	Body Worn Physiological Sensor Device Having a Disposable Electrode Module	Granted	2015-01-13	14/595,815	2015-10-13	9,155,484
Welch Allyn, Inc.	Edge Detection in Images	Granted	2014-01-14	14/154,494	2015-11-03	9,177,223
Welch Allyn, Inc.	Method and Apparatus for Observing Subsurfaces of a Target Material	Granted	2015-03-02	14/635,375	2015-11-10	9,182,343
Welch Allyn, Inc.	Medical Diagnostic Instrument	Granted	2013-03-15	13/841,848	2015-12-01	9,198,560
Welch Allyn, Inc.	Replacement Light Assembly	Granted	2013-05-24	13/902,420	2015-12-01	9,198,566

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Welch Allyn, Inc.	Frequency-Adaptive Notch Filter	Granted	2012-10-31	13/665,226	2015-12-01	9,198,588
Welch Allyn, Inc.	Fundus Imaging System	Granted	2014-02-11	14/177,568	2015-12-15	9,211,064
Welch Allyn, Inc.	Blood Pressure Sleeve	Granted	2012-11-19	13/681,217	2015-12-29	9,220,422
Welch Allyn, Inc.	Combined Episodic and Continuous Parameter Monitoring	Granted	2012-04-05	13/440,318	2016-01-12	9,235,682
Welch Allyn, Inc.	Photorefractive Ocular Screening Device and Methods	Granted	2012-02-17	13/399,682	2016-01-19	9,237,846
Welch Allyn, Inc.	Ophthalmoscope Device	Granted	2014-02-11	14/177,594	2016-01-19	9,237,847
Welch Allyn, Inc.	Systems and Methods for Monitoring a Patient	Granted	2012-02-16	13/398,519	2016-01-26	9,241,642
Welch Allyn, Inc.	Thermometer for Determining the Temperature of an Animal's Ear drum and Method of Using Same	Granted	2010-08-19	12/859,611	2016-02-16	9,261,407
Welch Allyn, Inc.	Systems and Methods for Determining Patient Temperature	Granted	2013-02-04	13/758,423	2016-02-23	9,265,427
Welch Allyn, Inc.	Physiological Parameter Measuring Platform Device Supporting Multiple Workflows	Granted	2010-03-31	12/751,579	2016-02-23	9,265,429
Welch Allyn, Inc.	Evaluation of the Quality of Electrode Contact with a Skin Surface	Granted	2014-05-05	14/269,933	2016-03-01	9,271,659
Welch Allyn, Inc.	Medical Instrument with Probe and Methods of Using the Same	Granted	2013-01-17	13/743,733	2016-03-15	9,282,883
Welch Allyn, Inc.	Anti-Loss for Medical Devices	Granted	2014-02-24	14/189,378	2016-03-29	9,299,240
Welch Allyn, Inc.	Configurable Vital Signs System	Granted	2012-09-28	13/631,046	2016-04-05	9,301,700
Welch Allyn, Inc.	Temperature Measurement System	Granted	2012-08-08	13/569,867	2016-04-12	9,307,912
Welch Allyn, Inc.	Illumination Device, System, and Method of Use	Granted	2013-03-15	13/839,205	2016-04-19	9,314,149
Welch Allyn, Inc.	Controlling Intensity of Light Emitted by a Device	Granted	2011-11-17	13/298,323	2016-05-03	9,326,672
Welch Allyn, Inc.	Carton Holder with Dispensing Configurations, System, and Method of Use	Granted	2013-01-30	13/754,526	2016-05-03	9,327,866
Welch Allyn, Inc.	Portable Instrument and Docking Station with Divided Universal Serial Bus Communication Device	Granted	2013-02-14	13/740,455	2016-05-03	9,330,046
Welch Allyn, Inc.	Vaginal Speculum Apparatus	Granted	2014-01-31	14/169,850	2016-05-10	9,332,898
Welch Allyn, Inc.	Method and Apparatus for Analyzing Subsurfaces of a Target Material	Granted	2015-03-10	14/643,187	2016-05-24	9,345,407
Welch Allyn, Inc.	Temperature Measurement System	Granted	2012-03-19	13/423,814	2016-06-07	9,357,930
Welch Allyn, Inc.	Central Monitoring Station Warm Spare	Granted	2012-09-06	13/605,348	2016-06-07	9,361,082

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Welch Allyn, Inc.	Medical Diagnostic System	Granted	2011-11-30	13/308,480	2016-06-21	9,370,296
Welch Allyn, Inc.	Non Contact Thermometry Systems and Methods	Granted	2014-03-18	14/218,710	2016-06-28	9,375,149
Welch Allyn, Inc.	Body Area Network Pairing Improvements for Clinical Workflows	Granted	2015-01-09	14/593,353	2016-07-12	9,386,924
Welch Allyn, Inc.	Blood Pressure Cuff	Granted	2015-04-15	14/687,335	2016-07-12	9,386,928
Welch Allyn, Inc.	Photorefractive Ocular Screening Device and Methods	Granted	2015-12-09	14/963,317	2016-08-02	9,402,538
Welch Allyn, Inc.	Medical Devices with Proximity Detection	Granted	2014-11-03	14/531,142	2016-08-02	9,402,545
Welch Allyn, Inc.	Systems and Methods for Determining Patient Temperature	Granted	2015-03-25	14/668,647	2016-08-02	9,404,813
Welch Allyn, Inc.	Photorefractive Ocular Screening Device and Methods	Granted	2015-12-09	14/963,332	2016-08-09	9,408,535
Welch Allyn, Inc.	Navigation Features for Electrocardiograph Device User Interface	Granted	2013-11-21	14/086,326	2016-08-16	9,414,787
Welch Allyn, Inc.	Edge Detection in Images	Granted	2015-09-28	14/867,218	2016-08-30	9,430,843
Welch Allyn, Inc.	Body Worn Physiological Sensor Device Having a Disposable Electrode Module	Granted	2015-10-12	14/880,413	2016-09-06	9,433,366
Welch Allyn, Inc.	Medical Device Illuminator and Charging System	Granted	2014-02-25	14/189,674	2016-09-20	9,445,712
Welch Allyn, Inc.	Digital Otoscope	Granted	2013-05-22	13/899,803	2016-10-25	9,474,441
Welch Allyn, Inc.	Temperature Measurement System	Granted	2014-02-21	14/186,797	2016-10-25	9,474,450
Welch Allyn, Inc.	Device Configuration for Supporting a Patient Oxygenation Test	Granted	2014-05-27	14/287,543	2016-10-25	9,474,484
Welch Allyn, Inc.	Cuff Integrity Detection During Inflation of an Automated Blood Pressure Device	Granted	2014-11-12	14/539,483	2016-11-01	9,480,433
Welch Allyn, Inc.	Fundus Imaging System	Granted	2015-11-12	14/939,601	2016-11-22	9,498,126
Welch Allyn, Inc.	Frequency-Adaptive Notch Filter	Granted	2015-10-23	14/921,039	2016-11-22	9,503,056
Welch Allyn, Inc.	Personal Area Network Pairing	Granted	2015-02-26	14/633,032	2016-11-29	9,504,388
Welch Allyn, Inc.	Continuous Patient Monitoring	Granted	2013-09-13	14/026,802	2016-12-13	9,517,012
Welch Allyn, Inc.	Vaginal Speculum with Illuminator	Granted	2015-08-06	14/820,047	2017-01-03	9,532,706
Welch Allyn, Inc.	Evaluation of the Quality of Electrode Contact with a Skin Surface	Granted	2016-01-15	14/996,320	2017-01-31	9,554,749
Welch Allyn, Inc.	Medical Instrument with Remaining Visits Indicator	Granted	2013-11-13	14/079,388	2017-02-07	9,560,976
Welch Allyn, Inc.	Apparatus for Diagnosis of Optically Identifiable Ophthalmic Conditions	Granted	2014-02-28	14/193,920	2017-02-07	9,563,742
Welch Allyn, Inc.	Using Near-Field Communication Both for	Granted	2015-04-03	14/678,127	2017-02-28	9,579,023

Current Owners	App Title	Status	Filed Date	Application Number	Grant Date	Patent No.
	Out-Of-Band Pairing and Physiological Data Transfer					
Welch Allyn, Inc.	Myogram Determination from ECG Signal	Granted	2014-03-04	14/196,962	2017-03-07	9,585,583
Welch Allyn, Inc.	Configurable Health-Care Equipment Apparatus	Granted	2015-08-20	14/831,618	2017-03-14	9,591,974
Welch Allyn, Inc.	User Installed Applications in a Physiological Parameter Display Device	Granted	2010-08-17	13/817,185	2017-03-21	9,600,630
Welch Allyn, Inc.	Mobile Cart with Capacitive Power Supply	Granted	2012-12-18	13/718,869	2017-04-18	9,627,912
Welch Allyn, Inc.	Replacement Light Assembly	Granted	2015-11-02	14/930,029	2017-05-02	9,636,004
Welch Allyn, Inc.	Extensibility for Manipulation of Medical Data	Granted	2013-10-10	14/051,240	2017-05-02	9,641,589
Welch Allyn, Inc.	Digital-Based Medical Devices	Granted	2015-01-08	14/592,195	2017-05-09	9,642,517
Welch Allyn, Inc.	Physiological Parameter Measuring Platform Device Supporting Multiple Workflows	Granted	2016-01-13	14/994,576	2017-05-09	9,646,136
Welch Allyn, Inc.	Dynamic Medical Object Information Base	Granted	2014-06-11	14/301,696	2017-05-09	9,648,090
Welch Allyn, Inc.	Personal Area Network Pairing	Granted	2016-10-24	15/331,962	2017-05-30	9,662,016
Welch Allyn, Inc.	Borescopic Optical System for Medical Diagnostic Instruments and Medical Diagnostic Instruments Having Interlocking Assembly Features	Granted	2015-09-14	14/853,282	2017-06-13	9,675,246
Welch Allyn, Inc.	Temperature-Measurement Probe	Granted	2014-06-16	14/305,554	2017-08-01	9,719,862
Welch Allyn, Inc.	Physiological Parameter Measuring System	Granted	2016-01-28	15/009,496	2017-08-08	9,723,986
Welch Allyn, Inc.	Central Station Integration of Patient Data	Granted	2014-09-16	14/487,667	2017-08-15	9,733,799
Welch Allyn, Inc.	Non Contact Thermometry Systems and Methods	Granted	2016-05-23	15/162,078	2017-09-05	9,750,414
Welch Allyn, Inc.	Systems and Methods for Blood Pressure Measurement	Granted	2014-02-18	14/183,074	2017-09-05	9,750,419
Welch Allyn, Inc.	Ophthalmoscope Device	Granted	2015-12-07	14/960,495	2017-09-12	9,757,031
Welch Allyn, Inc.	Anti-Loss for Medical Devices	Granted	2016-02-19	15/048,499	2017-09-12	9,761,100
Welch Allyn, Inc.	Medical Device with Context-Specific Interfaces	Granted	2014-11-07	14/535,534	2017-09-19	9,763,629
Welch Allyn, Inc.	Probe Cover Container Identification	Granted	2013-11-07	14/074,428	2017-10-17	9,791,325
Welch Allyn, Inc.	IR Thermometry Probe Cover	Granted	2014-10-10	14/511,986	2017-10-17	9,791,326
Welch Allyn, Inc.	Systems and Methods for Determining Patient Temperature	Granted	2016-02-05	15/017,175	2017-10-24	9,795,305
Welch Allyn, Inc.	Medical Device Nucleus Architecture	Granted	2014-11-07	14/535,401	2017-10-31	9,804,836

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Welch Allyn, Inc.	Electrode with Charge-Operated Indicator	Granted	2013-03-15	13/836,738	2017-11-07	9,808,170
Welch Allyn, Inc.	Medical Instrument Having LED Illumination System	Granted	2015-12-03	14/957,813	2017-11-14	9,814,377
Welch Allyn, Inc.	Suprasystolic Measurement in a Fast Blood-Pressure Cycle	Granted	2014-08-22	14/466,356	2017-12-05	9,833,154
Welch Allyn, Inc.	Capacitor Powered Battery Replacement Device	Granted	2015-08-27	14/838,072	2017-12-05	9,833,223
Welch Allyn, Inc.	Platform for Patient Monitoring	Granted	2014-09-17	14/488,917	2018-01-16	9,872,087
Welch Allyn, Inc.	Printed Circuit Board Assembly With Ferrite For Medical Device	Granted	2015-11-06	14/934,783	2018-01-23	9,872,626
Welch Allyn, Inc.	Body Worn Physiological Sensor Device Having a Disposable Electrode Module	Granted	2016-08-16	15/237,719	2018-01-30	9,877,663
Welch Allyn, Inc.	Near Field Communication Sensor System	Granted	2016-11-08	15/346,361	2018-01-30	9,882,610
Welch Allyn, Inc.	Vaginal Speculum Apparatus	Granted	2016-05-09	15/149,747	2018-02-06	9,883,792
Welch Allyn, Inc.	Medical Reporting System and Method	Granted	2013-09-06	14/020,615	2018-02-20	9,898,586
Welch Allyn, Inc.	Temperature Measurement System	Granted	2016-10-21	15/331,060	2018-02-27	9,901,258
Welch Allyn, Inc.	Medical Device	Granted	2015-11-06	14/934,799	2018-02-27	9,901,265
Welch Allyn, Inc.	Impedance Measurement System	Granted	2015-07-29	14/812,836	2018-03-13	9,913,614
Welch Allyn, Inc.	Fundus Imaging System	Granted	2016-10-18	15/297,073	2018-03-20	9,918,629
Welch Allyn, Inc.	Wireless Ambulatory Care Network	Granted	2014-10-31	14/529,510	2018-03-20	9,924,298
Welch Allyn, Inc.	Replacement Light Assembly	Granted	2017-04-13	15/487,109	2018-04-03	9,931,028
Welch Allyn, Inc.	Thermometry Heating and Sensing Assembly	Granted	2015-02-03	14/612,886	2018-04-17	9,943,232
Welch Allyn, Inc.	Analysis of Direct and Indirect Heartbeat Data Variations	Granted	2014-12-03	14/559,405	2018-04-17	9,943,237
Welch Allyn, Inc.	Vaginal Speculum Apparatus	Granted	2017-03-08	15/453,436	2018-04-24	9,949,633
Welch Allyn, Inc.	Examination Light Apparatus with Touch-Less Control	Granted	2014-06-13	14/303,787	2018-05-08	9,967,936
Welch Allyn, Inc.	Personal Area Network Pairing	Granted	2017-04-21	15/493,443	2018-05-15	9,973,883
Welch Allyn, Inc.	Electrode with Charge-Operated Indicator	Granted	2017-10-04	15/724,580	2018-06-05	9,986,930
Welch Allyn, Inc.	Medical Instrument with Remaining Visits Indicator	Granted	2016-12-23	15/390,177	2018-06-05	9,990,468
Welch Allyn, Inc.	Mobile Medical Workstation	Granted	2012-09-12	13/611,869	2018-07-03	10,010,287
Welch Allyn, Inc.	Physiological Parameter Measuring Platform Device	Granted	2015-05-06	14/705,406	2018-07-10	10,016,169

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	Supporting Multiple Workflows					
Welch Allyn, Inc.	Borescopic Optical System for Medical Diagnostic Instruments and Medical Diagnostic Instruments Having Interlocking Assembly Features	Granted	2017-04-21	15/493,500	2018-07-24	10,028,648
Welch Allyn, Inc.	Digital Colposcope System	Granted	2014-12-01	14/557,146	2018-07-24	10,028,649
Welch Allyn, Inc.	Imager for Medical Device	Granted	2013-12-30	14/143,448	2018-07-24	10,028,658
Welch Allyn, Inc.	Physiological Parameter Measuring System	Granted	2017-07-10	15/645,391	2018-07-24	10,028,660
Welch Allyn, Inc.	Navigation Features for Electrocardiograph Device User Interface	Granted	2016-07-14	15/209,953	2018-07-24	10,028,671
Welch Allyn, Inc.	Medical Device Maintenance System	Granted	2015-06-17	14/741,997	2018-08-14	10,049,346
Welch Allyn, Inc.	Temperature-Measurement Probe	Granted	2017-07-28	15/662,919	2018-08-21	10,054,498
Welch Allyn, Inc.	Portable Instrument and Docking Station with Divided Universal Serial Bus Communication Device	Granted	2016-03-30	15/084,678	2018-08-28	10,061,739
Welch Allyn, Inc.	Portable Eye Viewing Device Enabled for Enhanced Field of View	Granted	2014-07-17	14/334,196	2018-09-18	10,078,226
Welch Allyn, Inc.	Using Near-Field Communication Both for Out-Of-Band Pairing and Physiological Data Transfer	Granted	2017-01-17	15/407,425	2018-10-02	10,085,641
Welch Allyn, Inc.	Medical Device	Granted	2015-11-06	14/934,812	2018-10-02	10,085,654
Welch Allyn, Inc.	Eye Viewing Device Enabled for Performing Ear Examinations and Adapter	Granted	2015-02-12	14/620,738	2018-10-09	10,092,175
Welch Allyn, Inc.	Medical Diagnostic Instrument	Granted	2015-11-09	14/935,838	2018-10-16	10,098,530
Welch Allyn, Inc.	Blood Pressure Monitoring System and Method	Granted	2012-09-07	13/606,967	2018-10-16	10,098,553
Welch Allyn, Inc.	Evaluation of the Quality of Electrode Contact with a Skin Surface	Granted	2016-12-14	15/379,080	2018-10-30	10,111,622
Welch Allyn, Inc.	Automatic Fundus Image Capture System	Granted	2016-01-29	15/009,988	2018-11-27	10,136,804
Welch Allyn, Inc.	Body Area Network Pairing Improvements for Clinical Workflows	Granted	2016-06-13	15/180,732	2018-11-27	10,136,817
Welch Allyn, Inc.	Retinal Image Capturing	Granted	2018-05-15	15/980,498	2018-12-18	10,154,782
Welch Allyn, Inc.	Probe Cover Container Identification	Granted	2017-10-16	15/784,654	2018-12-18	10,156,481
Welch Allyn, Inc.	Ophthalmoscope Device	Granted	2017-07-28	15/662,363	2018-12-25	10,159,409
Welch Allyn, Inc.	Body Worn Physiological Sensor Device Having a Disposable Electrode Module	Granted	2018-01-26	15/880,712	2018-12-25	10,159,422
Welch Allyn, Inc.	Vital Signs Monitor	Granted	2014-12-03	14/559,392	2019-01-01	10,165,950
Welch Allyn, Inc.	Configurable Vital Signs System	Granted	2016-02-25	15/053,763	2019-01-01	10,165,984

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Welch Allyn, Inc.	IR Thermometry Probe Cover	Granted	2017-10-16	15/784,791	2019-01-22	10,184,842
Welch Allyn, Inc.	Combined Episodic and Continuous Parameter Monitoring	Granted	2015-12-01	14/955,172	2019-02-12	10,204,081
Welch Allyn, Inc.	Laser Configured Otoscope	Granted	2014-11-04	14/532,524	2019-02-26	10,213,098
Welch Allyn, Inc.	Blood Pressure Measuring Apparatus	Granted	2015-07-02	14/790,873	2019-02-26	10,213,118
Welch Allyn, Inc.	Devices and Methods for Temperature Determination	Granted	2013-12-31	14/144,989	2019-03-12	10,226,183
Welch Allyn, Inc.	User Interface Enhancements for Physiological Parameter Monitoring Platform Devices	Granted	2012-04-05	13/440,860	2019-03-12	10,226,200
Welch Allyn, Inc.	Recyclable or Biodegradable Blood Pressure Cuff	Granted	2013-12-03	14/094,873	2019-03-19	10,231,630
Welch Allyn, Inc.	Digital-Based Medical Devices	Granted	2017-05-08	15/589,173	2019-03-26	10,238,462
Welch Allyn, Inc.	Motion Sensitive and Capacitor Powered Handheld Device	Granted	2017-08-24	15/685,188	2019-05-07	10,278,681
Welch Allyn, Inc.	Fundus Image Capture System	Granted	2016-09-30	15/281,817	2019-05-14	10,285,589
Welch Allyn, Inc.	Device Configuration	Granted	2014-11-07	14/535,576	2019-05-21	10,296,965
Welch Allyn, Inc.	Medical Device Low Acuity Vitals System Architecture	Granted	2014-11-07	14/535,395	2019-06-04	10,310,845
Welch Allyn, Inc.	Central Station Integration of Patient Data	Granted	2017-06-26	15/632,626	2019-06-25	10,332,629
Welch Allyn, Inc.	Ophthalmoscope Device	Granted	2018-05-04	15/971,693	2019-07-02	10,335,029
Welch Allyn, Inc.	Thermal Powered Medical Device	Granted	2012-11-20	13/682,424	2019-07-09	10,342,446
Welch Allyn, Inc.	Medical Device Illuminator and Charging System	Granted	2016-08-18	15/239,891	2019-07-30	10,362,932
Welch Allyn, Inc.	Method and Apparatus for Monitoring a Functional Capacity of an Individual	Granted	2016-09-28	15/278,212	2019-08-06	10,368,810
Welch Allyn, Inc.	Vaginal Speculum Apparatus	Granted	2018-02-05	15/888,248	2019-08-13	10,376,138
Welch Allyn, Inc.	Fundus Imaging System	Granted	2018-01-16	15/872,680	2019-08-13	10,376,141
Welch Allyn, Inc.	Physical Assessment Parameter Measuring Device	Granted	2016-02-25	15/053,661	2019-08-27	10,390,759
Welch Allyn, Inc.	Device Connectivity Engine	Granted	2015-05-28	14/723,593	2019-08-27	10,395,008
Welch Allyn, Inc.	Blood Pressure Cuff	Granted	2016-06-21	15/188,119	2019-09-03	10,398,325
Welch Allyn, Inc.	Charging Cradle for a Vital Signs Monitor	Granted	2005-01-13	29/221,303	2006-02-28	D516,026
Welch Allyn, Inc.	Illuminator Switch Assembly	Granted	2003-03-21	29/178,180	2006-05-09	D520,464
Welch Allyn, Inc.	Lamp Housing	Granted	2004-08-03	29/210,604	2006-09-12	D528,236
Welch Allyn, Inc.	ECG Front End Module	Granted	2004-11-12	29/217,149	2007-01-09	D535,029
Welch Allyn, Inc.	Vital Signs Monitor	Granted	2005-01-13	29/221,268	2007-01-09	D535,031
Welch Allyn, Inc.	Illuminator Storage System	Granted	2004-04-22	29/203,974	2007-01-16	D535,435
Welch Allyn, Inc.	Vital Signs Monitor with Braun TM Thermometer	Granted	2005-01-10	29/221,032	2007-02-13	D536,794



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Welch Allyn, Inc.	Vital Signs Monitor with SureTemp™ Thermometer	Granted	2005-01-10	29/221,033	2007-02-13	D536,795
Welch Allyn, Inc.	Patient Monitoring Device	Granted	2005-08-22	29/236,756	2007-08-28	D549,831
Welch Allyn, Inc.	Air-Flow Transducer with Flow Resistor and Pressure-Compensating Element	Granted	2006-09-22	29/266,525	2007-12-18	D557,788
Welch Allyn, Inc.	Vaginal Speculum	Granted	2006-11-07	29/268,433	2007-12-25	D558,344
Welch Allyn, Inc.	Charging Station for a Portable Illumination Assembly	Granted	2007-03-30	29/285,521	2008-02-26	D562,762
Welch Allyn, Inc.	Otoscopic Tip Element	Granted	2006-08-02	29/264,056	2008-04-08	D566,270
Welch Allyn, Inc.	Otoscopic Instrument Head	Granted	2006-08-02	29/263,999	2008-04-15	D566,838
Welch Allyn, Inc.	Top Surface Portion of a Blood Pressure Cuff	Granted	2006-06-28	29/262,212	2008-05-06	D568,478
Welch Allyn, Inc.	Universal Port Adapter for Blood Pressure Measuring Apparatus and the Like	Granted	2006-09-11	29/265,870	2008-08-26	D575,871
Welch Allyn, Inc.	Illumination Assembly	Granted	2006-11-07	29/268,467	2008-11-25	D581,566
Welch Allyn, Inc.	Auxiliary Power Interface for a Portable Illuminator Assembly	Granted	2007-03-30	29/285,517	2009-01-13	D584,689
Welch Allyn, Inc.	Digital Oscope	Granted	2007-04-03	29/278,585	2009-08-18	D598,545
Welch Allyn, Inc.	Medical Monitor	Granted	2008-08-19	29/323,129	2009-09-22	D600,814
Welch Allyn, Inc.	Medical Monitor	Granted	2009-03-24	29/334,317	2010-02-02	D609,351
Welch Allyn, Inc.	Eye Viewing Device	Granted	2004-06-10	29/207,233	2010-04-06	D613,402
Welch Allyn, Inc.	An Ornamental Design for a Veterinary Otoscopic Tip Element	Granted	2006-03-10	29/255,605	2010-05-11	D615,650
Welch Allyn, Inc.	Examination Light	Granted	2009-09-30	29/344,529	2010-08-10	D621,539
Welch Allyn, Inc.	Examination Light	Granted	2009-09-30	29/344,543	2010-08-10	D621,540
Welch Allyn, Inc.	Examination Light	Granted	2009-09-30	29/344,514	2010-08-17	D621,981
Welch Allyn, Inc.	Medical-Stand Tray	Granted	2010-04-13	29/359,558	2010-10-26	D626,239
Welch Allyn, Inc.	Portions of a Patient-Monitor Housing	Granted	2010-07-22	29/366,262	2011-02-08	D632,397
Welch Allyn, Inc.	Blood-Pressure Monitor Housing	Granted	2010-08-26	29/368,600	2011-03-15	D634,430
Welch Allyn, Inc.	Pulse-Oximeter Holder	Granted	2010-03-24	29/358,208	2011-03-22	D634,846
Welch Allyn, Inc.	Patient-Monitor Housing	Granted	2010-07-22	29/366,255	2011-04-05	D635,681
Welch Allyn, Inc.	Patient-Monitor Housing	Granted	2010-12-01	29/380,149	2011-07-19	D641,885
Welch Allyn, Inc.	Blood-Pressure Cuff	Granted	2010-12-02	29/380,256	2011-08-16	D643,536
Welch Allyn, Inc.	Pulse Oximeter	Granted	2010-10-20	29/377,303	2011-08-23	D643,929
Welch Allyn, Inc.	Display Screen with User Interface for Medical Data	Granted	2009-07-24	29/340,780	2011-12-06	D649,972
Welch Allyn, Inc.	Patient Monitoring Device with Graphical User Interface	Granted	2009-12-31	29/353,090	2012-04-10	D657,368
Welch Allyn, Inc.	Thermometry Probe	Granted	2011-01-10	29/382,907	2012-05-22	D660,188
Welch Allyn, Inc.	Patient Monitoring Device with Graphical User Interface	Granted	2012-02-23	29/414,026	2012-09-25	D667,837
Welch Allyn, Inc.	Patient Monitoring Device with Graphical User Interface	Granted	2012-02-23	29/414,029	2012-09-25	D667,838
Welch Allyn, Inc.	Portion of a Patient-Monitor Module	Granted	2010-07-22	29/366,260	2012-11-20	D671,222
Welch Allyn, Inc.	Cover of a probe or the like	Granted	2012-08-02	29/429,431	2013-07-02	D685,482

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& Kaz USA, Inc.						
Welch Allyn, Inc.	Medical Device Basket	Granted	2010-09-03	29/369,201	2013-07-30	D687,148
Welch Allyn, Inc.	Medical Stand Bins	Granted	2010-03-24	29/358,198	2013-09-03	D689,194
Welch Allyn, Inc.	Desktop Diagnostic Device	Granted	2011-11-30	29/407,593	2014-01-14	D697,625
Welch Allyn, Inc.	Carton	Granted	2013-01-30	29/444,430	2014-02-11	D699,101
Welch Allyn, Inc.	Portion of a Medical Device Housing or the Like	Granted	2012-06-01	29/423,586	2014-05-13	D704,829
Welch Allyn, Inc.	Ophthalmoscope	Granted	2012-12-20	29/440,342	2014-05-13	D704,842
Welch Allyn, Inc.	Carton	Granted	2013-01-30	29/444,435	2014-06-03	D706,128
Welch Allyn, Inc.	Otoscope	Granted	2012-12-20	29/440,339	2014-06-25	D709,191
Welch Allyn, Inc.	Basket	Granted	2013-01-30	29/444,439	2014-08-26	D711,736
Welch Allyn, Inc. & Kaz USA, Inc.	Cover of a probe or the like	Granted	2013-05-21	29/455,442	2014-11-04	D716,953
Welch Allyn, Inc.	Medical Device Housing for an Electrocardiography Device or the Like	Granted	2013-05-31	29/456,512	2014-11-11	D717,441
Welch Allyn, Inc.	Optical Device Adapter	Granted	2013-03-01	29/447,270	2014-11-18	D717,856
Welch Allyn, Inc.	Graphical User Interface for Pulmonary Index	Granted	2012-04-05	29/417,598	2015-03-10	D724,101
Welch Allyn, Inc.	Medical Device Housing	Granted	2012-06-01	29/423,585	2015-03-17	D724,724
Welch Allyn, Inc.	Graphical User Interface for Acoustic Respiration	Granted	2012-04-05	29/417,595	2015-06-09	D731,525
Welch Allyn, Inc.	Illuminator for a Medical Device or the Like	Granted	2012-10-17	29/434,856	2015-10-20	D741,531
Welch Allyn, Inc.	Diagnostic Device	Granted	2014-09-05	29/501,550	2016-01-26	D748,272
Welch Allyn, Inc.	Diagnostic Device	Granted	2014-09-05	29/501,553	2016-02-02	D748,807
Welch Allyn, Inc.	Illuminator for a Medical Device or the Like	Granted	2014-06-27	29/495,181	2016-04-05	D753,295
Welch Allyn, Inc.	Portion of a Medical Device	Granted	2014-09-05	29/501,551	2016-04-19	D754,353
Welch Allyn, Inc.	Diagnostic Device	Granted	2014-09-05	29/501,548	2016-06-14	D759,254
Welch Allyn, Inc.	Illuminator for a Medical Device or the Like	Granted	2012-10-17	29/434,858	2016-06-21	D759,868
Welch Allyn, Inc.	Medical Device	Granted	2014-07-31	29/498,120	2016-06-28	D760,388
Welch Allyn, Inc.	Handle for a Medical Device, Otoscope, Ophthalmoscope, or the Like	Granted	2014-07-31	29/498,122	2016-07-05	D760,895
Welch Allyn, Inc.	Patient Monitoring Device with Graphical User Interface	Granted	2012-04-05	29/417,611	2016-11-22	D772,252
Welch Allyn, Inc.	Medical Device	Granted	2014-07-31	29/498,125	2017-01-17	D776,809
Welch Allyn, Inc. & Kaz USA, Inc.	Cover for a probe	Granted	2013-12-20	29/477,379	2017-05-23	D787,683
Welch Allyn, Inc.	Weight Measurement Device	Granted	2016-02-08	29/554,056	2017-06-06	D788,619
Welch Allyn, Inc.	Weight Measurement Device	Granted	2016-02-08	29/554,057	2017-06-06	D788,620
Welch Allyn, Inc.	Medical Device	Granted	2016-02-08	29/554,054	2017-11-14	D802,768
Welch Allyn, Inc.	Optical Imaging Device	Granted	2016-09-02	29/576,466	2018-11-27	D834,713
Welch Allyn, Inc.	Optical Imaging Device	Granted	2015-11-02	29/544,302	2018-12-04	D835,271
Welch Allyn, Inc. & Kaz USA, Inc.	Cover For a Probe or the Like	Granted	2017-03-17	29/597,457	2019-07-02	D852,964
Welch Allyn, Inc.	Blood Pressure Measuring Apparatus	Granted	2005-08-16	11/205,302	2011-09-27	RE42,754
Welch Allyn, Inc.	Electrical Adapter for Medical Diagnostic Instruments using LEDs as	Granted	2009-10-02	12/572,811	2014-03-18	RE44,806

Current Owners	App Title	Status	Filed Date	Application Number	Grant Date	Patent No.
	Illumination Sources					
Voalte, Inc.	Intelligent presentation of alarms and messages in mobile health systems	Granted	2017-07-11	15/647,216	2019-07-09	10,347,373
Voalte, Inc.	Clinical Message Autocomplete and Electronic Medical Record System Integration	Application	2015-10-22	14/919,767		
Voalte, Inc.	Augmented acknowledgement of alarms and messages in mobile health systems	Granted	2014-09-14	14/485,761	2015-09-08	9,129,501
Voalte, Inc.	Event log versioning, synchronization, and consolidation	Granted	2015-10-20	14/918,459	2017-04-25	9,633,088
Voalte, Inc.	Usage modeling for intelligent management of alarms and messages in mobile health systems	Granted	2014-09-14	14/485,750	2017-05-16	9,649,073
Voalte, Inc.	Intelligent presentation of alarms and messages in mobile health systems	Granted	2014-09-14	14/485,760	2017-08-15	9,734,301
Voalte, Inc.	Connection-oriented messaging and signaling in mobile health networks	Granted	2015-06-10	14/735,241	2017-08-29	9,749,825
Voalte, Inc.	Domain specific languages and complex event handling for mobile health machine intelligence systems	Granted	2015-06-10	14/735,219	2017-11-21	9,824,312
Voalte, Inc.	Adaptive mobile wireless call rescue	Granted	2015-06-10	14/736,245	2018-01-16	9,872,148