

## TRADEMARK ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

ETAS ID: TM694576

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT		
<b>NATURE OF CONVEYANCE:</b>	Release of Security Interest at Reel/Frame 7471/0107		
<b>CONVEYING PARTY DATA</b>			
<b>Name</b>	<b>Formerly</b>	<b>Execution Date</b>	<b>Entity Type</b>
JPMORGAN CHASE BANK, N.A.		12/13/2021	Association: UNITED STATES
<b>RECEIVING PARTY DATA</b>			
<b>Name:</b>	BREATHE TECHNOLOGIES, INC.		
<b>Street Address:</b>	15091 Bake Parkway		
<b>City:</b>	Irvine		
<b>State/Country:</b>	CALIFORNIA		
<b>Postal Code:</b>	92618		
<b>Entity Type:</b>	Corporation: DELAWARE		
<b>Name:</b>	HILL-ROM SERVICES, INC.		
<b>Street Address:</b>	One Prudential Plaza		
<b>Internal Address:</b>	130 E. Randolph Street, Suite 1000		
<b>City:</b>	Chicago		
<b>State/Country:</b>	ILLINOIS		
<b>Postal Code:</b>	60601		
<b>Entity Type:</b>	Corporation: INDIANA		
<b>Name:</b>	ALLEN MEDICAL SYSTEMS, INC.		
<b>Street Address:</b>	One Prudential Plaza		
<b>Internal Address:</b>	130 E. Randolph Street, Suite 1000		
<b>City:</b>	Chicago		
<b>State/Country:</b>	ILLINOIS		
<b>Postal Code:</b>	60601		
<b>Entity Type:</b>	Corporation: INDIANA		
<b>Name:</b>	WELCH ALLYN, INC.		
<b>Street Address:</b>	4341 State Street Road		
<b>City:</b>	Skaneateles Falls		
<b>State/Country:</b>	NEW YORK		
<b>Postal Code:</b>	13153		
<b>Entity Type:</b>	Corporation: NEW YORK		
<b>Name:</b>	HILL-ROM, INC.		

OP \$390.00 86114447

<b>Street Address:</b>	One Prudential Plaza
<b>Internal Address:</b>	130 E. Randolph Street, Suite 1000
<b>City:</b>	Chicago
<b>State/Country:</b>	ILLINOIS
<b>Postal Code:</b>	60601
<b>Entity Type:</b>	Corporation: INDIANA
<b>Name:</b>	VOALTE, INC.
<b>Street Address:</b>	5101 Fruitville Road
<b>City:</b>	Sarasota
<b>State/Country:</b>	FLORIDA
<b>Postal Code:</b>	34232
<b>Entity Type:</b>	Corporation: DELAWARE
<b>Name:</b>	BARDY DIAGNOSTICS, INC.
<b>Street Address:</b>	One Prudential Plaza
<b>Internal Address:</b>	130 E. Randolph Street, Suite 1000
<b>City:</b>	Chicago
<b>State/Country:</b>	ILLINOIS
<b>Postal Code:</b>	60601
<b>Entity Type:</b>	Corporation: DELAWARE
<b>Name:</b>	HILL-ROM HOLDINGS, INC.
<b>Street Address:</b>	One Prudential Plaza
<b>Internal Address:</b>	130 E. Randolph Street, Suite 1000
<b>City:</b>	Chicago
<b>State/Country:</b>	ILLINOIS
<b>Postal Code:</b>	60601
<b>Entity Type:</b>	Corporation: INDIANA

**PROPERTY NUMBERS Total: 15**

Property Type	Number	Word Mark
<b>Serial Number:</b>	86114447	BARDY DIAGNOSTICS
<b>Serial Number:</b>	86115821	CARNATION
<b>Serial Number:</b>	86118332	BDX
<b>Serial Number:</b>	86281491	THE P-WAVE IS KING
<b>Serial Number:</b>	86281481	P-WAVE CENTRIC ECG MONITORING
<b>Serial Number:</b>	86281533	P-WAVE FOCUSED ECG MONITORING
<b>Serial Number:</b>	86732008	BDX
<b>Serial Number:</b>	86732062	CAM
<b>Serial Number:</b>	87704865	BATTRODE
<b>Serial Number:</b>	87703932	BDX CONNECT

Property Type	Number	Word Mark
Serial Number:	86666008	WE'RE CLOSE TO YOUR HEART
Serial Number:	88133030	AFYND
Serial Number:	88776720	SOLOMON
Serial Number:	90267550	MONAMYE
Serial Number:	90267560	MONAMIE

**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

<b>NAME OF SUBMITTER:</b>	Elaine Carrera
<b>SIGNATURE:</b>	/Elaine Carrera/
<b>DATE SIGNED:</b>	12/14/2021

**Total Attachments: 300**

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**RELEASE OF SECURITY INTEREST IN INTELLECTUAL PROPERTY**

This RELEASE OF SECURITY INTEREST IN INTELLECTUAL PROPERTY (this “Release”), dated as of December 13, 2021 (the “Effective Date”), is made by JPMorgan Chase Bank, N.A., in its capacity as Collateral Agent (the “Agent”), in favor of the grantor parties identified on the signature page hereto (each individually, a “Grantor” and collectively, the “Grantors”).

WHEREAS, pursuant to that certain Pledge and Security Agreement, dated as of August 30, 2019, by and among the Agent, the Grantors and certain other parties thereto (as amended, restated, amended and restated, supplemented or otherwise modified from time to time, the “Security Agreement”), the Grantors granted to the Agent, in its capacity as Collateral Agent, a security interest in all of the Grantors’ right, title and interest in and to certain collateral;

WHEREAS, pursuant to the Security Agreement, the Grantors executed and delivered for recording in the United States Patent and Trademark Office (“USPTO”) and the United States Copyright Office (“USCO”), as applicable, (i) an Intellectual Property Security Agreement, dated as of August 30, 2019, entered into by the Grantors party thereto in favor of the Agent, which was recorded with the USPTO as a trademark assignment on September 3, 2019 at Reel/Frame 6734/0788, (ii) an Intellectual Property Security Agreement, dated as of August 30, 2019, entered into by the Grantors party thereto in favor of the Agent, which was recorded with the USPTO as a patent assignment on September 4, 2019 at Reel/Frame 050260/0644, (iii) an Intellectual Property Security Agreement, dated as of August 30, 2019, entered into by the Grantors party thereto in favor of the Agent, which was sent for recordal with the USCO on September 3, 2019, (iv) an Intellectual Property Security Agreement Supplement, dated as of October 22, 2021, entered into by Bardy Diagnostics, Inc. in favor of the Agent, which was recorded with the USPTO as a trademark assignment on October 25, 2021 at Reel/Frame 7471/0107, (v) an Intellectual Property Security Agreement Supplement, dated as of October 22, 2021, entered into by Bardy Diagnostics, Inc. in favor of the Agent, which was sent for recordal with the USPTO as a patent assignment on October 25, 2021, and (vi) an Intellectual Property Security Agreement Supplement, dated October 11, 2019, entered into by Breathe Technologies, Inc. in favor of the Agent (collectively, the “Intellectual Property Security Agreements”); and

WHEREAS, pursuant to the Intellectual Property Security Agreements, the Grantors granted to the Agent a security interest in all of the Grantors’ right, title and interest, whether now owned or hereafter acquired, in and to the IP Collateral (as defined below).

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the Agent hereby agrees as follows:

1. Defined Terms. All capitalized terms used, but not otherwise defined herein, shall have the respective meanings ascribed in or otherwise referenced in the Security Agreement.

2. Release. The Agent, without representation or warranty of any kind, hereby irrevocably releases, discharges, terminates and cancels any and all security interests it has in and to (a) the Copyright registrations set forth on Schedule I attached hereto, (b) the Trademark registrations and applications set forth on Schedule II attached hereto, including the goodwill symbolized by the foregoing, (c) the issued Patents and Patent applications set forth on Schedule III attached hereto, and (d) all proceeds of the foregoing (collectively, the “IP Collateral”). If and to the extent that the Agent has acquired any right, title or interest in and to the IP Collateral under the Intellectual Property Security Agreements, the Agent, without representation or warranty of any kind, hereby irrevocably re-transfers, re-conveys and re-assigns such right, title or interest to the Grantors.

3. Termination. The Agent, without representation or warranty of any kind, hereby irrevocably terminates and cancels the Intellectual Property Security Agreements.

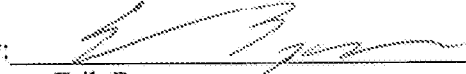
4. Further Assurances. The Agent agrees to take all further actions, and provide to the Grantors and their respective successors, assigns or other legal representatives, all such cooperation and assistance (including, without limitation, the execution and delivery of any and all documents or other instruments), reasonably requested by the Grantors, at the Grantors' sole cost and expense, to more fully and effectively effectuate the purposes of this Release.

5. Governing Law. This Release shall be governed exclusively under the laws of the State of New York, without regard to conflicts of law or choice of law principles.

[Signature Page Follows]

IN WITNESS WHEREOF, the Agent has caused this Release to be executed by its duly authorized representative as of the Effective Date:

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

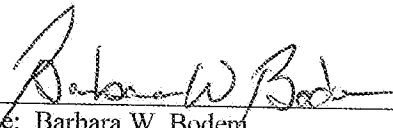
By:   
Name: Erik Barragan  
Title: Authorized Officer

IN WITNESS WHEREOF, the Agent has caused this Release to be executed by its duly authorized representative as of the Effective Date:

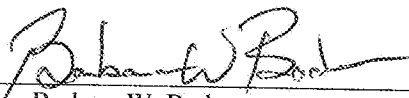
**JPMORGAN CHASE BANK, N.A., as  
Collateral Agent**

By: \_\_\_\_\_  
Name:  
Title:

**GRANTOR:  
BREATHE TECHNOLOGIES, INC.  
HILL-ROM SERVICES, INC.  
ALLEN MEDICAL SYSTEMS, INC.  
WELCH ALLYN, INC.  
HILL-ROM, INC.  
VOALTE, INC.  
BARDY DIAGNOSTICS, INC.**

By:   
Name: Barbara W. Bodem  
Title: President

**HILL-ROM HOLDINGS, INC.**

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

*[IP Release Signature Page]*

## Schedule I

### Copyright Registrations:

**Release of the Copyright Security Agreement, dated as of August 30, 2019, entered into by the Grantors party thereto in favor of the Agent, which was sent for recordal with the USCO on September 3, 2019**

### Welch Allyn - Copyright Registrations:

<b>Owner</b>	<b>Copyright Title</b>	<b>Registration No.</b>	<b>Registration Date</b>
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:**

<u>Owner</u>	<u>Copyright Title</u>	<u>Registration No.</u>	<u>Registration Date</u>
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:**

<b>Owner</b>	<b>Copyright Title</b>	<b>Registration No.</b>	<b>Registration Date</b>
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

Trademarks and Trademark Applications:

Release of the Intellectual Property Security Agreement, dated as of August 30, 2019, entered into by the Grantors party thereto in favor of the Agent, which was recorded with the USPTO as a trademark assignment on September 3, 2019 at Reel/Frame 6734/0788

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

<b>Owner</b>	<b>Trademark Name</b>	<b>Status</b>	<b>Application Date</b>	<b>Application Number</b>	<b>Registration Date</b>	<b>Reg Number</b>
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 TTU	12/05/2018	88/218,071		
Allen Medical Systems, Inc.	S (YELLOFINS APEX logo)	Pending TTU	12/05/2018	88/218,240		

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

<b>Owner</b>	<b>Trademark Name</b>	<b>Status</b>	<b>Application Date</b>	<b>Application Number</b>	<b>Registration Date</b>	<b>Reg Number</b>
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.	CLINTRON	Registered	7/22/1987	73/673,812	3/1/1988	1,479,168
Hill-Rom Services, Inc.	CLINTRON	Registered	12/3/1981	73/339,849	5/24/1983	1,239,269
Hill-Rom Services, Inc.	CLINTRON AT HOME	Registered	9/28/1993	74/441,075	1/16/1996	1,949,410
Hill-Rom Services, Inc.	COMFORLINE	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	87/879,858		
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	1/1/2011	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 TTU	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:**

<b><u>Owner</u></b>	<b><u>Trademark Name</u></b>	<b><u>Status</u></b>	<b><u>Application Number</u></b>	<b><u>Filing Date</u></b>	<b><u>Reg Number</u></b>	<b><u>Reg Date</u></b>
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	4/1/1988	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

<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.	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	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
Welch Allyn, Inc.	SoftSpec 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

<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.	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	87/392,458	03/30/2017	5,649,977	01/08/2019
Welch Allyn, Inc.	CONNEX	Application Pending TTU	87/588,151	08/29/2017		
Welch Allyn, Inc.	RETNAVUE	Registered	87/668,332	11/01/2017	5,491,463	06/12/2018
Welch Allyn, Inc.	MICROTYMP	Application Pending TTU	87/779,606	02/01/2018		
Welch Allyn, Inc.	VERIGUARD	Application Pending TTU	88/348,731	03/20/2019		
Welch Allyn, Inc.	SPOT	Application Pending	88/310,732	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:**

<b><u>Owner</u></b>	<b><u>Trademark Name</u></b>	<b><u>Status</u></b>	<b><u>Application Number</u></b>	<b><u>Filing Date</u></b>	<b><u>Reg Number</u></b>	<b><u>Reg Date</u></b>
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

<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. Skadden 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. Skadden 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. Skadden 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. Skadden 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 the BV entity 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. Skadden 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.	M DESIGN	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
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

<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. Skadden 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. Skadden 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. Skadden 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>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. Skadden 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. Skadden 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 the BV entity 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.

<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.	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

<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. Skadden 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. Skadden 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:**

<b>Owner</b>	<b>Trademark Name</b>	<b>Status</b>	<b>Application Date</b>	<b>Application Number</b>	<b>Registration Date</b>	<b>Reg Number</b>
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:**

<b>Owner</b>	<b>Trademark Name</b>	<b>Status</b>	<b>Application Date</b>	<b>Application Number</b>	<b>Registration Date</b>	<b>Reg Number</b>
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





**Release of the Intellectual Property Security Agreement Supplement, dated as of October 22, 2021, entered into by Bardy Diagnostics, Inc. in favor of the Agent, which was recorded with the USPTO as a trademark assignment on October 25, 2021 at Reel/Frame 7471/0107**


Owner	Trademark	Status	App. Date	App. No.	Reg. Date	Reg. No.
Bardy Diagnostics, Inc.	BARDY DIAGNOSTICS	Registered	Nov. 08, 2013	86/114,447	Apr. 11, 2017	5,181,906
Bardy Diagnostics, Inc.	CARNATION	Registered	Nov. 11, 2013	86/115,821	Nov. 28, 2017	5,346,506
Bardy Diagnostics, Inc.	BDX	Registered	Nov. 13, 2013	86/118,332	Sep. 20, 2016	5,045,912
Bardy Diagnostics, Inc.	THE P-WAVE IS KING	Registered	May 14, 2014	86/281,491	Aug. 07, 2018	5,535,992
Bardy Diagnostics, Inc.	P-WAVE CENTRIC ECG MONITORING	Registered	May 14, 2014	86/281,481	Feb. 06, 2018	5,396,677
Bardy Diagnostics, Inc.	P-WAVE FOCUSED ECG MONITORING	Registered	May 14, 2014	86/281,533	Aug. 07, 2018	5,535,993
Bardy Diagnostics, Inc.	 BDX (design)	Registered	Aug. 20, 2015	86/732,008	Nov. 22, 2016	5,087,846
Bardy Diagnostics, Inc.	CAM	Registered	Aug. 20, 2015	86/732,062	Nov. 22, 2016	5,087,847
Bardy Diagnostics, Inc.	BATTRODE	Registered	Dec. 01, 2017	87/704,865	Mar. 17, 2020	6,014,084
Bardy Diagnostics, Inc.	 BDx CONNECT (Design)	Registered	Nov. 30, 2017	87/703,932	Mar. 31, 2020	6,024,610
Bardy Diagnostics, Inc.	 WE'RE CLOSE TO YOUR HEART	Registered	Jun. 17, 2015	86/666,008	Nov. 7, 2017	5,330,148
Bardy Diagnostics, Inc.	AFYND	Allowed ITU	Sep. 26, 2018	88/133,030		
Bardy Diagnostics, Inc.	SOLOMON	Allowed ITU	Jan. 28, 2020	88/776,720		
Bardy Diagnostics, Inc.	MONAMYE	Allowed ITU	Oct. 20, 2020	90/267,550		

Owner	Trademark	Status	App. Date	App. No.	Reg. Date	Reg. No.
Bardy Diagnostics, Inc.	MONAMIE	Allowed	Oct. 20, 2020	90/267,560		
		ITU				

Release of the Intellectual Property Security Agreement Supplement, dated October 11, 2019, entered into by Breathe Technologies, Inc. in favor of the Agent

Owner	Our Ref.	Type	Status	App. No.; Trademark No.	Title	File Date; Issue Date
Breathe Technologies, Inc.	BRTHE-169T	Standard Character	Registered	85/015,112; <b>3,969,045</b>	BREATHE TECHNOLOGIES	4/15/2010; 5/31/2011
Breathe Technologies, Inc.	BRTHE-170T	Standard Character	Registered	77/967,915; <b>4,154,573</b>	NIOV	3/24/2010; 6/5/2012
Breathe Technologies, Inc.	BRTHE-181T	Standard Character	Abandoned	86/323,317	LIVE LONG AND BREATHE	6/27/2014
Breathe Technologies, Inc.	BRTHE-182T	Standard Character	Registered	86/336,763 <b>5,418,518</b>	LIFE2000	7/14/2014 <b>3/6/2018</b>
Breathe Technologies, Inc.	BRTHE-186T	Standard Character	Expired	86/523,194	LIFE3000	2/3/2015
Breathe Technologies, Inc.	BRTHE-187T	Standard Character	Abandoned	86/801,226	AIR <sup>2</sup> TECHNOLOGY	10/27/2015
Breathe Technologies, Inc.	BRTHE-189T1	Design	Registered	87/782,619 <b>5,513,850</b>		2/2/2018 <b>7/10/2018</b>
Breathe Technologies, Inc.	BRTHE-190T1	Design	Registered	87/782,624 <b>5,513,851</b>		2/2/2018 <b>7/10/2018</b>

Owner	Our Ref.	Type	Status	App. No., Trademark No.	Title	File Date, Issue Date
Breathe Technologies, Inc.	BRTHE-191T1	Design	Registered	87/782,628 <b>5,513,852</b>		2/2/2018 <b>7/10/2018</b>
Breathe Technologies, Inc.	BRTHE-195T	Standard Character	Registered	86/912,123 <b>5,492,633</b>	UNIVERSAL CIRCUIT	2/18/2016 <b>6/12/2018</b>
Breathe Technologies, Inc.	BRTHE-198T	Standard Character	Registered	87/066,672 <b>5,455,336</b>	BREATHE PILLOWS INTERFACE	6/9/2016 <b>4/24/2018</b>
Breathe Technologies, Inc.	BRTHE-199T	Standard Character	Registered	87/066,644 <b>5,541,541</b>	POV	6/9/2016 <b>8/14/2018</b>
Breathe Technologies, Inc.	BRTHE-199T1	Standard Character	Registered (Supplemental Register)	87066659 <b>5,494,048</b>	PROPORTIONAL OPEN VENTILATION	6/9/2016 <b>6/12/2018</b>
Breathe Technologies, Inc.	BRTHE-200T	Standard Character	Abandoned	87/066,663	PVOV	6/7/2016
Breathe Technologies, Inc.	BRTHE-200T1	Standard Character	Abandoned	87/066,669	PROPORTIONAL VOLUME OPEN VENTILATION	6/9/2016
Breathe Technologies, Inc.	BRTHE-202T	Standard Character	Registered	87/095,966 <b>5,397,238</b>	LIFE2000h	7/7/2016 <b>2/6/2018</b>
Breathe Technologies, Inc.	BRTHE-206T	Design	Registered	87/707,449 <b>5,687,216</b>	COMBO <sub>2</sub>	12/4/2017 <b>2/26/2019</b>
Breathe Technologies, Inc.	BRTHE-210T	Design	Registered	87/801,304 <b>5,665,065</b>		2/16/2018 1/29/2019

Owner	Our Ref.	Type	Status	App. No. / Trademark No.	Title	File Date / Issue Date
Breathe Technologies, Inc.	BRTHE-211T	Design	Abandoned	87/834,427	Do more with 	3/14/2018

Schedule III

**Patents and Patent Applications:**

**Release of the Intellectual Property Security Agreement, dated as of August 30, 2019, entered into by the Grantors party thereto in favor of the Agent, which was recorded with the USPTO as a patent assignment on September 4, 2019 at**

**Reel/Frame 050260/0644**

<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 Table Extension (From PROV 18001)	Granted	9/19/2005	11/229,759	4/21/2009	7,520,008
Allen Medical Systems, Inc.	Accessory Rail Clamp with Latch and Lock Mechanisms (from PROVS)	Granted	4/11/2006	11/402,331	4/21/2009	7,520,007
Allen Medical Systems, Inc.	Body Support Apparatus for Spinal Surgery (from PROVS 17785, 17786, 17787, 17788)	Granted	4/11/2006	11/402,327	10/13/2009	7,600,281
Allen Medical Systems, Inc.	Accessory Frame for Spinal Surgery (FROM PROV 17785, 17786, 17787, 17788))	Granted	4/11/2006	11/402,330	3/2/2010	7,669,262
Allen Medical Systems, Inc.	Head Support Apparatus for Spinal Surgery (from PROVS 17785, 17786, 17787, 17788)	Granted	4/11/2006	11/402,332	2/8/2011	7,882,583

Allen Medical Systems, Inc.	Localized Patient Support (From PROV)	Granted	6/6/2007	11/758,818	9/6/2011	8,011,045
Allen Medical Systems, Inc.	Modular System For Patient Positioning During Medical Procedures (from PROV)	Granted	10/1/2007	11/865,337	10/18/2011	8,037,884
Allen Medical Systems, Inc.	Surgical Table Accessory Platform (From 20480)	Granted	8/22/2008	12/674,545	3/19/2013	8,397,323
Allen Medical Systems, Inc.	Surgical Table Extension (CON of 17783)	Granted	4/3/2009	12/417,772	9/4/2012	8,256,050
Allen Medical Systems, Inc.	Operative Arm Support (From PROV 20458)	Granted	7/23/2009	12/508,389	12/4/2012	8,322,342
Allen Medical Systems, Inc.	Surgical Positioning System	Granted	9/2/2009	12/584,337	6/25/2013	8,469,911
Allen Medical Systems, Inc.	Prone and Laterally Angled Surgical Device and Method (From PROV 20218)	Granted	10/28/2009	12/607,700	1/28/2014	8,635,725
Allen Medical Systems, Inc.	Padded Head Support	Granted	11/18/2010	12/948,818	10/15/2013	8,555,439
Allen Medical Systems, Inc.	Operating Room Table Adapter	Granted	11/18/2010	12/948,820	8/19/2014	8,806,679

Allen Medical Systems, Inc.	Surgical Head Support Apparatus	Granted	11/18/2010	12/948,815	11/25/2014	8,893,333
Allen Medical Systems, Inc.	Surgical Positioning System (CIP of 37460)	Granted	1/21/2011	13/011,686	4/8/2014	8,690,806
Allen Medical Systems, Inc.	Head Support Apparatus for Spinal Surgery (CON of 17732)	Granted	2/7/2011	13/022,374	8/7/2012	8,234,731
Allen Medical Systems, Inc.	Lacing System To Secure A Limb In A Surgical Support Apparatus (from prov)	Granted	2/15/2011	13/027,413	4/29/2014	8,707,486
Allen Medical Systems, Inc.	Surgical Positioning System (CIP of 37461)	Granted	3/18/2011	13/051,937	4/8/2014	8,690,807
Allen Medical Systems, Inc.	Surgical Foot Support With Tightener System	Granted	6/2/2011	13/151,627	7/5/2016	9,381,130
Allen Medical Systems, Inc.	Surgical Foot Support With Handles	Granted	6/2/2011	13/151,617	5/23/2017	9,655,764
Allen Medical Systems, Inc.	Disposable Urology Drainage Bag (From PROV 22919)	Granted	7/7/2011	13/177,609	9/16/2014	8,833,707

Allen Medical Systems, Inc.	Localized Patient Support (CON of 18860)	Granted	7/27/2011	13/191,589	10/9/2012	8,281,434
Allen Medical Systems, Inc.	Modular system for patient positioning during medical procedures	Granted	9/23/2011	13/242,049	4/9/2013	8,413,660
Allen Medical Systems, Inc.	Surgical Assembly	Granted	9/30/2011	13/250,381	4/7/2015	8,997,749
Allen Medical Systems, Inc.	Lateral Surgical Platform With Rotation (From PROV 34197)	Granted	12/14/2011	13/326,159	7/7/2015	9,072,646
Allen Medical Systems, Inc.	Head Support Pad for Surgery (CON of 35075)	Granted	12/30/2011	29/409,927	8/21/2012	D665,912
Allen Medical Systems, Inc.	Distractor Straps For Use With Distractor Apparatuses (From PROV 35235)	Granted	3/30/2012	13/435,040	9/30/2014	8,845,568
Allen Medical Systems, Inc.	Low Profile Distractor Apparatuses (From PROV 35234)	Granted	3/30/2012	13/435,022	11/3/2015	9,173,649
Allen Medical Systems, Inc.	Surgical Accessory Interface Device	Granted	6/6/2012	13/490,064	2/12/2019	10,201,467
Allen Medical Systems, Inc.	Surgical Positioning System (CON of 37460)	Granted	1/17/2013	13/744,233	1/28/2014	8,636,680



Allen Medical Systems, Inc.	Carriage for a Surgical Boot of a Hip Distractor (from PROV 36446)	Granted	3/7/2013	13/788,677	8/18/2015	9,107,792
Allen Medical Systems, Inc.	Dual column surgical support system (From PROV 36377, 35688 and 36262)	Granted	3/7/2013	13/789,037	11/22/2016	9,498,397
Allen Medical Systems, Inc.	Multi-Axis Joint for A Spar of a Limb Holder (from PROV 36572)	Granted	3/8/2013	13/790,148	10/20/2015	9,161,875
Allen Medical Systems, Inc.	Surgical Support System (From PROV 36571)	Granted	3/13/2013	13/799,251	8/15/2017	9,730,851
Allen Medical Systems, Inc.	Surgical Positioning System (CON of 37462)	Granted	4/2/2014	14/242,918	1/24/2017	9,549,865
Allen Medical Systems, Inc.	Accessory Flat-Top Panel For Use With Surgical Tables (From PROV 37234)	Granted	9/4/2014	14/477,559	9/5/2017	9,750,657
Allen Medical Systems, Inc.	Countertraction Surgical Assembly (CON of 35579)	Granted	2/26/2015	14/632,376	12/11/2018	10,149,792

Allen Medical Systems, Inc.	Dual Column Surgical Support System (CON of 36865)	Granted	3/30/2015	14/673,183	9/12/2017	9,757,299
Allen Medical Systems, Inc.	Dual Column Surgical Table Having a Single-Handle Unlock for Table Rotation (CON of 38578)	Granted	4/29/2015	14/699,004	5/15/2018	9,968,503
Allen Medical Systems, Inc.	Brake Release Mechanism for Surgical Table (From PROV 37948)	Granted	5/12/2015	14/709,559	5/23/2017	9,655,793
Allen Medical Systems, Inc.	Multi-Site Surgical Drape and Method (CON of 35940)	Granted	6/10/2015	14/735,746	4/10/2018	9,937,006
Allen Medical Systems, Inc.	Carriage for a Surgical Boot of a Hip Distractor (CON of 36861)	Granted	8/14/2015	14/826,359	8/14/2018	10,045,901
Allen Medical Systems, Inc.	Release Handle Mechanisms for a Spat of a Limb Holder (CON of 36862)	Granted	9/29/2015	14/869,339	3/26/2019	10,238,568

Allen Medical Systems, Inc.	Surgical Arm Positioning Systems And Methods (From PROV 37769) (Also claims priority to N1-37770, 37773, 38380 & 38898)	Granted	10/6/2015	14/876,066	8/6/2019	10,369,069
Allen Medical Systems, Inc.	Sterile Limb Connectors and Methods	Granted	10/6/2015	14/875,891	6/9/2020	10,675,203
Allen Medical Systems, Inc.	Boot Strrup (From PROV 37582)	Granted	10/12/2015	14/880,619	1/29/2019	10,188,573
Allen Medical Systems, Inc.	Dual Modality Prone Spine Patient Support Apparatuses (From PROV 38263)	Granted	12/15/2015	14/969,123	12/3/2019	10,492,973
Allen Medical Systems, Inc.	Multi-Axis Joint For a Spar of a Limb Holder (CON of 36862)	Granted	12/31/2015	14/986,136	9/3/2019	10,398,615
Allen Medical Systems, Inc.	Person Support Apparatuses Including Person Repositioning Assemblies (From PROV 38618)	Granted	6/8/2016	15/176,824	10/1/2019	10,426,684

Allen Medical Systems, Inc.	Spine Table Positioner Pad With Pressure Sensing And Cooling Features (From PROV 38654)	Granted	6/14/2016	15/181,769	7/14/2020	10,709,630
Allen Medical Systems, Inc.	System and Process of Locating a Medical Imaging Device (From PROV 38652)	Granted	6/30/2016	15/198,522	5/15/2018	9,968,502
Allen Medical Systems, Inc.	Person Support Apparatus With Tracking Features (From PROV)	Granted	7/28/2016	15/222,596	6/11/2019	10,314,758
Allen Medical Systems, Inc.	Surgical Patient Support For Accommodating Lateral-To-Prone Patient Positioning (From PROV N1-38795)	Granted	10/11/2016	15/290,156	7/30/2019	10,363,189
Allen Medical Systems, Inc.	Surgical Patient Support System And Method For Lateral-To-Prone Support of a Patient During Spine Surgery	Granted	10/11/2016	15/290,164	2/18/2020	10,561,559

Allen Medical Systems, Inc.	Systems And Methods For Determining And Tracking Subject Positioning (From PROV 38833)	Granted	10/27/2016	15/336,082	1/5/2021	10,881,328
Allen Medical Systems, Inc.	Subject and Surgical Equipment Monitoring Systems (From PROV 38962)	Application	11/4/2016	15/343,577		
Allen Medical Systems, Inc.	Person Support Apparatuses For Subject Repositioning (From PROV 38829)	Granted	11/11/2016	15/349,680	12/8/2020	10,857,054
Allen Medical Systems, Inc.	Surgical Positioning System (CON of 37469)	Granted	12/15/2016	15/379,561	8/27/2019	10,391,014
Allen Medical Systems, Inc.	Reconfigurable Patient Support Device and Patient Support System	Granted	3/9/2017	15/453,980	12/1/2020	10,849,808
Allen Medical Systems, Inc.	Boot Carriage for Repositioning a Surgical Boot Along a Support Rod	Granted	3/30/2017	15/473,784	11/17/2020	10,835,440

Allen Medical Systems, Inc.	Pinless Loading For Spine Table	Granted	5/17/2017	15/597,401	2/4/2020	10,548,793
Allen Medical Systems, Inc.	Surgical Support System (CON of 36898)	Granted	7/26/2017	15/659,712	7/7/2020	10,702,437
Allen Medical Systems, Inc.	Adjustable Cervical Traction Assemblies for Person Support Apparatuses (From PROV 39573)	Granted	1/24/2018	15/878,843	11/30/2021	11,185,459
Allen Medical Systems, Inc.	Multi-Site Surgical Drape (DIV of 35672)	Granted	2/20/2018	15/899,528	5/25/2021	11,013,570
Allen Medical Systems, Inc.	Bracket Attachment Apparatus for Dual Column Surgical Table (CON of 38629)	Granted	4/25/2018	15/962,025	5/4/2021	10,993,864
Allen Medical Systems, Inc.	Rotation Lockout For Surgical Support (From PROV 39597)	Application	7/18/2018	16/038,519		
Allen Medical Systems, Inc.	Boot Stirrup Having Adjustable Length Boot	Granted	12/21/2018	16/229,247	10/19/2021	11,147,730
Allen Medical Systems, Inc.	Surgical Patient Support And Methods Thereof	Application	2/14/2019	16/275,728		

Allen Medical Systems, Inc.	Adjustable Lithotomy Positioning Apparatus with a Limb Rest	Application	2/19/2019	16/279,399		
Allen Medical Systems, Inc.	Modular Surgical System	Application	5/14/2019	16/411,301		
Allen Medical Systems, Inc.	Surgical Patient Support For Accommodating Lateral-To-Prone Patient Positioning (From PROV N1-38795)	Granted	6/25/2019	16/451,446	8/24/2021	11,096,853
Allen Medical Systems, Inc.	Patient Support with Selectable Pivot	Application	8/6/2019	16/533,158		
Allen Medical Systems, Inc.	Lateral-to-Prone Spine Surgery Table	Granted	1/13/2020	16/740,838	10/6/2020	10,792,207
Allen Medical Systems, Inc.	Pad for Surgical Boot	Application	3/17/2020	29/728,292		
Allen Medical Systems, Inc.	Spine Surgery Table Pad (Con of N1 41519)	Application	9/2/2020	17/009,854		
Allen Medical Systems, Inc.	Person Support Apparatuses For Subject Repositioning (DIV of N1 39469)	Application	11/4/2020	17/089,358		

Allen Medical Systems, Inc.	Surgical Boot With Splined Support Rod (CON of N1 39685)	Application	11/9/2020	17/092,492		
Allen Medical Systems, Inc.	Armboard Assemblies For Supporting And Positioning A Limb Relative To A Mounting Structure	Application	12/22/2020	63/129,153		
Allen Medical Systems, Inc.	Lateral Spine Surgery Top for Two Column Operating Table	Application	1/29/2021	63/143,048		
Allen Medical Systems, Inc.	Patient Positioning Device for Lateral and Prone Single-Position Spine Surgery	Application	3/5/2021	63/157,036		
Allen Medical Systems, Inc.	Table Top to Bracket Coupling Apparatus for Spine Surgery Table (CON of 38629) (CON of N1 40286)	Application	4/6/2021	17/223,081		



Allen Medical Systems, Inc.	Lateral Supports For Dual-Column Surgical Table (DIV of 35672)	Application	4/22/2021	17/237,295		
Allen Medical Systems, Inc.	Surgical Patient Support For Lateral-To-Prone Patient Positioning (Con of N1 40968)	Application	7/28/2021	17/386,731		
Allen Medical Systems, Inc.	Adjustable Cervical Traction Assemblies for Person Support Apparatuses (From PROV 39573) (Div. of N1-40032)	Application	8/24/2021	17/410,444		
Allen Medical Systems, Inc.	Releasable Spar For Surgical Boot (DIV of N1 40712)	Application	9/27/2021	17/485,826		
Allen Medical Systems, Inc.	Dual Column Surgical Table Having A Single-Handle Unlock For Table Rotation (CON of N1 40286) (CON of N1 42757)	Application	10/6/2021	17/495,068		

Allen Medical Systems, Inc.	Surgical Traction Boot Having Resilient Heel Pad And Medial and Lateral Straps	Application	11/9/2021	63,277,256		
Allen Medical Systems, Inc.	Surgical Patient Support And Methods Thereof	Application	11/29/2021	17,536,792		
Allen Medical Systems, Inc.	Rotation Lockout For Surgical Support (From PROV 39597)	Application	11/30/2021	17,537,703		
Allen Medical Systems, Inc.	Armboard Assemblies For Supporting And Positioning A Limb Relative To A Mounting Structure	Application	12/1/2021	17,539,482		
Allen Medical Systems, Inc. & Smith & Nephew, Inc.	Hip Distraction	Granted	5/24/2013	13,902,286	6/21/2016	RE46,032
Allen Medical Systems, Inc. & Smith & Nephew, Inc.	Hip Distraction	Granted	10/27/2016	15,335,801	8/13/2019	10,376,287
Allen Medical Systems, Inc. & Smith and Nephew Inc	Hip distraction	Granted	5/29/2007	11,754,853	5/24/2011	7,947,006

Allen Medical Systems, Inc. & Smith and Nephew Inc	Hip distraction	Granted	4/2/2011	13/084,939	11/1/2016	9,480,614
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	6/25/2003	10/604,068	6/28/2005	6,910,238
Anodyne Medical Device, Inc.	Adjustable width bariatric transport support surface	Granted	11/17/2005	11/164,314	2/18/2014	8,650,686
Anodyne Medical Device, Inc.	Nodal modular support surface	Granted	10/3/2007	11/866,602	1/7/2014	8,621,693
Anodyne Medical Device, Inc.	Apparatus and method for rapidly deflating air cells with check valves for cardiopulmonary resuscitation	Granted	12/13/2007	11/955,899	10/12/2010	7,810,195

Anodyne Medical Device, Inc.	Mattress with features for improved support and comfort	Granted	5/21/2008	12/124,581	3/23/2010	7,681,270
Anodyne Medical Device, Inc.	Bed exit alarm	Granted	9/11/2009	12/558,142	10/25/2011	8,042,206
Anodyne Medical Device, Inc.	Stimul-Air Sleeve	Granted	6/14/2010	12/814,856	7/31/2012	8,231,561
Anodyne Medical Device, Inc.	Support surface system providing simultaneous alternating pressure and low air loss therapies	Granted	9/15/2010	12/882,966	10/7/2014	8,852,131
Anodyne Medical Device, Inc.	Support surface with proximity sensor and operable in low power mode	Granted	5/18/2011	13/110,310	10/21/2014	8,868,244
Anodyne Medical Device, Inc.	Vibrational support surface	Granted	7/17/2012	13/551,069	6/24/2014	8,758,281
Anodyne Medical Device, Inc.	Support surface system providing simultaneous alternating pressure and low air loss therapies	Granted	10/7/2014	14/508,525	6/14/2016	9,364,386

Anodyne Medical Device, Inc. & Board of Regents of the University of Nebraska	Pediatric lumbar puncture positioning device	Granted	3/10/2011	13/045,331	3/12/2013	8,393,329
Hill-Rom	Incontinence Detection System and Detectors	Granted	5/9/2019	16/407,258	3/16/2021	10,945,892
Hill-Rom Services PTE Limited	Lung Imaging System For Targeted Therapy	Application	10/5/2021	63/252,250		
Hill-Rom Services PTE Limited	High Frequency Chest Wall Oscillation Air Pulse Generator Having Pressure Sensor for Feedback Control	Application	10/13/2021	63/255,143		
Hill-Rom Services PTE Limited	Multifunctional Ventilator Interfaces	Application	10/20/2021	17/505,931		
Hill-Rom Services, Inc	Load Cell Apparatus (from Prov 9949)	Granted	9/26/2000	09/669,707	8/2/2005	6,924,441
Hill-Rom Services, Inc	Self-inflating mattress	Granted	2/15/2002	10/077,007	2/24/2004	6,694,556
Hill-Rom Services, Inc	Hospital Bed (From Prov 11475)	Granted	3/27/2002	10/107,777	5/2/2006	7,036,166

Hill-Rom Services, Inc	Hospital Bed and Network System (From Prov 10857)	Granted	4/1/2002	10/114,682	8/15/2006	7,092,376
Hill-Rom Services, Inc	Patient Support Apparatus Having Auto Contour (From PROV 11569)	Granted	4/10/2002	10/119,470	11/11/2003	6,643,873
Hill-Rom Services, Inc	Article Locating and Tracking System (From Prov 11218)	Granted	5/8/2002	10/141,457	7/24/2007	7,248,933
Hill-Rom Services, Inc	Architectural Bed Docking Apparatus (From Prov 12160)	Granted	5/17/2002	10/150,574	12/27/2005	6,978,499
Hill-Rom Services, Inc	Headwall (From Prov 12160)	Granted	5/23/2002	10/154,312	5/24/2005	6,895,715
Hill-Rom Services, Inc	Waste Segregation Compliance System (From Prov 10339)	Granted	5/24/2002	10/154,644	7/6/2004	6,759,959
Hill-Rom Services, Inc	Overbed Table for Use With a Patient Support (CIP 11463)	Granted	8/2/2002	10/211,111	4/25/2006	7,032,522
Hill-Rom Services, Inc	Patient Point of Care Computer System (From Prov 12333)	Granted	8/2/2002	10/211,451	12/26/2006	7,154,397

Hill-Rom Services, Inc	Ambulatory Assist Arm Apparatus (From Prov 11441)	Granted	8/12/2002	10/217,295	5/4/2004	6,728,985
Hill-Rom Services, Inc	Combination Bed Mover and Patient Transfer Apparatus (From Prov 11065)	Granted	9/20/2002	10/247,991	12/28/2004	6,834,402
Hill-Rom Services, Inc	Bed Siderail Pad Apparatus	Granted	9/26/2002	10/255,196	11/23/2004	6,820,293
Hill-Rom Services, Inc	Integrated Barrier and Fluid Supply for a Hospital Bed (From Prov 12750)	Granted	10/1/2002	10/261,771	12/14/2004	6,829,796
Hill-Rom Services, Inc	Side And End Brake/Steer Mechanism For Stretchers	Granted	1/22/2003	10/349,428	12/4/2007	7,302,717
Hill-Rom Services, Inc	Hospital Bed Control Apparatus (from PCT 14336)	Granted	3/18/2003	10/508,359	3/10/2009	7,500,280
Hill-Rom Services, Inc	Hospital Bed Obstacle Detection Device and Method (from PCT 14492)	Granted	4/21/2003	10/510,996	1/6/2009	7,472,437

Hill-Rom Services, Inc	Sidetrail Pad for Hospital Bed (Cont 11179)	Granted	7/25/2003	10/627,226	8/16/2005	6,928,673
Hill-Rom Services, Inc	Patient support	Granted	8/26/2003	10/648,053	4/19/2005	6,880,189
Hill-Rom Services, Inc	Hospital Bed (From Prov 13871)	Granted	9/8/2003	10/657,696	11/20/2007	7,296,312
Hill-Rom Services, Inc	Patient Support Apparatus Having Auto Contour (Cont. N1-13357)	Granted	9/25/2003	10/670,941	1/11/2005	6,839,926
Hill-Rom Services, Inc	Hygiene Monitoring System (Con 11323)	Granted	10/31/2003	10/698,652	3/21/2006	7,015,816
Hill-Rom Services, Inc	Apparatus For Carrying Medical Equipment (from Prov 13583)	Granted	11/5/2003	10/700,501	7/11/2006	7,073,765
Hill-Rom Services, Inc	Foot Controls For A Bed (CON 11473)	Granted	12/18/2003	10/740,169	12/27/2005	6,978,500
Hill-Rom Services, Inc	Patient Care Equipment Management System (From Provs 14124 and 14830)	Granted	3/17/2004	10/802,289	6/27/2006	7,065,812



Hill-Rom Services, Inc	System For Compression Therapy With Patient Support (From PCT)	Granted	4/8/2004	10/553,086	1/5/2010	7,641,623
Hill-Rom Services, Inc	Article Locating and Tracking Apparatus and Method (From Prov 14317)	Granted	4/12/2004	10/822,525	7/10/2007	7,242,306
Hill-Rom Services, Inc	Combined Locating, Tracking and Communications System (from PCT 15825)	Granted	5/14/2004	10/556,670	3/15/2011	7,907,053
Hill-Rom Services, Inc	Hospital Bed (From PROV)	Granted	5/20/2004	10/557,524	1/12/2010	7,644,457
Hill-Rom Services, Inc	Pulmonary therapy apparatus	Granted	8/17/2004	10/919,652	3/18/2008	7,343,916
Hill-Rom Services, Inc	Plug & Receptacle Having Wired and Wireless Coupling (FROM PCT)	Granted	8/19/2004	10/568,918	7/15/2008	7,399,205
Hill-Rom Services, Inc	Patient Care Equipment Support Lock (From PCT N2-15785)	Granted	10/12/2004	10/575,405	9/2/2008	7,418,749

Hill-Rom Services, Inc	Hospital Bed Side Rail With Medical Treatment Control Unit (DIV 12965)	Granted	12/6/2004	11/005,583	1/11/2011	7,865,982
Hill-Rom Services, Inc	Exit Alarm For A Hospital Bed Triggered By Individual Load Cell Weight Readings Exceeding A Predetermined Threshold (From Prov)	Granted	12/10/2004	11/009,872	8/7/2007	7,253,366
Hill-Rom Services, Inc	Seat Force Sensor For A Patient Support (from PCT)	Granted	12/10/2004	10/581,870	12/2/2008	7,459,645
Hill-Rom Services, Inc	Patient support apparatus	Granted	12/14/2004	11/011,658	12/15/2007	7,310,839
Hill-Rom Services, Inc	Variable Height Siderail for a Bed (from PCT)	Granted	3/2/2005	10/598,758	4/5/2011	7,917,978
Hill-Rom Services, Inc	Mattress System for a Hospital Bed (From PROV)	Granted	3/7/2005	11/073,795	8/28/2007	7,260,860
Hill-Rom Services, Inc	Hospital Bed (from PROV)	Granted	3/7/2005	11/073,811	12/16/2008	7,464,425
Hill-Rom Services, Inc	Patient Removal System (From Prov 14505)	Granted	3/29/2005	11/091,963	6/6/2006	7,055,190

Hill-Rom Services, Inc	Transferable Patient Care Equipment Support (From PROV, N1 14817)	Granted	4/8/2005	11/102,398	9/11/2012	8,262,036
Hill-Rom Services, Inc	Lack of Patient Movement Monitor and Method (From Prov 15361)	Granted	5/2/2005	11/119,635	7/7/2009	7,557,718
Hill-Rom Services, Inc	Patient Support Having Real Time Pressure Control (from PROV)	Granted	5/2/2005	11/119,991	2/8/2011	7,883,478
Hill-Rom Services, Inc	Mattress with Heel Pressure Relief Portion (From PROV)	Granted	6/2/2005	11/143,004	3/30/2010	7,685,664
Hill-Rom Services, Inc	Configurable System for Alerting Caregivers (from PROV)	Granted	7/27/2005	11/189,781	1/15/2008	7,319,386
Hill-Rom Services, Inc	Advanced Articulation System and Mattress Support for a Bed (From PROV)	Granted	7/29/2005	11/192,698	2/5/2008	7,325,265

Hill-Rom Services, Inc	Patient Support Having Powered Adjustable Width (From PROV)	Granted	7/29/2005	11/192,887	8/5/2008	7,406,729
Hill-Rom Services, Inc	Bed Having a Chair Egress Position (from Prov 14717)	Granted	7/29/2005	11/192,897	12/2/2008	7,458,119
Hill-Rom Services, Inc	Patient Support Having an Adjustable Popliteal Length Apparatus, System and Method (from PROV 14614)	Granted	8/1/2005	11/194,347	4/16/2013	8,418,291
Hill-Rom Services, Inc	Apparatus with Patient Adjustment Device Coupled to Architectural System (from prov.)	Granted	8/23/2005	11/209,867	6/1/2010	7,725,964
Hill-Rom Services, Inc	Wireless Control System For A Patient-Support Apparatus (from PROV)	Granted	8/31/2005	11/216,296	2/28/2012	8,125,318

Hill-Rom Services, Inc	Bed Having a Patient Position Monitoring System (From Prov 15043)	Granted	9/7/2005	11/221,217	12/16/2008	7,464,605
Hill-Rom Services, Inc	Storable Foot Section for a Bed (From PROV)	Granted	9/21/2005	11/231,591	3/30/2010	7,685,659
Hill-Rom Services, Inc	Method and Apparatus for Improving Air Flow Under a Patient (FROM PROV)	Granted	10/5/2005	11/243,664	12/30/2008	7,469,432
Hill-Rom Services, Inc	Siderail Spring Dampener (from PROV)	Granted	10/6/2005	11/244,939	7/27/2010	7,761,939
Hill-Rom Services, Inc	Quick Connector for Multi-Media (From PROV)	Granted	12/13/2005	11/300,667	1/19/2010	7,648,392
Hill-Rom Services, Inc	Wireless Control System For A Patient Support Apparatus (From PROV)	Granted	12/21/2005	11/313,355	4/29/2014	8,710,950
Hill-Rom Services, Inc	Docking Station for Patient Support (DIV 12966)	Granted	12/27/2005	11/318,689	7/17/2007	7,243,386
Hill-Rom Services, Inc	Pressure Relief Surface (CON 15295)	Granted	1/3/2006	11/324,447	12/30/2008	7,469,436

Hill-Rom Services, Inc	Patient Support (CON of 16719)	Granted	1/3/2006	11/324,520	4/20/2010	7,698,765
Hill-Rom Services, Inc	Patient Support Surface	Granted	1/4/2006	11/325,656	11/20/2007	7,296,314
Hill-Rom Services, Inc	System and Method for Managing Workflow (From PROV)	Granted	1/5/2006	11/325,776	10/28/2008	7,443,303
Hill-Rom Services, Inc	Information Management System For Bed Data (CON)	Granted	1/11/2006	11/330,021	1/1/2008	7,315,535
Hill-Rom Services, Inc	Hygiene Monitoring System (CON 15120)	Granted	1/25/2006	11/339,378	8/5/2008	7,408,470
Hill-Rom Services, Inc	Brake/Steer Mechanism For Patient Support Apparatus (CON 13960)	Granted	1/30/2006	11/342,449	3/25/2008	7,346,942
Hill-Rom Services, Inc	Patient Helper Apparatus (From PROV)	Granted	2/7/2006	11/349,393	5/26/2009	7,536,738
Hill-Rom Services, Inc	Siderail for a Hospital Bed (From PROV 15238)	Granted	3/6/2006	11/368,791	10/5/2010	7,805,782
Hill-Rom Services, Inc	Improved Mattress (From PCT 39182)	Granted	3/28/2006	11/909,783	2/15/2011	7,886,386

Hill-Rom Services, Inc	Hospital Bed Including Moveable Foot Portion (CIP of 13566)	Granted	3/30/2006	11/393,631	4/21/2009	7,520,006
Hill-Rom Services, Inc	Mattress Assembly including Adjustable Length Foot (CON of 13566)	Granted	3/30/2006	11/393,645	3/2/2010	7,669,263
Hill-Rom Services, Inc	Control for Pressurized Bladder in a Patient Support Apparatus (from PCT.)	Granted	6/12/2006	11/916,766	1/3/2012	8,090,478
Hill-Rom Services, Inc	Remote Access To Healthcare Device Diagnostic Information (From PROV)	Granted	6/27/2006	11/426,709	2/21/2012	8,121,856
Hill-Rom Services, Inc	Control unit for patient support (From PCT)	Granted	7/7/2006	11/994,478	2/21/2012	8,117,701
Hill-Rom Services, Inc	Pressure Control for a Hospital Bed (From PCT)	Granted	7/7/2006	11/994,477	9/30/2014	8,844,079
Hill-Rom Services, Inc	Patient Support (From PCT)	Granted	7/7/2006	11/994,777	7/18/2017	9,707,141

Hill-Rom Services, Inc	System and Method for Controlling an Air Mattress (from PCT N2 17900)	Granted	7/25/2006	11/996,696	6/10/2014	8,745,788
Hill-Rom Services, Inc	Apparatus and Method for Mounting Hospital Bed Accessories (CON 15791)	Granted	8/28/2006	11/511,007	11/13/2007	7,293,305
Hill-Rom Services, Inc	Hospital Bed (Reissue of 15297)	Granted	8/30/2006	11/513,424	2/21/2012	RE43,193
Hill-Rom Services, Inc	Birthing Bed Calf Support (from PROV)	Granted	11/15/2006	11/560,314	2/9/2010	7,657,953
Hill-Rom Services, Inc	Stowing Birthing Bed Foot Section (from prov)	Granted	11/15/2006	11/560,335	3/2/2010	7,669,259
Hill-Rom Services, Inc	Birthing Bed Foot Support Release Handle (from PROV)	Granted	11/15/2006	11/560,330	3/16/2010	7,676,868
Hill-Rom Services, Inc	Hospital Bed Caster Control System (from PROV)	Granted	11/15/2006	11/560,337	4/20/2010	7,698,760
Hill-Rom Services, Inc	Stowing Birthing Bed Foot Section (from prov)	Granted	11/15/2006	11/560,346	7/20/2010	7,757,317



Hill-Rom Services, Inc	Hospital Bed Having Head Angle Alarm (from prov)	Granted	1/1/27/2006	1/1/563,269	2/10/2009	7,487,562
Hill-Rom Services, Inc	Patient Support Having an Extendable Foot Section (From PROV)	Granted	12/18/2006	1/1/612,070	1/31/2012	8,104,122
Hill-Rom Services, Inc	Patient Support with Mobile IV Stand Transport Handle (from PROV.)	Granted	1/11/2007	1/1/622,077	12/29/2009	7,637,464
Hill-Rom Services, Inc	Patient Support Apparatus Having Auto Contour (from PROV)	Granted	1/11/2007	1/1/622,069	12/6/2011	8,069,513
Hill-Rom Services, Inc	Pressure Reduction Healthcare Mattress System (From PCT 39174)	Granted	1/31/2007	12/162,346	6/12/2012	8,196,241
Hill-Rom Services, Inc	Wireless Bed Connectivity (From PROV)	Granted	2/7/2007	1/1/672,367	12/14/2010	7,852,208

Hill-Rom Services, Inc	Transferable Patient Care Equipment Support (Merged and filed with N1-18604 & N1-18316)	Granted	3/9/2007	11/684,340	1/31/2012	8,104,729
Hill-Rom Services, Inc	Patient Removal System (CON)	Granted	4/13/2007	11/735,141	7/14/2009	7,559,103
Hill-Rom Services, Inc	Patient Care Equipment Management System (CON 17801)	Granted	4/19/2007	11/737,298	6/15/2010	7,735,788
Hill-Rom Services, Inc	Patient Care Equipment Support Transfer System	Granted	4/26/2007	11/740,572	1/11/2011	7,865,983
Hill-Rom Services, Inc	Pulmonary Mattress (from PROV)	Granted	5/8/2007	11/745,694	7/12/2011	7,975,335
Hill-Rom Services, Inc	Article Locating and Tracking Apparatus and Method (DITV)	Granted	6/28/2007	11/770,178	11/11/2008	7,450,024
Hill-Rom Services, Inc	Mattress With Automatic Width Adjustment (CON 16111)	Granted	7/9/2007	11/774,847	4/29/2008	7,363,663

Hill-Rom Services, Inc	Bed With Automatically Identifiable Mattress Type (CON 16111)	Granted	7/9/2007	11/774,874	12/9/2008	7,461,425
Hill-Rom Services, Inc	Support Surface with Inflatable Width Adjustment Portion (CON 16111)	Granted	7/9/2007	11/775,083	7/28/2009	7,565,710
Hill-Rom Services, Inc	Electrical Connector Assembly Suitable For A Bed Footboard (CON 16340)	Granted	7/9/2007	11/774,744	7/26/2011	7,986,242
Hill-Rom Services, Inc	Patient Support (From PROV)	Granted	7/23/2007	11/781,309	2/9/2010	7,657,956
Hill-Rom Services, Inc	Load Cell Based Hospital Bed Control (Cont.)	Granted	8/3/2007	11/833,311	10/21/2008	7,437,787
Hill-Rom Services, Inc	Patient Support Apparatus Having A Brake/Steer Mechanism With A Foot Pedal Gear Reducer (Cont.)	Granted	8/13/2007	11/837,726	1/27/2009	7,480,948
Hill-Rom Services, Inc	Association of Support Surfaces And Beds	Granted	8/29/2007	11/846,906	1/11/2011	7,868,740

Hill-Rom Services, Inc	Mattress for a Hospital Bed For Use In A Healthcare Facility And Management Of Same	Granted	8/29/2007	11/846,889	6/11/2013	8,461,968
Hill-Rom Services, Inc	Obstruction Detection Apparatus For A Bed (CON 15959)	Granted	9/7/2007	11/851,535	11/16/2010	7,834,768
Hill-Rom Services, Inc	Headboard/footboard for an adjustable bed	Granted	9/10/2007	29/284,531	9/1/2009	D599,144
Hill-Rom Services, Inc	Patient Support Apparatus Having Controller Area Network (cont. N1-13566)	Granted	9/28/2007	11/864,442	3/24/2009	7,506,390
Hill-Rom Services, Inc	Patient Support Apparatus Having a Diagnostic System (CON)	Granted	9/28/2007	11/864,522	4/27/2010	7,703,158
Hill-Rom Services, Inc	User Interface And Control System For Powered Transport Device Of A Patient Support Apparatus (from PROV)	Granted	10/2/2007	11/865,763	2/8/2011	7,882,582

Hill-Rom Services, Inc	Air Control System for Therapeutic Support Surfaces	Granted	10/9/2007	11/869,291	7/5/2011	7,971,300
Hill-Rom Services, Inc	Bed Management (from PROV)	Granted	10/9/2007	11/869,069	10/2/2012	8,280,748
Hill-Rom Services, Inc	Handrail means of bed frame	Granted	11/7/2007	11/979,663	12/23/2008	7,467,427
Hill-Rom Services, Inc	Lift system for a patient-support apparatus	Granted	12/19/2007	11/960,254	2/2/2010	7,653,954
Hill-Rom Services, Inc	Healthcare Computer System With Intra-Room Network (CON)	Granted	12/19/2007	11/959,660	5/11/2010	7,715,387
Hill-Rom Services, Inc	Frame for a patient-support apparatus	Granted	12/19/2007	11/960,303	12/14/2010	7,849,539
Hill-Rom Services, Inc	User Interface for Hospital Bed (from PROV)	Granted	12/19/2007	11/960,287	11/5/2013	8,572,778
Hill-Rom Services, Inc	Configurable System for Alerting Caregivers (CON)	Granted	12/20/2007	11/960,768	6/29/2010	7,746,218
Hill-Rom Services, Inc	Advanced Articulation System and Mattress Support for a Bed (CON)	Granted	12/21/2007	11/962,682	8/19/2014	8,806,682

Hill-Rom Services, Inc	Push Handle With Rotatable User Interface	Granted	1/29/2008	12/021,346	2/15/2011	7,886,377
Hill-Rom Services, Inc	Pulmonary therapy apparatus	Granted	2/28/2008	12/038,840	4/26/2011	7,931,607
Hill-Rom Services, Inc	Patient Support Including Turn Assist, Low Air Loss, Or Integrated Lateral Transfer (from PROV)	Granted	3/3/2008	12/041,075	5/11/2010	7,712,171
Hill-Rom Services, Inc	Lift system for hospital bed	Granted	5/2/2008	12/114,293	5/19/2009	7,533,429
Hill-Rom Services, Inc	Pulmonary Mattress (from PROV)	Granted	5/19/2008	12/122,808	2/7/2012	8,108,957
Hill-Rom Services, Inc	Hospital Bed Having Wireless Data Capability (CON)	Granted	5/28/2008	12/128,390	9/25/2012	8,272,892
Hill-Rom Services, Inc	Lift system for hospital bed	Granted	6/12/2008	12/137,619	11/3/2009	7,610,637
Hill-Rom Services, Inc	Patient Support Having Powered Adjustable Width (DIV)	Granted	8/1/2008	12/184,661	6/8/2010	7,730,562
Hill-Rom Services, Inc	System and Method for Reporting Status of a Bed	Granted	9/19/2008	12/233,982	11/26/2013	8,593,284

Hill-Rom Services, Inc	System and Method for Collection and Communication of Data from Multiple Patient Care Devices (From PROV)	Granted	10/23/2008	12/256,637	12/20/2011	8,082,160
Hill-Rom Services, Inc	System and Method for Managing Workflow (CON N1-17491)	Granted	10/27/2008	12/258,654	9/14/2010	7,796,045
Hill-Rom Services, Inc	Mattress Seat Force Sensing Method (CON)	Granted	11/26/2008	12/323,982	5/11/2010	7,714,238
Hill-Rom Services, Inc	Boost Feature For A Bed	Granted	11/26/2008	12/324,497	11/19/2013	8,584,282
Hill-Rom Services, Inc	Hospital Bed (from N1 16130)	Granted	12/3/2008	12/327,381	12/7/2010	7,845,032
Hill-Rom Services, Inc	Method and Apparatus for Improving Air Flow Under a Patient (CON 17332)	Granted	12/23/2008	12/342,181	5/11/2010	7,712,164
Hill-Rom Services, Inc	Pressure Relief Surface (CON 18055)	Granted	12/24/2008	12/343,613	5/10/2011	7,937,791
Hill-Rom Services, Inc	Hospital Bed Obstacle Detection Device and Method (CON 16394)	Granted	12/31/2008	12/347,124	9/4/2012	8,258,944

Hill-Rom Services, Inc	Method and Apparatus for Piezoelectric Sensor Status Assessment	Granted	1/16/2009	12/355,240	7/10/2012	8,217,667
Hill-Rom Services, Inc	Hospital Bed Control Apparatus (CON 16270)	Granted	2/9/2009	12/367,877	11/1/2011	8,048,005
Hill-Rom Services, Inc	Distributed Fault Tolerant Architecture for a Healthcare Communication System (FROM PROV)	Granted	2/12/2009	12/369,818	10/25/2011	8,046,625
Hill-Rom Services, Inc	User Station for Healthcare Communication System (from PROV)	Granted	2/12/2009	12/369,832	5/1/2012	8,169,304
Hill-Rom Services, Inc	Indicator Apparatus for Healthcare Communication System (from PROV)	Granted	2/12/2009	12/369,779	2/26/2013	8,384,526
Hill-Rom Services, Inc	Distributed Healthcare Communication System (from PROV)	Granted	2/12/2009	12/369,813	12/3/2013	8,598,995



Hill-Rom Services, Inc	Height Adjustable Bed with a Lift Chain Assembly and Components Thereof	Granted	3/4/2009	12/397,511	12/13/2011	8,074,309
Hill-Rom Services, Inc	Siderail and Control Unit Therefor (From PROV NI-19978)	Granted	3/11/2009	12/402,013	1/31/2012	8,104,117
Hill-Rom Services, Inc	Siderail Assembly For A Patient-Support Apparatus (from prov)	Granted	3/13/2009	12/403,724	8/14/2012	8,239,986
Hill-Rom Services, Inc	Siderail Gap Filler (FROM PROV 19989)	Granted	3/13/2009	12/403,645	10/30/2012	8,296,884
Hill-Rom Services, Inc	Transfer Assist Apparatus	Granted	4/30/2009	12/433,268	7/4/2017	9,693,915
Hill-Rom Services, Inc	<del>Overbed Table for Use with Patient Support (CON 19526)</del>	<del>Expired</del>	<del>5/28/2009</del>	<del>12/473,309</del>	<del>12/27/2011</del>	<del>8,082,857</del>
Hill-Rom Services, Inc	Hospital Bed (Related to N1-17708)	Granted	6/3/2009	12/477,658	7/24/2012	RE43,532
Hill-Rom Services, Inc	Item Support Apparatus and Systems for Bedside (From PROV 20300)	Granted	6/12/2009	12/483,568	1/24/2012	8,100,061

Hill-Rom Services, Inc	Support Surface with Inflatable Core Zones (CON 19103)	Granted	6/17/2009	12/486,181	11/16/2010	7,832,039
Hill-Rom Services, Inc	Localized Microclimate Management	Granted	6/29/2009	12/493,456	12/11/2012	8,327,477
Hill-Rom Services, Inc	Transition Assist Siderail and Article Employing the Same (CON of 20880)	Granted	8/4/2009	12/534,889	7/7/2015	9,072,638
Hill-Rom Services, Inc	Side Rail for a Bed	Granted	8/4/2009	29/341,329	6/1/2010	D616,678
Hill-Rom Services, Inc	Side Rail for a Bed	Granted	8/4/2009	29/341,333	6/1/2010	D616,679
Hill-Rom Services, Inc	Side Rail for a Bed	Granted	8/4/2009	29/341,330	6/15/2010	D617,586
Hill-Rom Services, Inc	Side Rail for a Bed	Granted	8/4/2009	29/341,345	6/15/2010	D617,587
Hill-Rom Services, Inc	Side Rail for a Bed	Granted	8/4/2009	29/341,347	6/15/2010	D617,588
Hill-Rom Services, Inc	Side Rail for a Bed	Granted	8/4/2009	29/341,349	6/15/2010	D617,589
Hill-Rom Services, Inc	Side Rail for a Bed	Granted	8/4/2009	29/341,327	12/7/2010	D628,416
Hill-Rom Services, Inc	Side rail for a bed	Granted	8/4/2009	29/341,324	5/3/2011	D637,018
Hill-Rom Services, Inc	Side rail for a bed	Granted	8/4/2009	29/341,326	5/3/2011	D637,019

Hill-Rom Services, Inc	Patient-Support Apparatus with Movable Top (From PROV 17554)	Granted	8/5/2009	12/535,742	5/15/2012	8,176,584
Hill-Rom Services, Inc	Patient Health Based Support Apparatus Configuration	Granted	8/7/2009	12/537,839	5/7/2013	8,437,876
Hill-Rom Services, Inc	Fluidized bed	Granted	8/19/2009	12/543,531	7/12/2011	7,975,337
Hill-Rom Services, Inc	Siderail with Storage Area (From PROV 20880)	Granted	8/25/2009	12/546,756	2/16/2016	9,259,371
Hill-Rom Services, Inc	Medical Line Manager (From PROV 20880)	Granted	8/25/2009	12/547,054	11/8/2016	9,486,374
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	9/15/2009	12/559,743	10/18/2011	8,039,766

Hill-Rom Services, Inc	Apparatuses For Supporting And Monitoring A Person (From PROV 20837)	Granted	10/20/2009	12/581,951	10/9/2012	8,281,433
Hill-Rom Services, Inc	Anthropometrically Governed Occupant Support (From PROV 19512)	Granted	11/13/2009	12/618,256	10/15/2013	8,555,438
Hill-Rom Services, Inc	Method And Apparatus For Sensing Foot Retraction In A Mattress Replacement System	Granted	11/18/2009	12/621,019	3/25/2014	8,677,536
Hill-Rom Services, Inc	Constant Low-Flow Air Source Control System and Method	Granted	11/19/2009	12/622,283	9/4/2012	8,260,475
Hill-Rom Services, Inc	System for Compression Therapy (CON 17297)	Granted	11/30/2009	12/627,011	12/29/2015	9,220,655
Hill-Rom Services, Inc	Hospital Bed With Network Interface Unit (CON 19581)	Granted	12/4/2009	12/631,135	2/21/2012	8,120,471
Hill-Rom Services, Inc	Patient Support (CON of 18052)	Granted	12/22/2009	12/644,178	4/3/2012	8,146,191

Hill-Rom Services, Inc	Modular fluidizable occupant support and compact fluidizable modules	Granted	1/27/2010	12/694,543	3/19/2019	10,231,891
Hill-Rom Services, Inc	Sound conditioning system	Granted	1/29/2010	12/696,291	2/21/2012	8,117,699
Hill-Rom Services, Inc	Combined Siderail and Over-Bed Table	Granted	2/5/2010	12/701,042	11/15/2016	9,492,340
Hill-Rom Services, Inc	Patient Support With Orientation Sensitive Air Bladder Control (DIV of 18935)	Granted	2/8/2010	12/701,655	9/16/2014	8,832,884
Hill-Rom Services, Inc	Method and Apparatus for Relieving Shear Induced By and Occupant Support	Granted	2/12/2010	12/704,600	2/5/2013	8,365,330
Hill-Rom Services, Inc	Height Adjustable Bed With A Push Chain Assembly	Granted	2/18/2010	12/708,178	1/31/2012	8,104,120
Hill-Rom Services, Inc	Patient-Support Apparatus with a Locking Deck Section (CON of 17682)	Granted	2/18/2010	12/708,344	2/21/2012	8,117,697

Hill-Rom Services, Inc	Patient Room And Bed Management Apparatus And System (Combined with N1-22324)	Granted	2/19/2010	12/708,891	12/18/2012	8,334,777
Hill-Rom Services, Inc	Hospital Bed Computer System (CON 18304)	Granted	2/23/2010	12/710,407	3/22/2011	7,911,349
Hill-Rom Services, Inc	Nurse Call System With Additional Status Board (CIP of 22325)	Granted	2/24/2010	12/711,850	7/15/2014	8,779,924
Hill-Rom Services, Inc	Hospital Bed Having Multiple Touchscreen Displays	Granted	2/26/2010	12/714,013	11/20/2012	8,314,781
Hill-Rom Services, Inc	Multifunctional Display for Hospital Bed	Granted	3/2/2010	12/715,798	2/18/2014	8,650,682
Hill-Rom Services, Inc	Over-Molded Limb Support (Cont of 17681)	Granted	3/12/2010	12/723,099	12/20/2011	8,079,101
Hill-Rom Services, Inc	Siderail Assembly	Granted	3/15/2010	12/724,000	5/15/2012	8,176,583
Hill-Rom Services, Inc	Storable Foot Section for a Bed (CONT of 17302)	Granted	3/16/2010	12/725,034	1/24/2012	8,099,807

Hill-Rom Services, Inc	Presence Detector and Occupant Support Employing the Same	Granted	3/31/2010	12/751,258	1/8/2013	8,350,709
Hill-Rom Services, Inc	Side Rail For A Bed (DIV of 21931)	Granted	3/31/2010	29/358,751	7/5/2011	D640,887
Hill-Rom Services, Inc	Healthcare Computer System (DIV of 19528)	Granted	4/9/2010	12/757,072	11/9/2010	7,831,447
Hill-Rom Services, Inc	Siderail Accessory Charging System	Granted	4/9/2010	12/757,272	3/27/2012	8,143,846
Hill-Rom Services, Inc	Siderail Power Communication Interface	Granted	4/9/2010	12/757,233	6/28/2016	9,375,374
Hill-Rom Services, Inc	Side Rail for a Bed (DIV of 21934)	Granted	4/15/2010	29/359,807	5/3/2011	D637,020
Hill-Rom Services, Inc	Matress and Matress Replacement System With and Intrinsic Contour Feature	Granted	5/26/2010	12/787,591	4/3/2012	8,146,187

Hill-Rom Services, Inc	Apparatus with Patient Adjustment Device Coupled to Architectural System (DIV of 17099)	Granted	5/28/2010	12/789,990	8/9/2011	7,992,237
Hill-Rom Services, Inc	Line management device for a hospital bed (CON OF 17840)	Granted	6/30/2010	12/826,886	2/12/2013	8,370,977
Hill-Rom Services, Inc	Systems for Patient Support, Monitoring and Treatment (From Prov 21849)	Granted	7/6/2010	12/830,497	6/17/2014	8,752,220
Hill-Rom Services, Inc	Bed Structure with a Deck Section Motion Converter	Granted	7/9/2010	12/833,321	8/27/2013	8,516,634
Hill-Rom Services, Inc	Birthing bed lift off foot section (DIV OF 17703)	Granted	7/12/2010	12/834,681	12/11/2012	8,327,480
Hill-Rom Services, Inc	Method and System for Controlling Evaporative and Heat Withdrawal Performance of an Occupant Support Surface	Granted	7/15/2010	12/836,606	12/29/2015	9,222,685



Hill-Rom Services, Inc	Gas Supply System	Granted	7/21/2010	12/840,609	9/30/2014	8,845,562
Hill-Rom Services, Inc	Apparatus For Controlling Room Lighting In Response To Bed Exit	Granted	7/30/2010	12/847,160	4/30/2013	8,432,287
Hill-Rom Services, Inc	Above Bed Sensor	Granted	7/30/2010	12/847,337	12/31/2013	8,620,625
Hill-Rom Services, Inc	Bed Movement Cessation based on IV Pump Alarm (includes subject matter of N1 34279)	Granted	8/10/2010	12/853,403	9/18/2012	8,266,741
Hill-Rom Services, Inc	Siderail Mechanism	Granted	8/30/2010	12/871,371	3/5/2013	8,387,179
Hill-Rom Services, Inc	Patient-Support Apparatus With A Configurable Siderail	Granted	8/30/2010	12/871,014	8/11/2015	9,101,517
Hill-Rom Services, Inc	Side Rail with Two Position Storage Feature	Granted	9/7/2010	12/876,588	7/16/2013	8,484,778
Hill-Rom Services, Inc	Occupant Protective Features for the Foot Region of a Bed	Granted	9/8/2010	12/877,597	3/17/2015	8,978,182

Hill-Rom Services, Inc	Powered Transport System and Control Methods (From 20815)	Granted	9/9/2010	12/878,057	6/24/2014	8,757,308
Hill-Rom Services, Inc	Height Adjustable Bed Framework with a Lift Chain and a Planetary Gear Train	Granted	9/10/2010	12/879,699	8/22/2017	9,737,149
Hill-Rom Services, Inc	Sensor control for apparatuses for supporting and monitoring a person (From PROV 21454) (combined with N1 21451)	Granted	9/14/2010	12/881,252	9/3/2013	8,525,679
Hill-Rom Services, Inc	Apparatuses for supporting and monitoring a condition of a person (From PROV 22077) (combined and filed with N1 33952 and N1 22453)	Granted	9/14/2010	12/881,285	9/3/2013	8,525,680
Hill-Rom Services, Inc	Patient Support Surface Index Control (From PROV 22024)	Granted	9/14/2010	12/881,249	9/10/2013	8,531,307

Hill-Rom Services, Inc	Stretcher Foot Pedal Arrangement (From 17839) DIV	Granted	9/16/2010	12/883,234	9/13/2011	8,016,301
Hill-Rom Services, Inc	Bed Frame, Mattress and Bed with Enhanced Chair Egress Capability	Granted	9/24/2010	12/890,024	10/6/2015	9,149,403
Hill-Rom Services, Inc	Hospital Bed With Chair Lockout (Combined with N1-22958)	Granted	9/28/2010	12/891,909	7/2/2013	8,474,072
Hill-Rom Services, Inc	Upper Body Support Mechanism	Granted	9/29/2010	12/892,977	5/27/2014	8,732,876
Hill-Rom Services, Inc	Siderail Latching Mechanism	Granted	9/29/2010	12/892,967	10/7/2014	8,850,639
Hill-Rom Services, Inc	Patient Support Apparatus with Storable Egress Handles	Granted	10/8/2010	12/900,607	3/25/2014	8,677,535
Hill-Rom Services, Inc	Footboard with Partial Mattress Integration	Granted	10/22/2010	12/910,353	9/30/2014	8,844,075
Hill-Rom Services, Inc	Bed Exit Lighting (From PROV 20122)	Granted	10/26/2010	12/912,320	4/2/2013	8,410,943
Hill-Rom Services, Inc	Egress Assist Footboard	Granted	10/29/2010	12/915,425	2/26/2013	8,381,337

Hill-Rom Services, Inc	Siderail Assembly For Patient Support Apparatus	Granted	11/3/2010	12/938,744	4/9/2013	8,413,270
Hill-Rom Services, Inc	Patient Support Apparatus with Movable Siderail Assembly	Granted	11/3/2010	12/938,804	6/4/2013	8,453,283
Hill-Rom Services, Inc	Siderail Assembly For Patient Support Apparatus (combined with N1 22716)	Granted	11/10/2010	12/943,094	5/6/2014	8,713,727
Hill-Rom Services, Inc	Siderail Assembly For Patient Support Apparatus	Granted	11/10/2010	12/943,482	6/10/2014	8,745,786
Hill-Rom Services, Inc	Adjustable Width Mattress with Relief Portions (CON 21128)	Granted	11/15/2010	12/946,516	2/28/2012	8,122,546
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	11/22/2010	12/951,158	4/9/2013	8,413,273

Hill-Rom Services, Inc	Hospital Bed Seat Section Articulation for Chair Egress (combined with N1 22979)	Granted	11/22/2010	12/951,169	2/4/2014	8,640,285
Hill-Rom Services, Inc	Removable integrated board and partial foot section	Granted	12/1/2010	12/957,491	1/15/2013	8,353,071
Hill-Rom Services, Inc	Patient Support Apparatuses With Exercise Functionalities (from PROV 34150)	Granted	12/2/2010	12/959,251	10/14/2014	8,858,409
Hill-Rom Services, Inc	Wireless Bed Connectivity (CON of 18300)	Granted	12/3/2010	12/959,486	10/9/2012	8,284,047
Hill-Rom Services, Inc	Biometric Bed Configuration	Granted	12/6/2010	12/961,064	9/18/2012	8,266,742
Hill-Rom Services, Inc	Retractable Foot Caster Supports (combined with N1 22993 and N1 22947)	Granted	12/6/2010	12/960,960	1/1/2013	8,341,779
Hill-Rom Services, Inc	Association of Support Surfaces And Beds (CON of 15954)	Granted	12/7/2010	12/961,608	10/4/2011	8,031,057

Hill-Rom Services, Inc	Patient Support Apparatus with Motorized Traction Control (DIV of 17263)	Granted	12/7/2010	12/961,768	11/15/2011	8,056,162
Hill-Rom Services, Inc	Mattress Bladder Boosting During Chair Egress (includes N1-22969)	Granted	12/8/2010	12/963,015	3/26/2019	10,238,566
Hill-Rom Services, Inc	Bed Frame Assembly with a Lift System having a Translatable Carriage (From PROV 22549)	Granted	12/14/2010	12/967,440	12/17/2013	8,607,384
Hill-Rom Services, Inc	Ground Sensor Control of Foot Section Retraction	Granted	12/20/2010	12/973,069	2/24/2015	8,959,681
Hill-Rom Services, Inc	Cooling System for an Occupant of an Occupant Support and a Cooling Garment	Granted	1/5/2011	12/984,976	7/3/2018	10,010,446
Hill-Rom Services, Inc	Hospital Bed Frame (CON of N1-20321)	Granted	1/26/2011	13/014,140	4/10/2012	8,151,387

Hill-Rom Services, Inc	Bed Exit Alert Silence with Automatic Re-Enable (CIP of 22426)	Granted	1/31/2011	13/017,267	5/6/2014	8,717,181
Hill-Rom Services, Inc	Bed With Mobile Lift Docking	Granted	2/3/2011	13/020,202	12/25/2012	8,336,134
Hill-Rom Services, Inc	Adjustable Foot Section For A Patient Support Apparatus (includes N1 23007)	Granted	2/4/2011	13/021,370	7/2/2013	8,474,076
Hill-Rom Services, Inc	Wheel systems for a hospital bed	Granted	2/7/2011	13/021,823	2/28/2012	8,122,535
Hill-Rom Services, Inc	Transferable Patient Care Equipment Support (DIV of 17504)	Granted	2/7/2011	13/021,803	9/4/2012	8,258,973
Hill-Rom Services, Inc	Variable Height Siderail (From PROV 22718)	Granted	2/8/2011	13/023,133	4/25/2017	9,629,768
Hill-Rom Services, Inc	User Interface for Power Drive System of a Patient Support Apparatus (CON of 18960)	Granted	2/10/2011	13/024,617	7/2/2013	8,474,073
Hill-Rom Services, Inc	Hospital Bed Lift and Braking Mechanisms (CON of 17052)	Granted	2/15/2011	13/027,309	1/7/2014	8,621,690

Hill-Rom Services, Inc	Occupant Support and Method for Positioning an Occupant on the Occupant Support	Granted	3/3/2011	13/039,409	7/18/2017	9,707,142
Hill-Rom Services, Inc	Caregiver Assist Device (from Prov. N1 22466, N1 22527, N1 22736)	Granted	3/8/2011	13/042,502	12/17/2013	8,607,378
Hill-Rom Services, Inc	Chair with movable arms and tables sections	Granted	3/14/2011	13/046,812	4/16/2013	8,419,124
Hill-Rom Services, Inc	Hospital bed computer system with pharmacy interaction (CON of 22477)	Granted	3/16/2011	13/049,393	2/5/2013	8,368,545
Hill-Rom Services, Inc	Pendant Assembly with Removable Tether	Granted	3/17/2011	13/050,141	8/6/2013	8,499,384



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	4/7/2011	13/081,587	12/31/2013	8,618,918
Hill-Rom Services, Inc	Temperature and Moisture Regulating Topper for Non-Powered Person-Support Surfaces (CIP of 21418)	Granted	5/3/2011	13/099,543	10/14/2014	8,856,993
Hill-Rom Services, Inc	Pressure Relief Surface (CON of 20982)	Granted	5/9/2011	13/103,360	6/12/2012	8,196,240
Hill-Rom Services, Inc	Combined Power and Data Cord and Receptacle (CON of 20193)	Granted	5/11/2011	13/105,443	5/20/2014	8,727,804
Hill-Rom Services, Inc	Patient support apparatus with drive wheel speed control (CON of 19470)	Granted	5/31/2011	13/118,811	9/4/2012	8,260,517

Hill-Rom Services, Inc	Apparatus for supporting and monitoring a person (From PROV 22441)	Granted	6/6/2011	13/153,592	9/30/2014	8,844,073
Hill-Rom Services, Inc	Auto Contour Handle Apparatus (CON of 17724)	Granted	6/7/2011	13/154,697	3/5/2013	8,387,184
Hill-Rom Services, Inc	Pulmonary Mattress (CON of 18757)	Granted	7/8/2011	13/178,852	7/2/2013	8,474,074
Hill-Rom Services, Inc	Moisture Detection System	Granted	7/19/2011	13/185,751	9/9/2014	8,826,473
Hill-Rom Services, Inc	Siderail handle (From PROV)	Granted	7/29/2011	13/194,278	4/8/2014	8,689,372
Hill-Rom Services, Inc	Apparatus with Patient Adjustment Device Coupled to Architectural System (DIV of 22688)	Granted	8/9/2011	13/206,065	8/28/2012	8,250,686
Hill-Rom Services, Inc	Laterally Rotating Patient Support Apparatus (CON of 20479)	Granted	8/9/2011	13/206,475	6/11/2013	8,458,833

Hill-Rom Services, Inc	Distributed fault tolerant architecture for a healthcare communication system (CON of 21006)	Granted	9/23/2011	13/241,461	3/5/2013	8,392,747
Hill-Rom Services, Inc	Pulmonary Mattress (CON of 20091)	Granted	9/23/2011	13/243,483	11/19/2013	8,584,279
Hill-Rom Services, Inc	Association of Support Surfaces And Beds (CON of 34157)	Granted	9/23/2011	13/242,255	12/10/2013	8,604,916
Hill-Rom Services, Inc	Automatic Patient Weight Measurement for Determining Pressure Relief Set Points	Granted	9/23/2011	13/242,048	4/21/2015	9,009,891
Hill-Rom Services, Inc	System for bed and patient mobility device interoperability	Granted	9/23/2011	13/242,312	9/22/2015	9,138,173
Hill-Rom Services, Inc	Method and system for patient care management	Granted	9/26/2011	13/245,378	10/6/2015	9,152,768

Hill-Rom Services, Inc	Hospital Bed With Graphical User Interface Having Advanced Functionality (from PROV)	Granted	9/30/2011	13,249,336	11/15/2016	9,492,341
Hill-Rom Services, Inc	Core Instability System	Granted	10/25/2011	13,280,622	4/22/2014	8,701,230
Hill-Rom Services, Inc	Therapy Enabler System	Granted	10/26/2011	13,281,474	4/29/2014	8,707,483
Hill-Rom Services, Inc	Hospital Bed Control Apparatus (DIV of 21071)	Granted	10/26/2011	13,281,988	9/9/2014	8,827,931
Hill-Rom Services, Inc	Chair	Granted	11/1/2011	13,286,528	4/9/2013	8,414,074
Hill-Rom Services, Inc	System and Method For Collection and Communication of Data From Multiple Patient Care Devices (CON of 20670)	Granted	11/23/2011	13,303,624	6/17/2014	8,756,078
Hill-Rom Services, Inc	Patient Monitoring System (From PROV 34120)	Granted	11/29/2011	13,305,884	12/9/2014	8,907,287

Hill-Rom Services, Inc	Optimization of the operation of a patient-support apparatus based on patient response	Granted	12/8/2011	13/314,669	3/10/2015	8,973,186
Hill-Rom Services, Inc	Touch Screen Control of a Hospital Bed (CON of 35173)	Granted	12/20/2011	13/331,148	12/18/2012	8,334,779
Hill-Rom Services, Inc	Bed Siderail Having Hand Hygiene Apparatus (CON of 21535)	Granted	12/20/2011	13/331,359	3/25/2014	8,677,528
Hill-Rom Services, Inc	Patient Support Apparatus Having Alert Light (CON of 19579)	Granted	12/22/2011	13/334,161	6/18/2013	8,464,380
Hill-Rom Services, Inc	Control for Pressurized Bladder in a Patient Support Apparatus (CON of 19493)	Granted	12/22/2011	13/335,373	12/31/2013	8,620,477
Hill-Rom Services, Inc	Wireless bed locating system (CON 22307)	Granted	12/23/2011	13/336,044	4/16/2013	8,421,606

Hill-Rom Services, Inc	Hospital Bed With Nurse Call System Interface Unit (CON 22307)	Granted	1/24/2012	13/356,906	9/17/2013	8,536,990
Hill-Rom Services, Inc	Hospital Bed Having Caster Braking Alarm (DIV of 35082)	Granted	1/31/2012	13/362,780	1/1/2013	8,341,777
Hill-Rom Services, Inc	Patient Helper with Egress Handle (from PROV 35080)	Granted	1/31/2012	13/362,588	6/24/2014	8,756,735
Hill-Rom Services, Inc	Brake Pedal Mechanism for Hospital Bed (from PROV 35078)	Granted	2/8/2012	13/368,467	11/3/2015	9,173,795
Hill-Rom Services, Inc	Topper with Preferential Fluid Flow Distribution (Includes 35625)	Granted	2/14/2012	13/396,224	9/15/2015	9,131,780
Hill-Rom Services, Inc	Patient-Support Apparatus with a Locking Deck Section (CON of 22462)	Granted	2/17/2012	13/399,087	2/4/2014	8,640,287
Hill-Rom Services, Inc	Facial Recognition Based Monitoring Systems and Methods	Granted	3/2/2012	13/410,421	3/29/2016	9,295,390

Hill-Rom Services, Inc	Articlatable Bed with a Translatable and Orientation Adjustable Deck Section and Volumetrically Adjustable Compensatory Element	Granted	3/5/2012	13/412,129	4/21/2015	9,009,895
Hill-Rom Services, Inc	Person Support Apparatus with Activity and Mobility Sensing	Granted	4/10/2012	13/443,131	3/29/2016	9,295,600
Hill-Rom Services, Inc	Occupant Support with a Migration Sensitive Bladder and Method for Migration Detection	Granted	4/10/2012	13/443,234	5/23/2017	9,655,795
Hill-Rom Services, Inc	User Station for Healthcare Communication System (CON of 21001)	Granted	4/11/2012	13/444,516	6/4/2013	8,456,286
Hill-Rom Services, Inc	In-Room Alarm Configuration of Nurse Call System	Granted	5/8/2012	13/466,262	8/9/2016	9,411,934

Hill-Rom Services, Inc	Bed with a Powered Width Expansion Wing	Granted	5/10/2012	13/468,424	4/7/2015	8,997,282
Hill-Rom Services, Inc	Patient Support Apparatus Alert System (CON 35974)	Granted	5/15/2012	13/471,506	1/1/2013	8,344,860
Hill-Rom Services, Inc	Configurable User Interface Systems for Hospital Bed (From Prov 35888)	Granted	7/2/2012	13/540,140	2/14/2017	9,569,591
Hill-Rom Services, Inc	Communication network for a hospital bed (Ex Parte Reexamination of U.S. Patent No. 5771511) (REEX of 06334)	Application	7/20/2012	90/012,399		
Hill-Rom Services, Inc	Patient care bed with network (Inter Partes Reexamination of U.S. Patent 7237287) (REEX of 17538)	Application	7/20/2012	95/002,050		



Hill-Rom Services, Inc	Bed With Networked Alarm (Inter Partes Reexamination of U.S. Patent No. 7,568,246) (REEX of 18822)	Application	7/20/2012	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	7/20/2012	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	7/20/2012	95/002,054		

Hill-Rom Services, Inc	Mattress Assembly Including Adjustable Length Foot Inter Partes Reexamination of U.S. Patent No. 7,669,263 (REEEX of 17111)	Application	7/20/2012	95/002,055		
Hill-Rom Services, Inc	Proxy Caregiver Interface	Granted	7/24/2012	13/556,255	6/2/2015	9,044,361
Hill-Rom Services, Inc	Bed Side Rail Having Cavity for Infusion Unit (CON of 34158)	Granted	8/1/2012	13/564,268	4/16/2013	8,418,287
Hill-Rom Services, Inc	Fluidizable Bed with Lateral Rotation Capability and Method of Operation Therefor (From PROV 36098)	Granted	8/7/2012	13/568,963	9/19/2017	9,763,842
Hill-Rom Services, Inc	Bed Status Indicators (CON of 19266)	Granted	8/23/2012	13/592,440	9/17/2013	8,537,008
Hill-Rom Services, Inc	Method, System and Device for Voice Message Recording and Playback at Point of Care	Granted	8/23/2012	13/592,665	3/29/2016	9,298,881

Hill-Rom Services, Inc	Hospital bed obstacle detection apparatus (CON 20983)	Granted	8/31/2012	13/600,872	8/6/2013	8,502,663
Hill-Rom Services, Inc	Constant Low-Flow Air Source Control System And Method (CON of 21008)	Granted	8/31/2012	13/600,831	4/29/2014	8,712,591
Hill-Rom Services, Inc	Occupant Support and Topper Assembly with Liquid Removal and Microclimate Control Capabilities (From PROV 35886)	Granted	9/7/2012	13/606,417	4/21/2015	9,009,892
Hill-Rom Services, Inc	Hospital Bed Having User Input To Enable And Suspend Remote Monitoring Of Alert Conditions (Cont. of 34152)	Granted	9/28/2012	13/629,708	12/10/2013	8,604,917
Hill-Rom Services, Inc	Bed Frame	Granted	11/5/2012	29/436,400	6/24/2014	D707,480
Hill-Rom Services, Inc	Side Rail	Granted	11/5/2012	29/436,401	6/24/2014	D707,483

Hill-Rom Services, Inc	Hospital Bed Having Near Field Communication Capability (From PROV 35904)	Granted	11/28/2012	13,687,005	10/11/2016	9,466,877
Hill-Rom Services, Inc	Chair having powered leg extension	Granted	12/7/2012	13,708,419	3/4/2014	8,662,595
Hill-Rom Services, Inc	Method and Apparatus for Relieving Shear Induced by an Occupant Support (DIV of 21924)	Granted	1/2/2013	13,732,634	6/24/2014	8,756,732
Hill-Rom Services, Inc	Hygiene Compliance Reporting System (CON 20457)	Granted	1/4/2013	13,734,328	12/3/2013	8,598,996
Hill-Rom Services, Inc	Variable Height Siderail (From PCT 33584)	Granted	1/4/2013	13,733,980	2/11/2014	8,646,131
Hill-Rom Services, Inc	Medical Gas Tank Holder For Patient Support Apparatus (From PCT 35584)	Granted	1/4/2013	13,733,962	5/6/2014	8,713,728

Hill-Rom Services, Inc	Hospital bed computer system for control of patient room environment (CON of 35173)	Granted	1/10/2013	13,738,085	3/18/2014	8,674,839
Hill-Rom Services, Inc	Mattress Topper, Occupant Support Assembly And Occupant Support System With Thermosensitive Vapor Transfer Characteristics (From PROV 36708)	Granted	1/18/2013	13,744,530	3/6/2018	9,907,718
Hill-Rom Services, Inc	Occupant Support With An Extended Functionality Occupant Position Monitoring System (From PROV 36835)	Granted	1/30/2013	13,754,244	9/16/2014	8,836,498
Hill-Rom Services, Inc	Patient support having auto contour (CON of 35395)	Granted	2/19/2013	13,770,266	12/16/2014	8,910,329

Hill-Rom Services, Inc	Patient Position Detection For Patient Support Surface (from PROV 36526)	Granted	2/19/2013	13/769,975	6/7/2016	9,358,168
Hill-Rom Services, Inc	Distributed fault tolerant architecture for a healthcare communication system (CON of 35831)	Granted	2/20/2013	13/771,718	6/24/2014	8,762,766
Hill-Rom Services, Inc	Patient Care System and an Occupant support and Occupant Wearable Item Useable with the System (from PROV 36868)	Granted	2/21/2013	13/772,739	10/27/2020	10,818,163
Hill-Rom Services, Inc	Indicator Apparatus For Healthcare Communication System (CON of 21004)	Granted	2/22/2013	13/774,527	8/12/2014	8,803,668
Hill-Rom Services, Inc	Patient Mobility Surface Assessment System and Method (from PROV 36520)	Granted	3/7/2013	13/788,665	3/5/2019	10,219,725

Hill-Rom Services, Inc	Automatic Weight Offset Calculation For Bed Scale Systems (From PROV 36184)	Granted	3/8/2013	13/789,919	7/5/2016	9,383,250
Hill-Rom Services, Inc	Algorithm for predicting and mitigating adverse events (From PROV 23081)	Granted	3/11/2013	13/793,848	12/15/2015	9,213,956
Hill-Rom Services, Inc	Patient Support Apparatus With Redundant Identity Verification (includes subject matter of prov N1 36245)	Granted	3/12/2013	13/796,697	7/11/2017	9,700,247
Hill-Rom Services, Inc	Person Support Apparatus Power Drive System (From PROV 36479 & 36478)	Granted	3/12/2013	13/795,404	7/18/2017	9,707,143
Hill-Rom Services, Inc	Patient Support Systems and Methods of Use (From PROV 36609)	Granted	3/13/2013	13/798,359	1/5/2016	9,228,885

Hill-Rom Services, Inc	Patient Support With a Microclimate System and a Graphical User Interface (from PROV 36521)	Granted	3/13/2013	13/798,390	1/12/2016	9,233,038
Hill-Rom Services, Inc	Patient Support Systems and Methods of Use (CIP of 36910)) (includes N1-36609, N1 36020 and N1 35110)	Granted	3/14/2013	13/828,186	5/3/2016	9,329,076
Hill-Rom Services, Inc	Control System For Patient Support Apparatus (From PROV 36104)	Granted	3/14/2013	13/803,608	1/10/2017	9,539,155
Hill-Rom Services, Inc	Control of Hospital Bed Chair Egress Configuration Based on Patient Physiology (CON of 22964)	Granted	4/3/2013	13/855,833	9/30/2014	8,844,078
Hill-Rom Services, Inc	Patient Support Having an Adjustable Popliteal Length Apparatus, System and Method (CON of N1-36973)	Granted	4/15/2013	13/862,751	10/14/2014	8,856,987



Hill-Rom Services, Inc	Patient Support Apparatus with Movable Siderail Assembly (CON of 22999)	Granted	5/8/2013	13/889,407	5/27/2014	8,732,875
Hill-Rom Services, Inc	Occupant Egress Prediction Systems, Methods and Devices (From PROV 36337)	Granted	5/22/2013	13/900,115	10/20/2015	9,165,449
Hill-Rom Services, Inc	Adverse Condition Detection, Assessment, and Response Systems, Methods and Devices (From PROV 36338)	Granted	5/22/2013	13/900,209	1/9/2018	9,861,550
Hill-Rom Services, Inc	User Station for Healthcare Communication System (CON of 36246)	Granted	6/3/2013	13/908,062	8/12/2014	8,803,669
Hill-Rom Services, Inc	Patient Support Apparatus Having Alert Light (CON of 35973)	Granted	6/13/2013	13/916,664	12/29/2015	9,220,650

Hill-Rom Services, Inc	Occupant Support with a Knee Lift (from PROV 36352)	Application	6/14/2013	13/917,809		
Hill-Rom Services, Inc	Occupant Support with a Knee Lift (from PROV 36352)	Granted	6/14/2013	13/917,809	9/10/2019	10,406,050
Hill-Rom Services, Inc	Stretcher Seat Section Articulation Mechanisms and Methods (From PROV 36379 & claim priority to (PROV 36356)	Granted	6/18/2013	13/920,330	9/29/2015	9,144,527
Hill-Rom Services, Inc	Patient Support Systems and Methods of Use (CON of 36910) (Also claims benefit to 36019, 35157,36609 & 36866)	Granted	6/20/2013	13/922,979	4/11/2017	9,618,383
Hill-Rom Services, Inc	Patient Support Systems and Methods of Use (CON of 36866) (Claims Benefit of 36019, 35157, 36609 & 36910)	Granted	6/20/2013	13/922,982	5/23/2017	9,655,457

Hill-Rom Services, Inc	Patient Support Systems and Methods of Use (from PROV 36019 and claim priority to 35157, 36609, 36019, 36866)	Granted	6/20/2013	14/409,271	12/5/2017	9,833,369
Hill-Rom Services, Inc	User Interface for Power Drive System of a Patient Support Apparatus (CON of 35081)	Granted	7/1/2013	13/932,364	6/24/2014	8,756,726
Hill-Rom Services, Inc	Hospital Bed Obstacle Detection Apparatus (CON of 36564)	Granted	8/2/2013	13/957,575	10/21/2014	8,866,610
Hill-Rom Services, Inc	Systems and Methods for directing Fluid Flow in a Mattress (From PROV 36248)	Granted	8/7/2013	13/960,860	2/21/2017	9,572,433
Hill-Rom Services, Inc	Variable Width Hospital Bed (From PROV 36484)	Application	8/9/2013	13/963,245		

Hill-Rom Services, Inc	Apparatuses For Supporting And Monitoring A Condition of a Person (CON of 33951)	Granted	8/28/2013	14/011,833	6/2/2015	9,044,204
Hill-Rom Services, Inc	Sensor Control For Apparatuses For Supporting and Monitoring A Person (CON of 33953)	Granted	8/30/2013	14/014,875	4/21/2015	9,013,315
Hill-Rom Services, Inc	Fluid Supply Control For Patient Support Surface (CON of 33955)	Granted	9/5/2013	14/019,002	5/12/2015	9,030,331
Hill-Rom Services, Inc	Healthcare Communication System with White Board (CON of 36042)	Granted	9/11/2013	14/023,617	10/21/2014	8,866,598
Hill-Rom Services, Inc	Bed Status Indicators (CON of 19266)	Granted	9/12/2013	14/025,107	9/30/2014	8,847,756
Hill-Rom Services, Inc	Occupant Support With A Translatable and Parallel Translatable Upper Body Section (CON of 22152)	Granted	9/12/2013	14/024,858	5/1/2018	9,956,127

Hill-Rom Services, Inc	Patient Support Apparatuses With Exercise Functionalities (CON of 34145)	Granted	9/27/2013	14/039,927	9/8/2015	9,125,785
Hill-Rom Services, Inc	Sequential Compression Therapy Compliance Monitoring Systems and Methods (CIP of N1-34065)	Granted	9/30/2013	14/041,128	8/22/2017	9,737,454
Hill-Rom Services, Inc	Person Support Apparatus With Spring Assistance For Articulation (From PROV 36608)	Granted	10/29/2013	14/065,826	12/5/2017	9,833,368
Hill-Rom Services, Inc	User interface for hospital bed (CON of 18347)	Granted	11/1/2013	14/069,484	4/26/2016	9,320,664
Hill-Rom Services, Inc	Bed Load Cell Based Physiological Sensing Systems and Methods (From PROV 36547)	Granted	11/1/2013	14/069,460	5/21/2019	10,292,605

Hill-Rom Services, Inc	Bed Frame Assembly with a Lift System having a Translatable Carriage (CIP of 23044)	Granted	11/4/2013	14/071,048	3/10/2015	8,973,187
Hill-Rom Services, Inc	Person Support Apparatuses Having Exercise Therapy Features (from PCT N2-37251)	Granted	11/15/2013	14/442,912	6/27/2017	9,687,401
Hill-Rom Services, Inc	Distributed Healthcare Communication System (CON of 20999)	Granted	11/27/2013	14/091,392	3/29/2016	9,299,242
Hill-Rom Services, Inc	Mattress Deflation Management (CON of 23005)	Granted	12/2/2013	14/093,881	3/8/2016	9,277,827
Hill-Rom Services, Inc	Hospital Bed Having User Input to Enable and Suspend Remote Monitoring Of Alert Conditions (CON of 36580)	Granted	12/6/2013	14/098,937	12/23/2014	8,917,166

Hill-Rom Services, Inc	Patient Support Apparatus Having Movable Handles (from PROV 35411)	Granted	12/6/2013	14/098,749	12/8/2015	9,205,009
Hill-Rom Services, Inc	Inflatable Patient Positioning Unit	Granted	12/6/2013	14/098,626	2/16/2016	9,259,098
Hill-Rom Services, Inc	Association of Support Surfaces And Beds (CON of 35837)	Granted	12/6/2013	14/098,704	10/11/2016	9,465,915
Hill-Rom Services, Inc	Hospital Bed Having Patient Lifting Device (CON of 35101)	Granted	12/11/2013	14/102,914	5/10/2016	9,333,138
Hill-Rom Services, Inc	Control for Pressurized Bladder in a Patient Support Apparatus (CON of 35959)	Granted	12/18/2013	14/132,761	8/18/2015	9,107,511
Hill-Rom Services, Inc	Patient Support, Communication, and Computing Apparatus (CON of 35195)	Granted	12/19/2013	14/134,145	2/2/2016	9,253,259
Hill-Rom Services, Inc	Bed Status System for a Patient Support Apparatus (From PROV 36014)	Granted	12/20/2013	14/136,214	11/3/2015	9,177,465

Hill-Rom Services, Inc	Optical Detector At Point Of Care (CON of 22903)	Granted	12/27/2013	14/141,917	4/28/2015	9,016,563
Hill-Rom Services, Inc	Siderail assembly For Patient Support Apparatus (CON of 22962)	Granted	1/2/2014	14/146,280	11/3/2015	9,173,797
Hill-Rom Services, Inc	Person Support Apparatuses With Selectively Coupled Foot sections	Granted	1/15/2014	14/155,787	5/26/2015	9,038,218
Hill-Rom Services, Inc	Person Support Apparatuses With Exercise Functionalities	Granted	1/15/2014	14/155,794	9/15/2015	9,132,051
Hill-Rom Services, Inc	Microclimate System for a Patient Support Apparatus (From PROV 22156 & includes N1-36600)	Granted	1/15/2014	14/156,085	10/11/2016	9,463,124
Hill-Rom Services, Inc	Varying Depth Fluidized Bed (From PROV 35696)	Granted	1/17/2014	14/158,017	6/23/2015	9,060,908



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	1/30/2014	14/168,538	11/3/2015	9,173,796
Hill-Rom Services, Inc	Dynamic Therapy Delivery System (from PROV 36707)	Granted	2/4/2014	14/171,800	10/4/2016	9,456,780
Hill-Rom Services, Inc	Variable Height Siderail (CON of 36738)	Granted	2/10/2014	14/176,188	6/23/2015	9,060,619
Hill-Rom Services, Inc	Sensors in a Mattress Cover (from PROV 36832)	Granted	2/26/2014	14/190,972	5/10/2016	9,333,136
Hill-Rom Services, Inc	Topper For a Patient Surface (from PROV 36816)	Granted	2/26/2014	14/190,969	9/6/2016	9,433,300
Hill-Rom Services, Inc	Caregiver Rounding with Real Time Locating System Tracking (From PROV 36884)	Granted	3/7/2014	14/200,133	1/19/2016	9,240,120

Hill-Rom Services, Inc	Multi-Alert Lights For Hospital Bed (From PROV 36602)	Granted	3/7/2014	14/200,062	5/23/2017	9,655,798
Hill-Rom Services, Inc	Wireless Bed Power (From PCT N21-37360)	Granted	3/7/2014	14/771,929	9/11/2018	10,075,214
Hill-Rom Services, Inc	Measuring Multiple Physiological Parameters Through Blind Signal Processing of Video Parameters (From PROV 36546)	Granted	3/10/2014	14/202,567	3/26/2019	10,238,292
Hill-Rom Services, Inc	Air Fluidized Therapy Bed Having Pulmonary Therapy (From PROV 36097)	Granted	3/10/2014	14/202,624	3/26/2019	10,238,560
Hill-Rom Services, Inc	Hospital Bed Computer System Having Direct Caregiver Messaging (CON of 36735)	Granted	3/13/2014	14/207,819	3/15/2016	9,286,441

Hill-Rom Services, Inc	Patient Support With Dynamic Bar Code Generator (From PROV 36064)	Granted	3/20/2014	14/220,553	7/17/2018	10,026,505
Hill-Rom Services, Inc	Universal Caregiver Interface (From PROV 36399)	Granted	3/24/2014	14/223,355	5/14/2019	10,290,071
Hill-Rom Services, Inc	Patient-Need Prediction System	Granted	4/11/2014	14/250,848	4/12/2016	9,311,804
Hill-Rom Services, Inc	Therapy Enabler System (CON of 34036)	Granted	4/16/2014	14/253,897	8/30/2016	9,427,365
Hill-Rom Services, Inc	Systems and methods for detecting a liquid	Granted	4/30/2014	14/265,481	4/26/2016	9,322,797
Hill-Rom Services, Inc	Systems and Methods for Detecting a Liquid	Granted	4/30/2014	14/265,503	6/14/2016	9,366,644
Hill-Rom Services, Inc	Systems and methods for detecting a liquid	Granted	4/30/2014	14/265,520	11/29/2016	9,506,886
Hill-Rom Services, Inc	Medical Gas Tank Receptacle For Patient Support Apparatus (CON of 36737)	Granted	5/5/2014	14/269,492	5/10/2016	9,333,134

Hill-Rom Services, Inc	Hospital Bed Having Wireless Data and Locating Capability (CON of 35339)	Granted	5/13/2014	14/276,279	9/22/2015	9,142,923
Hill-Rom Services, Inc	Siderail Assembly For Patient Support Apparatus (CON of 22963)	Granted	6/6/2014	14/298,217	9/12/2017	9,756,954
Hill-Rom Services, Inc	Accessory Frame Attachment Apparatus (CON of 36048)	Granted	6/9/2014	14/299,202	3/7/2017	9,585,804
Hill-Rom Services, Inc	Patient Support With Air Bladder Control Sensitive to An Orientation Angle Sensor (CON of 22446)	Granted	6/12/2014	14/302,740	10/16/2018	10,098,798
Hill-Rom Services, Inc	System and Method for Association of Patient Care Devices to a Patient (CON of 35942)	Granted	6/16/2014	14/305,013	8/15/2017	9,734,293

Hill-Rom Services, Inc	Apparatus for Supporting and Monitoring a Person (CON of 35360 & Claims priority as a CIP to 37147)	Granted	7/8/2014	14/325,535	1/24/2017	9,552,460
Hill-Rom Services, Inc	Apparatuses and Methods for Determining Performance Parameters of a Flexible Surface (From PCT N2-37577)	Granted	7/9/2014	14/901,295	7/2/2019	10,337,963
Hill-Rom Services, Inc	Method and Apparatus for Moisture Detection	Granted	7/10/2014	14/327,882	8/1/2017	9,719,951
Hill-Rom Services, Inc	Systems, Methods, and Devices for Fluidizing a Fluidizable Medium (CON of 35240)	Granted	7/11/2014	14/329,746	6/11/2019	10,314,753
Hill-Rom Services, Inc	Moisture Detection System (CON of 22557)	Application	7/30/2014	14/446,632		
Hill-Rom Services, Inc	Moisture Detection System	Granted	7/30/2014	14/446,632	2/11/2020	10,559,187

Hill-Rom Services, Inc	User Module for a Patient Support (CON of 17753)	Granted	8/5/2014	14/452,081	11/28/2017	9,827,157
Hill-Rom Services, Inc	User Station for Healthcare Communication System (CON of 37052)	Granted	8/6/2014	14/453,009	1/12/2016	9,235,979
Hill-Rom Services, Inc	Systems, Methods, and Devices For The Treatment of Sleep Disorders (CIP of N2-37044 & N2-37419 and claims benefit to PROV's 35912, 36658, 36911 & 37236)	Granted	8/8/2014	14/454,961	5/26/2020	10,660,807
Hill-Rom Services, Inc	Mattress (Design Registration - CIP of N2-37044 & N2-37419 - claims benefit to PROV's 35912, 36658, 36911 & 37236)	Granted	8/8/2014	29/498,872	2/21/2017	D779,236
Hill-Rom Services, Inc	Foot End Siderrail	Granted	8/12/2014	29/499,165	10/11/2016	D768,422
Hill-Rom Services, Inc	Head End Siderrail	Granted	8/12/2014	29/499,162	10/18/2016	D769,042

Hill-Rom Services, Inc	Barrier For A Hospital Bed	Granted	8/12/2014	29/499,160	11/8/2016	D770,824
Hill-Rom Services, Inc	Hospital Bed Having Weigh Scale System (CON of 35867)	Granted	9/3/2014	14/475,622	7/5/2016	9,383,251
Hill-Rom Services, Inc	Methods and Apparatus for the Detection of Moisture and Multifunctional Sensor Systems (From PCT 37420))	Granted	9/11/2014	15/123,109	7/17/2018	10,022,277
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	9/16/2014	14/487,279	11/28/2017	9,830,424
Hill-Rom Services, Inc	Hospital Bed Compatibility with Third Party Application Software (CIP of N1-37389)	Granted	9/30/2014	14/501,380	11/12/2019	10,474,808
Hill-Rom Services, Inc	Person Support Systems (CON of 22468)	Granted	10/7/2014	14/508,690	12/27/2016	9,526,348

Hill-Rom Services, Inc	Healthcare Communication System Having Configurable Alarm Rules (CON of 36042)	Granted	10/9/2014	14/510,404	6/9/2015	9,050,031
Hill-Rom Services, Inc	Endboard For A Person Support Apparatus (From PROV 37331)	Granted	11/5/2014	14/534,139	10/16/2018	10,098,797
Hill-Rom Services, Inc	Adjustable Person Support System With Expansion Wings Driven By Dual Leadscrews and Center Mounted Motors (CIP of N2-37563)	Granted	11/20/2014	14/548,647	9/12/2017	9,757,293
Hill-Rom Services, Inc	System Wide Firmware Updates to Networked Hospital Beds (CON of 37345)	Granted	11/26/2014	14/554,696	12/6/2016	9,513,899
Hill-Rom Services, Inc	Patient Monitoring System (CON of 35875)	Granted	12/5/2014	14/562,024	4/5/2016	9,301,689
Hill-Rom Services, Inc	Headboard for Patient Bed	Granted	1/29/2015	29/516,143	11/8/2016	D770,827



Hill-Rom Services, Inc	Footboard for Patient Bed	Granted	1/29/2015	29/516,149	11/8/2016	D770,828
Hill-Rom Services, Inc	Head Rail for Patient Bed	Granted	1/29/2015	29/516,150	11/8/2016	D770,829
Hill-Rom Services, Inc	Foot Rail for Patient Bed	Granted	1/29/2015	29/516,152	11/8/2016	D771,259
Hill-Rom Services, Inc	Optimization of the operation of a patient-support apparatus based on patient response (CON of 35208)	Granted	2/10/2015	14/618,142	8/27/2019	10,391,009
Hill-Rom Services, Inc	Climate Management Topper with Shape Change Actuators for Regulating Coolant Distribution	Granted	2/17/2015	14/623,852	3/13/2018	9,913,770

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)	Granted	2/25/2015	14/631,140	4/14/2020	10,617,581
Hill-Rom Services, Inc	Caregiver Universal Remote Cart for Patient Bed Control (From PROV 37493)	Granted	3/6/2015	14/640,182	10/11/2016	9,463,126
Hill-Rom Services, Inc	Healthcare Communication System for Programming Bed Alarms (CON of 38080)	Granted	4/14/2015	14/685,733	5/10/2016	9,336,672

Hill-Rom Services, Inc	Sensor Control For Apparatuses For Supporting and Monitoring A Person (CON of 37171)	Granted	4/14/2015	14/686,244	1/24/2017	9,549,675
Hill-Rom Services, Inc	Apparatuses For Supporting And Monitoring A Condition of a Person (CON of 37147)	Granted	4/17/2015	14/689,588	1/24/2017	9,549,705
Hill-Rom Services, Inc	Person Support Apparatuses With Selectively Coupled Foot sections (CON of 37128)	Granted	4/17/2015	14/689,490	5/12/2020	10,646,389
Hill-Rom Services, Inc	Hospital Bed (CON of N1-36244)	Granted	4/20/2015	14/690,551	4/9/2019	10,251,797
Hill-Rom Services, Inc	Bed Frame, Mattress and Bed with Enhanced Chair Egress Capability (CON of 22554)	Granted	5/21/2015	14/718,540	4/30/2019	10,272,007

Hill-Rom Services, Inc	Patient Control Arm with Phone Dock and Head of Bed Lockout (From PROV 37585)	Granted	5/29/2015	14/725,500	7/30/2019	10,363,182
Hill-Rom Services, Inc	Mattress Topper with Varying Flow Resistance (CON of NI-35443)	Granted	7/22/2015	14/805,818	4/17/2018	9,943,172
Hill-Rom Services, Inc	Systems, Methods, and Devices For Treatment of Sleep Disorders (CIP of NI-37558)	Granted	7/31/2015	14/815,010	7/27/2021	11,071,666
Hill-Rom Services, Inc	Hospital Bed Having Communication Modules (CON of 37545)	Granted	8/14/2015	14/826,304	2/21/2017	9,572,737
Hill-Rom Services, Inc	Catheter Monitor Integration With Patient Support, Hygiene And Healthcare Communication Systems (from PROV 38267)	Granted	8/19/2015	14/829,692	5/9/2017	9,642,967

Hill-Rom Services, Inc	Bed with a Stowable Siderail (From PROV 38688)	Granted	9/2/2015	14/843,379	5/14/2019	10,285,507
Hill-Rom Services, Inc	Method and Apparatus for Decision Support	Application	9/9/2015	14/848,742		
Hill-Rom Services, Inc	Dynamic Apnea Therapy Surface (From PROV 38020)	Granted	9/9/2015	14/848,513	5/21/2019	10,292,881
Hill-Rom Services, Inc	Occupant Egress Prediction Systems, Methods and Devices (CON of 37045)	Granted	9/17/2015	14/857,006	1/24/2017	9,552,714
Hill-Rom Services, Inc	Bed Status System for a Patient Support Apparatus (CON of 37292)	Granted	9/30/2015	14/870,196	11/8/2016	9,489,818
Hill-Rom Services, Inc	Patient Support Apparatus Having Alert Light (CON of 37067)	Application	10/1/2015	14/872,254		
Hill-Rom Services, Inc	Patient Support Apparatus Having Alert Light	Granted	10/1/2015	14/872,254	2/18/2020	10,561,550

Hill-Rom Services, Inc	Equipment, Dressing and Garment Wireless Connectivity to a Patient Bed (From PROV 38026)	Granted	10/9/2015	14/879,179	7/18/2017	9,711,029
Hill-Rom Services, Inc	Methods and Apparatus for a Moisture Detector	Granted	10/16/2015	14/885,220	3/6/2018	9,910,003
Hill-Rom Services, Inc	Methods and Apparatus for a Moisture Detector	Granted	10/16/2015	14/885,280	1/29/2019	10,191,003
Hill-Rom Services, Inc	Bed Having Rack and Pinion Powered Width Expansion (CON of 36867)	Granted	10/20/2015	14/887,708	9/19/2017	9,763,840
Hill-Rom Services, Inc	Hospital Bed Obstacle Detection Apparatus (CON of 37584)	Granted	10/23/2015	14/921,483	5/23/2017	9,655,796
Hill-Rom Services, Inc	Method and System for Controlling Evaporative and Heat Withdrawal from a Patient Support Surface (CON of 21926)	Granted	11/19/2015	14/945,481	12/6/2016	9,510,687

Hill-Rom Services, Inc	Method of Predicting and Mitigating Adverse Events (CON of 36921)	Granted	1/1/19/2015	14/945,538	12/10/2019	10,503,129
Hill-Rom Services, Inc	Caregiver Rounding Communication System (CON of 37358)	Granted	12/22/2015	14/977,809	10/11/2016	9,465,916
Hill-Rom Services, Inc	Hospital Bed Computer System Having EMR Charting Capability (CON of 37492)	Granted	12/31/2015	14/985,885	1/8/2019	10,176,297
Hill-Rom Services, Inc	Sidetrail with Storage Area (CON of 21981)	Granted	1/8/2016	14/991,156	1/8/2019	10,172,471
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)	Granted	1/19/2016	15/000,258	12/8/2020	10,856,775

Hill-Rom Services, Inc	Systems and methods for detecting a liquid	Granted	1/25/2016	15/005,943	11/7/2017	9,810,652
Hill-Rom Services, Inc	Pressure Ulcer Detection Systems and Methods	Granted	2/10/2016	15/040,170	10/1/2019	10,426,396
Hill-Rom Services, Inc	Distributed Healthcare Communication System (CON of 37348)	Granted	2/25/2016	15/053,303	12/13/2016	9,517,035
Hill-Rom Services, Inc	Estimation And Monitoring of Patient Torso Angle (From PROV 38180)	Granted	2/25/2016	15/053,436	12/5/2017	9,836,942
Hill-Rom Services, Inc	Healthcare Communication System for Programming Bed Alarms (CON of 38584)	Granted	2/26/2016	15/054,217	12/13/2016	9,517,034
Hill-Rom Services, Inc	User Interface for Hospital Bed (CON of 37238)	Granted	3/21/2016	15/075,610	12/26/2017	9,849,051



Hill-Rom Services, Inc	Method for Assessing the Condition of a Tissue Sample with Coherent Electromagnetic Radiation (From PROV 38554 & 38593)	Granted	4/5/2016	15/090,981	3/13/2018	9,915,642
Hill-Rom Services, Inc	Method for Assessing the Condition of a Tissue Sample with Polarized Electromagnetic Radiation (From PROV 38553)	Granted	4/5/2016	15/091,036	2/5/2019	10,197,553
Hill-Rom Services, Inc	Patient-Need Prediction System (CON of 37499)	Granted	4/6/2016	15/091,922	9/19/2017	9,763,576
Hill-Rom Services, Inc	Patient Position Detection for Patient Support Apparatus (CON of 36857)	Granted	4/20/2016	15/133,692	7/30/2019	10,363,181
Hill-Rom Services, Inc	Self-Compensating Bed Scale System for Removable Components (From PROV 38484)	Granted	4/25/2016	15/137,306	8/14/2018	10,045,715

Hill-Rom Services, Inc	Multi-Mode Sacral Unloading Pressure Relief In A Patient Support Surface (From PROV 38183)	Application	4/26/2016	15/138,353		
Hill-Rom Services, Inc	Bed With Automatic Weight Offset Detection And Modification (From PROV 38191)	Granted	4/26/2016	15/138,340	8/21/2018	10,054,479
Hill-Rom Services, Inc	Multi-Mode Sacral Unloading Pressure Relief In A Patient Support Surface (From PROV 38183)	Granted	4/26/2016	15/138,353	9/17/2019	10,413,464
Hill-Rom Services, Inc	In-Bed Patient Identity Verification And Data Collection (From PROV 38226)	Granted	5/9/2016	15/149,408	2/2/2021	10,910,102
Hill-Rom Services, Inc	Hygiene Monitoring System (CON of 37560)	Granted	5/10/2016	15/150,527	7/25/2017	9,715,817

Hill-Rom Services, Inc	Patient Support Apparatus With Sensor Assembly (From PROV) 38485)	Granted	5/11/2016	15/151,828	11/27/2018	10,137,044
Hill-Rom Services, Inc	Headrail	Granted	5/28/2016	29/566,374	12/12/2017	D804,882
Hill-Rom Services, Inc	Footrail	Granted	5/28/2016	29/566,375	12/12/2017	D804,883
Hill-Rom Services, Inc	Footboard	Granted	5/28/2016	29/566,376	12/12/2017	D804,884
Hill-Rom Services, Inc	Headboard	Granted	5/28/2016	29/566,377	12/12/2017	D804,885
Hill-Rom Services, Inc	Headboard	Granted	5/28/2016	29/566,378	3/13/2018	D812,401
Hill-Rom Services, Inc	Patient Support Apparatus	Granted	5/29/2016	15/577,581	12/31/2019	10,517,784
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	6/1/2016	15/170,300	4/9/2019	10,254,727
Hill-Rom Services, Inc	Siderail Power Communication Interface (CON of 22524)	Granted	6/7/2016	15/175,642	11/13/2018	10,123,925

Hill-Rom Services, Inc	Methods And Apparatuses For Controlling Angular Orientations Of A Person Support Apparatus (From PROV 38611)	Granted	6/19/2016	15/186,486	10/8/2019	10,437,213
Hill-Rom Services, Inc	Automatic Contextual Login Using Real Time Locating System Information (From PROV 38179)	Application	6/20/2016	15/186,956		
Hill-Rom Services, Inc	Protective Dressing With Reusable Phase-Change Material Cooling Insert (From PROV 38025)	Application	6/22/2016	15/189,459		
Hill-Rom Services, Inc	Person Support Apparatus With Ingress/Egress Assist (From PROV 38612)	Granted	6/22/2016	15/189,097	10/8/2019	10,433,652

Hill-Rom Services, Inc	Microclimate System For a Patient Support Apparatus (From PROV 38177)	Granted	6/28/2016	15/194,876	9/8/2020	10,765,577
Hill-Rom Services, Inc	Hygiene Compliance System (From PROV 38264)	Granted	7/11/2016	15/206,604	9/26/2017	9,773,403
Hill-Rom Services, Inc	Customized Bed Exit Warnings To Modify Patient Behavior (From PROV 38648)	Granted	7/18/2016	15/212,669	12/10/2019	10,504,353
Hill-Rom Services, Inc	Air Bladder Control of Mattress/Frame Width Expansion (From PROV 38641)	Granted	7/20/2016	15/214,530	10/1/2019	10,426,680
Hill-Rom Services, Inc	Microclimate Management Airflow Control Based On Incontinence Detection (From PROV 38647)	Granted	8/9/2016	15/231,919	4/21/2020	10,624,804

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	8/11/2016	15/234,244	11/20/2018	10,130,539
Hill-Rom Services, Inc	Hospital Bed Having Near Field Communication Capability (DIV of 36652)	Granted	8/16/2016	15/237,807	1/8/2019	10,176,700
Hill-Rom Services, Inc	Therapy Enabler Token (CON of 37498)	Granted	8/22/2016	15/243,015	12/31/2019	10,517,783
Hill-Rom Services, Inc	Topper for a Patient Surface with Flexible Fabric Sleeves (CON of 37315)	Granted	8/24/2016	15/245,957	10/1/2019	10,426,681
Hill-Rom Services, Inc	Caregiver Rounding Communication System (CON of 38994)	Granted	9/6/2016	15/256,802	5/23/2017	9,659,148

Hill-Rom Services, Inc	Patient Bed Having Software Download Capability (CON of 38188)	Granted	9/6/2016	15/257,058	6/26/2018	10,004,654
Hill-Rom Services, Inc	Incontinence Detection Apparatus Having Displacement Alert (CON of 37425)	Granted	9/6/2016	15/257,301	5/12/2020	10,646,379
Hill-Rom Services, Inc	Microclimate System for a Patient Support Apparatus (CON of 37298)	Granted	9/8/2016	15/259,679	8/15/2017	9,730,847
Hill-Rom Services, Inc	Foot End Siderail (CON of 37556)	Granted	9/12/2016	29/577,250	5/15/2018	D817,682
Hill-Rom Services, Inc	Head End Siderail (CON of 37555)	Granted	9/12/2016	29/577,251	6/5/2018	D819,382
Hill-Rom Services, Inc	Patient Support Apparatus Having Air Fluidized Therapy (From PROV 38889)	Application	9/14/2016	15/265,194		

Hill-Rom Services, Inc	Hand Hygiene Monitoring System With Customizable Thresholds (from PROVs 38642 & 39102)	Application	9/20/2016	15/270,330		
Hill-Rom Services, Inc	Hand Hygiene Monitoring System With Customizable Thresholds	Granted	9/20/2016	15/270,330	3/31/2020	10,607,471
Hill-Rom Services, Inc	Wireless Bed Locating System (CON of 37346)	Application	9/23/2016	15/273,831		
Hill-Rom Services, Inc	Wireless Bed Locating System	Granted	9/23/2016	15/273,831	2/18/2020	10,566,088
Hill-Rom Services, Inc	Head Rail for Patient Bed (CON of 38393)	Granted	9/28/2016	29/579,151	5/8/2018	D817,058
Hill-Rom Services, Inc	Barrier For A Hospital Bed (CON of 37554)	Granted	9/28/2016	29/579,145	8/21/2018	D825,973
Hill-Rom Services, Inc	Headboard for Patient Bed (CON of 38391)	Granted	9/28/2016	29/579,146	8/28/2018	D826,615
Hill-Rom Services, Inc	Footboard for Patient Bed (CON of 38392)	Granted	9/28/2016	29/579,148	8/28/2018	D826,616
Hill-Rom Services, Inc	Foot Rail for Patient Bed (CON of 38394)	Granted	9/28/2016	29/579,154	8/6/2019	D855,369



Hill-Rom Services, Inc	Hospital Bed Control and Charting (CON of 23086)	Granted	10/13/2016	15/292,578	12/8/2020	10,857,050
Hill-Rom Services, Inc	Medical Line Manager (Continuation. of NI-20879)	Granted	10/18/2016	15/296,767	4/3/2018	9,931,258
Hill-Rom Services, Inc	Bed Alert Condition Configuration Using A Remote Computer Device (From PROV 22910)	Granted	10/19/2016	15/297,251	4/21/2020	10,629,052
Hill-Rom Services, Inc	Network Connectivity Unit for Hospital Bed (CON of 38341)	Granted	10/24/2016	15/332,428	10/3/2017	9,775,519
Hill-Rom Services, Inc	Bed Alarm Communication System (CON of 39112)	Granted	10/24/2016	15/332,092	1/9/2018	9,861,321
Hill-Rom Services, Inc	Distributed Healthcare Communication System (CON of 39111)	Granted	10/24/2016	15/332,699	5/1/2018	9,955,926
Hill-Rom Services, Inc	Person Support Systems With Cooling Features (From PROV 38812)	Application	11/10/2016	15/348,080		

Hill-Rom Services, Inc	Person Support Systems With Cooling Features	Granted	11/10/2016	15/348,080	2/4/2020	10,548,788
Hill-Rom Services, Inc	Incontinence Detection Systems For Hospital Beds (From PCT)	Granted	11/16/2016	15/775,882	10/19/2021	11,147,719
Hill-Rom Services, Inc	Person Support Apparatus Having Physiological Sensor (CON of 38585)	Granted	12/15/2016	15/379,578	10/3/2017	9,775,758
Hill-Rom Services, Inc	Configurable User Interface Systems for Hospital Bed (CON of 36375)	Granted	12/15/2016	15/379,628	1/8/2019	10,176,895
Hill-Rom Services, Inc	Patient Care Devices With Local Indication Of Correspondence And Power Line Interconnectivity (From PROV 38646)	Granted	12/15/2016	15/379,572	8/27/2019	10,395,769

Hill-Rom Services, Inc	Occupant Egress Prediction Systems, Methods and Devices (CON of 38863)	Granted	12/19/2016	15/383,462	9/12/2017	9,761,109
Hill-Rom Services, Inc	System for Predicting Departure from an Origin Based on External Factors (From PROV 39001)	Application	12/22/2016	15/388,535		
Hill-Rom Services, Inc	System for Predicting Departure from an Origin Based on External Factors	Granted	12/22/2016	15/388,535	1/7/2020	10,529,212
Hill-Rom Services, Inc	Microclimate Management System with Wireless Sensors (From PROV 39103)	Application	12/28/2016	15/392,762		
Hill-Rom Services, Inc	Support Surface Useful Life Monitoring (From PROV 38689)	Application	1/5/2017	15/398,836		
Hill-Rom Services, Inc	Support Surface Useful Life Monitoring	Granted	1/5/2017	15/398,836	3/17/2020	10,588,802

Hill-Rom Services, Inc	Control System For Patient Support Apparatus (CON of 36864)	Granted	1/6/2017	15/399,896	12/24/2019	10,512,573
Hill-Rom Services, Inc	Hospital Bed and Room Communication Modules (CON of 38796)	Granted	1/11/2017	15/403,566	3/27/2018	9,925,104
Hill-Rom Services, Inc	Mattress (CON of 37583)	Application	1/13/2017	29/590,840		
Hill-Rom Services, Inc	Mattress (CON of 37583)	Granted	1/13/2017	29/590,840	9/24/2019	D860,685
Hill-Rom Services, Inc	Patient Support System And Methods Of Use (CON of 37029)	Granted	2/6/2017	15/425,391	8/27/2019	10,391,008
Hill-Rom Services, Inc	Systems and Methods for directing Fluid Flow in a Mattress (From PROV 36248)	Application	2/9/2017	15/428,570		
Hill-Rom Services, Inc	Systems and Methods for directing Fluid Flow in a Mattress	Granted	2/9/2017	15/428,570	2/11/2020	10,555,854

Hill-Rom Services, Inc	Hospital Bed Scale Calibration Methods and Patient Position Monitoring Methods (From PROV 38725)	Granted	2/9/2017	15/428,457	4/28/2020	10,634,549
Hill-Rom Services, Inc	Sleep Disorder Treatment Devices, Systems, and Methods (from PROV 39107)	Granted	2/14/2017	15/431,985	8/27/2019	10,391,010
Hill-Rom Services, Inc	Patient Support Apparatus Having an Integrated Limb Compression Device (From PROV 39094)	Granted	2/15/2017	15/432,991	12/17/2019	10,507,158
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	3/15/2017	15/459,212	7/3/2018	10,010,271

Hill-Rom Services, Inc	Real-Time Patient Experience Monitoring System (from Provs 39197 & 39510)	Granted	3/17/2017	15/461,527	9/4/2018	10,068,461
Hill-Rom Services, Inc	Capacitive sensor for respiratory monitoring	Granted	4/4/2017	15/478,829	11/30/2021	11,185,289
Hill-Rom Services, Inc	Occupant Support and Method for Positioning an Occupant on the Occupant Support	Granted	4/4/2017	15/478,325	2/23/2021	10,925,789
Hill-Rom Services, Inc	Location-Based Incontinence Detection (From PROV 39127)	Granted	4/18/2017	15/490,109	10/30/2018	10,115,291
Hill-Rom Services, Inc	Apparatuses for Detecting Biomarkers and Methods for Using the Same	Application	4/25/2017	15/496,484		
Hill-Rom Services, Inc	Discriminating Patient Care Communications System (From PROV 39119)	Granted	4/26/2017	15/498,426	7/23/2019	10,360,787

Hill-Rom Services, Inc	Multi-Alert Lights For Hospital Bed (CON of 37370)	Application	4/27/2017	15/499,062		
Hill-Rom Services, Inc	Patient Support Systems and Methods of Use (CON of 37028)	Application	4/27/2017	15/499,424		
Hill-Rom Services, Inc	Caregiver Rounding Communication System (CON of 39414)	Granted	4/27/2017	15/498,873	5/15/2018	9,971,869
Hill-Rom Services, Inc	Patient Care Device Integration with a Hospital Bed (CON of 38691)	Granted	4/27/2017	15/498,919	7/10/2018	10,016,325
Hill-Rom Services, Inc	Multi-Alert Lights For Hospital Bed (CON of 37370)	Granted	4/27/2017	15/499,062	9/17/2019	10,413,465
Hill-Rom Services, Inc	Patient Support Systems and Methods of Use	Granted	4/27/2017	15/499,424	2/11/2020	10,555,850
Hill-Rom Services, Inc	Incontinence Detection Apparatus Electrical Architecture	Granted	5/16/2017	15/596,036	7/16/2019	10,350,116

Hill-Rom Services, Inc	Occupant Support with a Migration Sensitive Bladder and Method for Migration Detection	Granted	5/17/2017	15/597,784	9/8/2020	10,765,225
Hill-Rom Services, Inc	Systems and Methods For Generating Notifications Based on Bladder Volume Signals and Bladder Muscle Signals	Application	5/22/2017	15/601,390		
Hill-Rom Services, Inc	Systems and Methods For Generating Notifications Based on Bladder Volume Signals and Bladder Muscle Signals	Granted	5/22/2017	15/601,390	1/14/2020	10,531,823
Hill-Rom Services, Inc	Person Support System With Width Expansion Wings Which Reach Extension Limits At Different Times (CON of 37873)	Granted	5/24/2017	15/603,821	3/27/2018	9,925,102



Hill-Rom Services, Inc	Adaptable Mattress	Application	5/25/2017	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	Granted	5/30/2017	15/608,056	12/8/2020	10,857,051
Hill-Rom Services, Inc	Patient Support (CON of 19577)	Granted	6/7/2017	15/616,242	12/17/2019	10,507,147
Hill-Rom Services, Inc	Equipment, Dressing and Garment Wireless Connectivity to a Patient Bed (CON of 38890)	Granted	6/8/2017	15/617,514	7/31/2018	10,037,674
Hill-Rom Services, Inc	Person Support Apparatus Power Drive System (CON of 36899)	Application	6/20/2017	15/627,681		
Hill-Rom Services, Inc	Person Support Apparatus Power Drive System	Granted	6/20/2017	15/627,681	3/17/2020	10,588,803

Hill-Rom Services, Inc	Hygiene Monitoring System (CON of 39217)	Granted	6/21/2017	15/628,713	3/6/2018	9,911,312
Hill-Rom Services, Inc	Patient Support Apparatus Having Vital Signs Monitoring and Alerting	Granted	7/26/2017	15/660,360	11/16/2021	11,172,892
Hill-Rom Services, Inc	Sequential Compression Therapy Compliance Monitoring Systems and Methods (CON of N1-37190)	Granted	7/26/2017	15/659,906	3/9/2021	10,943,678
Hill-Rom Services, Inc	Image Based Monitoring of the State of a Device	Granted	8/3/2017	15/668,226	4/13/2021	10,973,720
Hill-Rom Services, Inc	Patient Support Apparatus Having Data Collection and Communication Capability (CON of 37576)	Granted	8/9/2017	15/672,381	6/8/2021	11,031,130
Hill-Rom Services, Inc	Person Support Apparatus Having Physiological Sensor (CON of 39576)	Granted	8/10/2017	15/673,760	10/30/2018	10,111,794

Hill-Rom Services, Inc	Inaccuracy Tolerant Actuation Assembly, Article Using the Same, and Method of Producing the Article (From PROV 39387)	Granted	8/16/2017	15/678,300	6/1/2021	11,022,193
Hill-Rom Services, Inc	Hygiene Compliance System (CON of 39264)	Granted	8/18/2017	15/680,627	5/1/2018	9,959,743
Hill-Rom Services, Inc	Occupant Falls Risk Determination Systems, Methods and Devices (CON of 39580)	Granted	8/18/2017	15/680,530	5/22/2018	9,978,244
Hill-Rom Services, Inc	Method of Powered Width Expansion of a Bed (CON of 38920)	Application	8/21/2017	15/681,590		
Hill-Rom Services, Inc	Method of Powered Width Expansion of a Bed	Granted	8/21/2017	15/681,590	3/31/2020	10,603,233

Hill-Rom Services, Inc	Hospital Bed Having Wired and Wireless Network Connectivity (CON of 39518)	Granted	9/8/2017	15/698,690	9/11/2018	10,070,789
Hill-Rom Services, Inc	Patient-Need Prediction System (CON of 39195)	Granted	9/15/2017	15/705,876	1/8/2019	10,172,522
Hill-Rom Services, Inc	Incontinence Detection Apparatus (CON of N2-39520 W/O)	Granted	9/19/2017	15/708,589	12/25/2018	10,159,607
Hill-Rom Services, Inc	Systems and methods for detecting a liquid	Granted	9/26/2017	15/715,472	6/25/2019	10,330,623
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	10/16/2017	15/784,693	5/18/2021	11,011,267
Hill-Rom Services, Inc	Matrix Bladder Control During Patient Bed Egress (CON of 38370)	Granted	10/16/2017	15/784,281	10/20/2020	10,806,655

Hill-Rom Services, Inc	Incontinence Detection Pad with User-Adjustable Sensitivity (From PROV 39135)	Abandoned	10/20/2017	15,788,846		
Hill-Rom Services, Inc	System for Predicting Egress from an Occupant Support (From PCT 39994)	Granted	10/23/2017	16,343,447	1/26/2021	10,902,713
Hill-Rom Services, Inc	User Module for a Patient Support Apparatus (CON of 37588)	Granted	10/31/2017	15,798,473	11/24/2020	10,842,695
Hill-Rom Services, Inc	Bed exit alerts for person support apparatus	Granted	10/31/2017	15,798,839	2/19/2019	10,206,836
Hill-Rom Services, Inc	Method and System for Assessing Compliance with a Patient Repositioning Protocol	Granted	11/1/2017	15,800,627	11/17/2020	10,835,436

Hill-Rom Services, Inc	Patient Support Apparatus Having Urinary Drainage Bag Lockout Feature (From PROV 39596)	Granted	11/6/2017	15/804,065	7/30/2019	10,363,184
Hill-Rom Services, Inc	Electrostimulation to Increase Perfusion (From PROV 39122)	Granted	11/14/2017	15/811,743	7/30/2019	10,363,416
Hill-Rom Services, Inc	System and Method for Determining Incontinence Device Replacement Interval (From PROV 39131)	Application	11/27/2017	15/822,337		
Hill-Rom Services, Inc	Estimation And Monitoring of Patient Torso Angle (CON of 39117)	Granted	11/30/2017	15/827,277	11/13/2018	10,127,788
Hill-Rom Services, Inc	Headboard	Granted	12/6/2017	29/628,622	6/4/2019	D850,178
Hill-Rom Services, Inc	Footboard (CON of 39220)	Granted	12/7/2017	29/628,766	6/4/2019	D850,179
Hill-Rom Services, Inc	Footrail (CON of 39223)	Granted	12/7/2017	29/628,771	6/11/2019	D850,836
Hill-Rom Services, Inc	Headboard (Con of 39219)	Granted	12/7/2017	29/628,760	7/2/2019	D852,565
Hill-Rom Services, Inc	Headrail (CON of 39222)	Granted	12/7/2017	29/628,774	9/3/2019	D858,166

Hill-Rom Services, Inc	Bed Alert Communication Method (CON of 39517)	Granted	12/12/2017	15/839,061	10/16/2018	10,098,593
Hill-Rom Services, Inc	Support Apparatuses Comprising Cooling Elements (From PROV 39137)	Granted	12/13/2017	15/840,127	4/6/2021	10,966,889
Hill-Rom Services, Inc	User Interface for Hospital Bed (CON of 39120)	Application	12/19/2017	15/846,286		
Hill-Rom Services, Inc	Adverse Condition Detection, Assessment, and Response Systems, Methods and Devices (CON of 37048)	Application	12/19/2017	15/846,377		
Hill-Rom Services, Inc	User Interface for Hospital Bed	Granted	12/19/2017	15/846,286	2/18/2020	10,561,552
Hill-Rom Services, Inc	Video Monitoring to Detect Sleep Apnea (From PROV 39598)	Granted	12/22/2017	15/852,514	11/5/2019	10,463,294
Hill-Rom Services, Inc	Interactive Physical Therapy (From PROV 39600)	Granted	1/3/2018	15/860,813	6/22/2021	11,039,763

Hill-Rom Services, Inc	Bed Exit Monitoring System (From PROV 39602)	Granted	1/10/2018	15/866,972	6/18/2019	10,321,856
Hill-Rom Services, Inc	Width Adjustable Person Support System With Dual Inboard Mounted Motors And Proximate, Directly Driven Extension Wings (C on of 39800)	Granted	1/23/2018	15/877,880	7/23/2019	10,357,414
Hill-Rom Services, Inc	Incontinence Detection Optimization Using Directional Wicking (From PROV 39048)	Application	1/25/2018	15/879,865		
Hill-Rom Services, Inc	Person Support Systems with Cooling Features (From PROV 39029)	Granted	1/25/2018	15/880,131	11/24/2020	10,842,288
Hill-Rom Services, Inc	Method and Apparatus for Automatic Event Prediction (From PROV 39532)	Granted	1/30/2018	15/883,754	7/27/2021	11,074,802



Hill-Rom Services, Inc	Hospital Bed and Room Communication Modules (CON of 39621)	Granted	2/20/2018	15/899,416	2/19/2019	10,206,837
Hill-Rom Services, Inc	Mattress Overlay for P&V. Turn Assist and MCM (From PROV 38974)	Granted	3/26/2018	15/935,837	12/8/2020	10,856,668
Hill-Rom Services, Inc	Incontinence Detection System Capable of Identifying Urinary or Fecal Incontinence (From PROV 39132)	Granted	3/28/2018	15/938,801	8/10/2021	11,083,636
Hill-Rom Services, Inc	Distributed Healthcare Communication System (CON 39519)	Granted	3/29/2018	15/939,762	6/4/2019	10,307,113
Hill-Rom Services, Inc	Emergent Situation Notification During Transport Of A Patient Support Apparatus (From PROV 38937)	Granted	4/10/2018	15/949,130	7/2/2019	10,335,334

Hill-Rom Services, Inc	Incontinence Detection System	Granted	5/1/2018	15/968,029	7/16/2019	10,349,881
Hill-Rom Services, Inc	Flexible Overhead Arm	Granted	5/11/2018	15/976,984	8/31/2021	11,103,398
Hill-Rom Services, Inc	Methods and Apparatus for Detecting Position of a Liquid	Granted	5/17/2018	15/983,075	4/28/2020	10,634,579
Hill-Rom Services, Inc	Patient Bed Having Translatable Siderail for Bed Exit (CON of 39418)	Granted	5/25/2018	15/990,285	11/12/2019	10,470,955
Hill-Rom Services, Inc	Method of Patient Care Device Integration with a Hospital Bed (CON of 39736)	Granted	6/18/2018	16/010,764	7/30/2019	10,363,183
Hill-Rom Services, Inc	Wireless Incontinence Detection Apparatus (CON of 39400)	Granted	6/19/2018	16/011,912	5/28/2019	10,299,968
Hill-Rom Services, Inc	Patient Immersion Sensor Using RADAR	Granted	6/26/2018	16/018,316	10/27/2020	10,813,809
Hill-Rom Services, Inc	Automated Healthcare System	Application	6/27/2018	16/019,865		

Hill-Rom Services, Inc	Apparatus for Graduated Lateral Rotation of a Sleep Surface	Granted	6/28/2018	16/021,796	9/21/2021	11,122,908
Hill-Rom Services, Inc	Layered Graduated Lateral Rotation Apparatus	Granted	6/29/2018	16/022,846	5/18/2021	11,007,098
Hill-Rom Services, Inc	Floor-Supported Graduated Lateral Rotation Apparatus	Granted	6/29/2018	16/022,852	8/24/2021	11,096,500
Hill-Rom Services, Inc	Wireless Communication Between Patient Beds and Equipment for Checking Compatibility (CON of 39818)	Granted	7/11/2018	16/032,411	12/25/2018	10,163,322
Hill-Rom Services, Inc	Bed-Based Safety Protocol Control	Application	7/13/2018	16/034,501		
Hill-Rom Services, Inc	Bed-Based Safety Protocol Control	Granted	7/13/2018	16/034,501	2/18/2020	10,561,549
Hill-Rom Services, Inc	Dynamic foam mattress adapted for use with a variable Length hospital bed	Granted	7/18/2018	16/038,253	6/15/2021	11,033,117

Hill-Rom Services, Inc	Incontinence Detection Pad Validation Apparatus and Method (CIP of 39722)	Granted	7/20/2018	16/040,816	5/19/2020	10,653,567
Hill-Rom Services, Inc	Self-Compensating Bed Scale System for Removable Components CON of 39115)	Granted	7/26/2018	16/046,046	5/26/2020	10,660,544
Hill-Rom Services, Inc	Systems For Monitoring Wounds And Wound Dressing Status And Systems For Protecting Wounds	Application	7/27/2018	16/047,412		
Hill-Rom Services, Inc	Hospital Bed Having Wired and Wireless Network Connectivity (CON of 39932)	Granted	8/7/2018	16/056,785	5/7/2019	10,278,582
Hill-Rom Services, Inc	Actuated Graduated Lateral Rotation Apparatus	Granted	8/17/2018	16/104,379	8/17/2021	11,090,208
Hill-Rom Services, Inc	RFID Tag Inlay For Incontinence Detection Pad	Granted	8/23/2018	16/110,603	7/21/2020	10,716,715

Hill-Rom Services, Inc	Devices, Systems, And Methods For Monitoring Wounds	Granted	9/4/2018	16/120,937	11/2/2021	11,160,491
Hill-Rom Services, Inc	Wireless Sensors in Medical Environments	Granted	9/4/2018	16/120,679	7/28/2020	10,727,956
Hill-Rom Services, Inc	Wireless Bed Power (From PCT N21-37360)	Granted	9/5/2018	16/122,013	3/2/2021	10,938,446
Hill-Rom Services, Inc	Caregiver And Staff Information System	Granted	9/27/2018	16/143,971	3/23/2021	10,957,445
Hill-Rom Services, Inc	Selectable control valves and inflatable mattress systems comprising the same	Granted	10/1/2018	16/148,027	3/30/2021	10,959,536
Hill-Rom Services, Inc	Apparatus for Adding Hospital Bed Functionality to an At-Home Bed	Granted	10/2/2018	16/149,306	7/27/2021	11,071,393
Hill-Rom Services, Inc	Person Support Apparatus Having Physiological Sensor (CON of 39902)	Application	10/2/2018	16/149,400		

Hill-Rom Services, Inc	Person Support Apparatus Having Physiological Sensor	Granted	10/2/2018	16/149,400	3/10/2020	10,583,058
Hill-Rom Services, Inc	Patient support with an air permeable layer and a support layer, with inflation and deflation of the support layer controlled in response to pressure sensed at a pressure sensing layer	Granted	10/2/2018	16/149,251	6/30/2020	10,695,247
Hill-Rom Services, Inc	Underbody warming system with focal cooling	Application	10/23/2018	16/167,744		
Hill-Rom Services, Inc	Modular Turn Assist Apparatus And Method Therefor	Granted	10/23/2018	16/167,698	9/7/2021	11,109,799
Hill-Rom Services, Inc	Siderail Power Communication Interface	Granted	11/9/2018	16/185,074	4/27/2021	10,987,263
Hill-Rom Services, Inc	Braking and Steering System for a Mobile Support	Application	11/12/2018	16/186,782		

Hill-Rom Services, Inc	Hospital Bed Computer System (CON of 39002)	Granted	11/21/2018	16/198,122	8/13/2019	10,381,116
Hill-Rom Services, Inc	Incontinence Detection Pad Manufacturing Method (CON of N1-39940) (N1-40651)	Granted	11/28/2018	16/202,672	12/10/2019	10,500,105
Hill-Rom Services, Inc	Method And Apparatus For Applying Machine Learning To Classify Patient Movement From Load Signals	Application	12/18/2018	16/224,020		
Hill-Rom Services, Inc	Patient Fall Monitoring in Bathroom in a Healthcare Facility	Granted	12/27/2018	16/233,413	4/21/2020	10,629,049
Hill-Rom Services, Inc	Surface End of Life Detection Using Radar	Granted	1/4/2019	16/239,866	2/9/2021	10,912,693
Hill-Rom Services, Inc	Historical Identification and Accuracy Compensation for Problem Areas in a Locating System	Granted	2/11/2019	16/272,063	12/8/2020	10,861,598

Hill-Rom Services, Inc	Foam Surface End of Life Indication	Granted	2/25/2019	16/284,569	9/1/2020	10,758,440
Hill-Rom Services, Inc	Patient Support Surface Control, End of Life Indication, and X-Ray Cassette Sleeve	Application	2/26/2019	16/285,608		
Hill-Rom Services, Inc	Method of Hospital Bed Network Connectivity (CON of N1-40479)	Application	3/18/2019	16/356,529		
Hill-Rom Services, Inc	Method of Hospital Bed Network Connectivity	Granted	3/18/2019	16/356,529	2/4/2020	10,548,475
Hill-Rom Services, Inc	Apparatus for the Detection of Moisture (CON of 40372)	Granted	3/19/2019	16/357,694	6/16/2020	10,682,263
Hill-Rom Services, Inc	Dynamic Apnea Therapy Surface (DIV of 38806)	Granted	4/2/2019	16/372,721	5/18/2021	11,007,097
Hill-Rom Services, Inc	Patient Risk Assessment Based on Data from Multiple Sources in a Healthcare Facility	Application	4/4/2019	16/374,820		



Hill-Rom Services, Inc	Patient Support Apparatus (CON of 37934)	Abandoned	4/8/2019	16/377,520		
Hill-Rom Services, Inc	Incontinence Detection System with Spatially and Temporally Varying Interrogation Signals	Granted	4/30/2019	16/398,457	3/30/2021	10,959,659
Hill-Rom Services, Inc	Distributed Healthcare Communication System (CON 39519)	Granted	4/30/2019	16/398,775	5/5/2020	10,638,983
Hill-Rom Services, Inc	Communication Console	Granted	5/14/2019	29/691,116	7/20/2021	D,925,517
Hill-Rom Services, Inc	Patient Support Apparatus Adaptable to Multiple Modes of Transport	Application	5/16/2019	16/413,830		
Hill-Rom Services, Inc	Detection of Nursing Concerns of Patient Deterioration	Granted	5/24/2019	16/421,546	2/16/2021	10,922,944

Hill-Rom Services, Inc	Width Adjustable Person Support System With Dual Inboard Mounted Motors And Proximate, Directly Driven Extension Wings (Con of 39800)	Granted	5/28/2019	16/423,435	10/13/2020	10,799,407
Hill-Rom Services, Inc	Systems For Recognizing Temperature As A Sign Of Surgical Infection And Methods Of Using The Same	Application	6/5/2019	16/432,278		
Hill-Rom Services, Inc	Discriminating Patient Care Communications System (From 39679)	Application	6/7/2019	16/434,544		
Hill-Rom Services, Inc	Voice Recognition for Patient Care Environment	Granted	6/11/2019	16/437,064	7/13/2021	11,062,707
Hill-Rom Services, Inc	Patient Bed Having Head-of-Bed Lockout and Stay-in-Bed Indicator (CON of 38171)	Application	6/25/2019	16/451,359		

Hill-Rom Services, Inc	Skin Injury Resistant Occupant Support Structures and Methods for Resisting Skin Injuries	Application	6/27/2019	16/454,445		
Hill-Rom Services, Inc	Patient Risk Assessment Based on Data from Multiple Sources in a Healthcare Facility	Application	6/28/2019	16/456,712		
Hill-Rom Services, Inc	Apparatus and Method For Updating Software In A Patient Support Apparatus Using A Memory Toggle	Application	7/3/2019	16/502,111		
Hill-Rom Services, Inc	Apparatus and Method For Updating Software In A Patient Support Apparatus Using A Memory Toggle	Application	7/3/2019	16/502,111		
Hill-Rom Services, Inc	Portable, Low Cost Incontinence Detection System and Kit	Application	7/8/2019	16/504,654		

Hill-Rom Services, Inc	Patient Support System and Methods Of Use	Granted	7/17/2019	16/513,872	9/14/2021	11,116,681
Hill-Rom Services, Inc	Patient Support System And Methods Of Use (CON of 38981)	Application	7/17/2019	16/513,872		
Hill-Rom Services, Inc	Multi-Alert Lights For Hospital Bed (CON of 39771)	Granted	7/17/2019	16/513,791	12/24/2019	10,512,574
Hill-Rom Services, Inc	Multi-Alert Lights For Hospital Bed (CON of 39771)	Granted	7/17/2019	16/513,791	12/24/2019	10,512,574
Hill-Rom Services, Inc	Systems for Patient Turn Detection and Confirmation	Application	7/30/2019	16/526,347		
Hill-Rom Services, Inc	Systems for Patient Turn Detection and Confirmation	Application	7/30/2019	16/526,347		
Hill-Rom Services, Inc	Patient Support Having Powered Adjustable Width (Re-Exam of 17054)	Application	8/6/2019	90/014,357		

Hill-Rom Services, Inc	Patient Support Having Powered Adjustable Width (Re-exam of 20456)	Application	8/6/2019	90/014,358		
Hill-Rom Services, Inc	Systems and Methods for EMR Vitals Charting	Application	8/8/2019	16/535,303		
Hill-Rom Services, Inc	Systems and Methods for EMR Vitals Charting	Application	8/8/2019	16/535,303		
Hill-Rom Services, Inc	Apparatus and Methods for Determining and Responding to the Location, Orientation, and Respiration of a Person	Application	8/12/2019	16/537,963		
Hill-Rom Services, Inc	Apparatus and Methods for Determining and Responding to the Location, Orientation, and Respiration of a Person	Application	8/12/2019	16/537,963		

Hill-Rom Services, Inc	System and Method for Caregiver Shift Change	Application	8/14/2019	16/540,202		
Hill-Rom Services, Inc	System and Method for Caregiver Shift Change	Application	8/14/2019	16/540,202		
Hill-Rom Services, Inc	Method and Apparatus for Responding to the Presence of a Communicable Condition	Application	8/19/2019	16/543,911		
Hill-Rom Services, Inc	System and Method for Incentivizing and Quantifying Patient Mobility	Application	8/28/2019	16/553,271		
Hill-Rom Services, Inc	Methods And Apparatuses For Controlling Angular Orientations Of A Person Support Apparatus (DIV of 39201)	Granted	8/28/2019	16/553,272	9/7/2021	11,112,761
Hill-Rom Services, Inc	Percussion Therapy Apparatus Having Eccentric Motors	Application	8/28/2019	16/553,541		

Hill-Rom Services, Inc	Person Support Apparatus With Ingress/Egress Assist (DIV of 39202))	Granted	8/28/2019	16/554,021	9/28/2021	11,129,482
Hill-Rom Services, Inc	Flow Control Apparatus (DIV of 39537)	Granted	8/28/2019	29/703,555	3/10/2020	D877,859
Hill-Rom Services, Inc	Patient Turning System	Application	8/29/2019	16/554,815		
Hill-Rom Services, Inc	Obstacle Detection IR Beam Filter	Application	9/4/2019	16/559,731		
Hill-Rom Services, Inc	Matress Support For Adding Hospital Bed Functionality To An In-Home Bed	Application	9/26/2019	16/583,315		
Hill-Rom Services, Inc	Structures For Causing Movement Of Elements Of A Bed	Application	9/26/2019	16/583,325		
Hill-Rom Services, Inc	Matress Support for Adding Hospital Bed Modular Control System For Upgrading a Bed To Include Movable Components	Application	9/26/2019	16/583,334		

Hill-Rom Services, Inc	Patient Care System For A Home Environment	Application	9/26/2019	16/583,348		
Hill-Rom Services, Inc	Method And Apparatus For Upgrading A Bed To Include Moveable Components	Application	9/26/2019	16/583,353		
Hill-Rom Services, Inc	Method And Apparatus For Upgrading A Bed To Include Moveable Components	Application	9/26/2019	16/583,359		
Hill-Rom Services, Inc	Temperature Monitoring Systems And Methods For Determining A Change In Temperature Of Target Areas	Application	10/1/2019	16/589,173		
Hill-Rom Services, Inc	Patient Bed Having Footboard Pedal Apparatus for Physical Therapy	Granted	10/11/2019	16/599,682	12/29/2020	10,874,567
Hill-Rom Services, Inc	Dome Light	Application	10/14/2019	29/709,388		



Hill-Rom Services, Inc	Universal Interface Operable with Multiple Patient Support Apparatuses	Application	10/16/2019	16/654,252		
Hill-Rom Services, Inc	A System for Adjusting the Configuration of a Patient Support Apparatus	Application	10/17/2019	16/655,415		
Hill-Rom Services, Inc	Energy Harvesting to Power Stretcher Electronics	Application	10/22/2019	16/659,696		
Hill-Rom Services, Inc	Identification of Device Location in Healthcare Facility	Granted	10/31/2019	16/669,856	3/23/2021	10,958,311
Hill-Rom Services, Inc	Patient Support Apparatus Having an Integrated Limb Compression Device (CON of 39651)	Granted	11/1/2019	16/671,598	3/23/2021	10,952,920
Hill-Rom Services, Inc	Patient Risk Assessment Based on Data from Multiple Sources in a Healthcare Facility	Application	11/5/2019	16/674,735		

Hill-Rom Services, Inc	Caregiver Locating Tag Having Advanced Functionality	Granted	11/8/2019	16/678,568	8/4/2020	10,734,110
Hill-Rom Services, Inc	Systems and Methods for Determining Subject Positioning and Vital Signs	Application	11/11/2019	16/679,442		
Hill-Rom Services, Inc	Foot End Alert Display for Hospital Bed (CON of 41002)	Granted	11/11/2019	16/679,399	7/14/2020	10,709,625
Hill-Rom Services, Inc	Systems and Methods for Determining an Objective Pressure Injury Score and Altering a Treatment Plan Based on the Same	Application	11/13/2019	16/682,792		
Hill-Rom Services, Inc	Adaptable Mattress	Granted	11/19/2019	16/688,216	3/23/2021	10,952,540
Hill-Rom Services, Inc	System and Method for Caregiver availability Determination.	Granted	11/26/2019	16/695,573	2/9/2021	10,916,119

Hill-Rom Services, Inc	Method of Predicting and Mitigating Adverse Events (CON of 38949)	Granted	12/3/2019	16/701,196	8/3/2021	11,081,221
Hill-Rom Services, Inc	Customized Bed Exit Warnings To Modify Patient Behavior (From PROV 38648)	Application	12/6/2019	16/705,507		
Hill-Rom Services, Inc	Bed-Based Safety Protocol Control	Granted	12/12/2019	16/712,233	4/28/2020	10,632,033
Hill-Rom Services, Inc	Healthcare Communication Method Having Configurable Alarm Rules (CON of N1-40826)	Granted	12/20/2019	16/722,566	4/13/2021	10,978,191
Hill-Rom Services, Inc	Identification of Device Location in Healthcare Facility	Granted	12/20/2019	16/722,573	7/27/2021	11,071,454
Hill-Rom Services, Inc	Patient Support Apparatus (Comprehensive Genesis Filing)	Granted	12/26/2019	16/727,136	10/5/2021	11,135,110
Hill-Rom Services, Inc	Bed Having a Housekeeping Request Button (CON of 39435)	Granted	1/10/2020	16/739,486	1/5/2021	10,886,024
Hill-Rom Services, Inc	Foot Zone of a Mattress	Application	1/15/2020	16/743,008		

Hill-Rom Services, Inc	Skin Dressing Having Sensor for Pressure Ulcer Prevention	Application	1/15/2020	16/743,089		
Hill-Rom Services, Inc	Bed Interface for Manual Location	Application	1/15/2020	16/743,340		
Hill-Rom Services, Inc	Method for Optimizing Skin Cooling Level of an Occupant Support Surface	Application	2/5/2020	16/782,257		
Hill-Rom Services, Inc	User Interface for Hospital Bed (CON of 40056)	Granted	2/5/2020	16/782,393	11/30/2021	11,185,454
Hill-Rom Services, Inc	Identification of Device Location in Healthcare Facility	Granted	2/7/2020	16/784,405	5/25/2021	11,013,418
Hill-Rom Services, Inc	Oblique Hinged Panels and Bladder Apparatus for Sleep Disorders	Granted	2/11/2020	16/787,331	3/30/2021	10,959,534
Hill-Rom Services, Inc	Medical Equipment Status Indicator	Application	2/19/2020	16/794,899		
Hill-Rom Services, Inc	Patient Support Apparatus Having Vital Signs and Sepsis Display Apparatus	Application	2/20/2020	16/795,666		

Hill-Rom Services, Inc	Mattress System	Application	2/20/2020	16/795,879		
Hill-Rom Services, Inc	Powered Width Expansion of Articulated Bed Deck (CON of 39911)	Application	2/24/2020	16/798,626		
Hill-Rom Services, Inc	Patient Fall Likelihood and Severity	Application	3/9/2020	16/812,808		
Hill-Rom Services, Inc	Patient Fall Likelihood	Application	3/9/2020	16/812,982		
Hill-Rom Services, Inc	Bathroom Monitoring in a Healthcare Facility	Granted	3/17/2020	16/821,231	6/8/2021	11,030,874
Hill-Rom Services, Inc	Patient Bed Having Exercise Therapy Apparatus	Application	3/18/2020	16/822,091		
Hill-Rom Services, Inc	Methods and Apparatus for Detecting Position of a Liquid	Application	3/19/2020	16/823,889		
Hill-Rom Services, Inc	Patient Support Apparatus with Integrated Patient Therapy Device	Application	3/25/2020	16/829,475		
Hill-Rom Services, Inc	Patient Support Apparatus With Integrated Patient Therapy	Application	3/25/2020	16/829,507		

Hill-Rom Services, Inc	Control System for a Patient Therapy Device	Application	3/25/2020	16/829,576		
Hill-Rom Services, Inc	A User Interface for a Patient Support Apparatus with Integrated Patient Therapy Device	Application	3/25/2020	16/829,637		
Hill-Rom Services, Inc	Method and Apparatus for Indicating Continence State of a Patient on a Bed	Application	3/27/2020	16/831,926		
Hill-Rom Services, Inc	Distributed Healthcare Communication System (CON 40890)	Granted	4/6/2020	16/841,009	7/13/2021	11,058,368
Hill-Rom Services, Inc	Patient Support Apparatus Transport Handle	Application	5/29/2020	16/888,204		
Hill-Rom Services, Inc	Incontinence Detection Pad with Liquid Filter Layer	Granted	6/2/2020	16/889,903	6/1/2021	11,020,284
Hill-Rom Services, Inc	Mattress Support	Application	6/2/2020	16/890,418		

Hill-Rom Services, Inc	Foot End Alert Display for Hospital Bed (CON of 41268 CON of 41002)	Granted	6/10/2020	16/897,546	2/16/2021	10,918,546
Hill-Rom Services, Inc	Patient Support Apparatus Tracking System	Application	6/18/2020	16/904,644		
Hill-Rom Services, Inc	Wireless Sensors in Medical Environments	Granted	6/18/2020	16/905,101	5/11/2021	11,005,575
Hill-Rom Services, Inc	Positionable Projections for a Patient Support Apparatus	Application	6/22/2020	16/907,645		
Hill-Rom Services, Inc	Systems and Methods for Completing Accepted Alerts	Application	6/22/2020	16/908,314		
Hill-Rom Services, Inc	Hybrid Air and Foam Mattress with Detachable Air Unit	Application	6/25/2020	16/911,456		
Hill-Rom Services, Inc	Falls Reporting	Application	6/25/2020	16/911,486		
Hill-Rom Services, Inc	Falls Risk Management	Application	6/25/2020	16/911,498		
Hill-Rom Services, Inc	Exit Monitoring System for Patient Support Apparatus	Application	6/26/2020	16/913,158		

Hill-Rom Services, Inc	Assessing Sepsis Risk Based on Dwell Times of Invasive Devices	Application	6/30/2020	16/917,561		
Hill-Rom Services, Inc	Vital Sign Monitors for Inpatient Medicine Wards	Application	7/1/2020	16/918,904		
Hill-Rom Services, Inc	Patient Baselines, visualization, and hand-offs	Application	7/7/2020	16/922,450		
Hill-Rom Services, Inc	Security Latch for User Interface Housing (From 40831)	Application	7/8/2020	16/923,341		
Hill-Rom Services, Inc	Data Capture from Disparate Medical Devices	Application	7/9/2020	16/946,866		
Hill-Rom Services, Inc	Pneumatic System Blockage Detection	Application	7/13/2020	16/926,958		
Hill-Rom Services, Inc	Bed Interface for Manual Location	Application	7/16/2020	16/930,427		
Hill-Rom Services, Inc	Automated orthostatic hypotension assessment	Application	7/22/2020	16/935,678		



Hill-Rom Services, Inc	Head Extension and Transport Handle System	Application	7/23/2020	16/936,584		
Hill-Rom Services, Inc	Adverse Event Mitigation Systems, Methods, and Devices (Con of N1-38696) (CIP of N1-37558)	Application	7/31/2020	16/944,348		
Hill-Rom Services, Inc	Ultra-Wideband Locating Systems and Methods	Application	7/31/2020	16/944,926		
Hill-Rom Services, Inc	Technologies for Efficiently Tracking the Location of a Patient Bed	Application	8/13/2020	16/992,802		
Hill-Rom Services, Inc	Sepsis Monitoring System	Application	8/21/2020	16/999,315		
Hill-Rom Services, Inc	Flexible Mesh Network for Locating Assets in a Clinical Environment	Application	8/26/2020	17/003,890		
Hill-Rom Services, Inc	Modular Location Engine for Tracking the Locations of Assets in a Clinical Environment	Application	8/26/2020	17/003,930		

Hill-Rom Services, Inc	Patient Management Based on Sensed Inputs	Application	8/28/2020	17/005,935		
Hill-Rom Services, Inc	Intelligent Location Estimation for Assets in Clinical Environments	Application	8/28/2020	17/006,099		
Hill-Rom Services, Inc	Absorbant Liquid Measurement Article	Application	9/2/2020	17/010,142		
Hill-Rom Services, Inc	System and Method for Locating Equipment in a Healthcare Facility	Application	9/9/2020	17/015,209		
Hill-Rom Services, Inc	Personalized Vital Signs Monitors	Application	9/11/2020	17/018,859		
Hill-Rom Services, Inc	"Mattress Bladder Control Using a Bleed Valve (CON of N1 39973)	Application	9/18/2020	17/024,858		
Hill-Rom Services, Inc	Incontinence detection with real time location information	Application	9/22/2020	17/027,881		

Hill-Rom Services, Inc	Method of Roll-to-Roll Digital Printing, Cutting, and Punching of Medical Device Surfaces	Application	9/22/2020	17/028,270		
Hill-Rom Services, Inc	Patient Support System Control Using RADAR	Application	9/25/2020	17/032,275		
Hill-Rom Services, Inc	WIRELESSLY CHARGED PATIENT SUPPORT APPARATUS SYSTEM	Expired	10/2/2020	63/086,666		
Hill-Rom Services, Inc	Person Support Apparatus Having Exercise Therapy Features	Application	10/2/2020	17/061,925		
Hill-Rom Services, Inc	Bed-Based Ballistocardiogram Apparatus and Method	Expired	10/2/2020	63/086,724		
Hill-Rom Services, Inc	WOUND HEALING ANALYSIS AND TRACKING	Expired	10/5/2020	63/087,605		
Hill-Rom Services, Inc	User Module for a Patient Support Apparatus (Con of N1 40015)	Application	10/15/2020	17/071,189		

Hill-Rom Services, Inc	FASTENER	Application	10/23/2020	29/755,961		
Hill-Rom Services, Inc	Proming-Frame-For-A Patient-Bed	Expired	10/23/2020	63/105,088		
Hill-Rom Services, Inc	Proming-Frame-For-A Patient-Bed	Expired	10/23/2020	63/105,094		
Hill-Rom Services, Inc	MANAGING CAREGIVER MESSAGES	Expired	11/4/2020	63/109,464		
Hill-Rom Services, Inc	-Access-To-Multiple Caregiver-Information Systems	Expired	11/4/2020	63/109,499		
Hill-Rom Services, Inc	Remote-Engagement and-Management-of Patient-Environment	Expired	11/4/2020	63/109,585		
Hill-Rom Services, Inc	Wireless-Link-Pairing Authentication	Expired	11/6/2020	63/110,689		
Hill-Rom Services, Inc	Historical Identification and Accuracy Compensation for Problem Areas in a Locating System (Con of 10620.USU1)	Granted	11/6/2020	17/091,046	10/19/2021	11,152,111

Hill-Rom Services, Inc	Hospital Bed Having Rounding Checklist (CON of 23086) (CON of N1 39465)	Application	11/9/2020	17/092,462		
Hill-Rom Services, Inc	Rotary Plate Valve Having Seal Anti-Herniation Structure	Application	11/9/2020	17/092,455		
Hill-Rom Services, Inc	Automated Mobility Assessment	Application	11/18/2020	16/951,486		
Hill-Rom Services, Inc	Hospital Bed Having Turn Assist Panels- (CON of N1 41224)	Application	11/23/2020	17/101,174		
Hill-Rom Services, Inc	Micro-Movement And Gesture Detection Using Radar	Application	11/24/2020	17/102,683		
Hill-Rom Services, Inc	Port For An Internal Air-Distribution System Of A Patient Support Surface	Expired	11/25/2020	63/418,248		

Hill-Rom Services, Inc	Intelligent Location Estimation for Assets in Clinical Environments	Application	12/3/2020	17/111,075		
Hill-Rom Services, Inc	Patient Bed Exit Prediction	Application	12/3/2020	17/110,892		
Hill-Rom Services, Inc	Technologies for Inferring a Patient Condition Using Machine Learning	Application	12/3/2020	17/110,600		
Hill-Rom Services, Inc	Wireless Bed and Surface Locating System (Con of N1 41464)	Application	12/7/2020	17/113,201		
Hill-Rom Services, Inc	Technologies For Managing Caregiver Call Requests Via Short Message Service	Application	12/14/2020	63/124,993		
Hill-Rom Services, Inc	Pairable Devices And Systems And Methods For Providing Assisted Pairing Of Devices To Particular Locations	Application	12/18/2020	63/127,629		

Hill-Rom Services, Inc	Patient Management Based on Sensed Activities	Application	12/18/2020	17/247,638		
Hill-Rom Services, Inc	Contactless Patient Monitoring System With Automatic Image Improvement	Application	12/30/2020	63/132,004		
Hill-Rom Services, Inc	Patient Movement Detection And Communication	Application	12/30/2020	63/131,821		
Hill-Rom Services, Inc	Monitoring System For Pressure Injury	Application	12/30/2020	63/131,851		
Hill-Rom Services, Inc	Virtual Signage Using Augmented Reality Or Mixed Reality	Application	12/31/2020	63/132,660		
Hill-Rom Services, Inc	Technologies for Determining a Condition of a Patient Using LC Resonator Data	Application	1/4/2021	17/140,545		
Hill-Rom Services, Inc	Associating a Patient with a Device	Application	1/7/2021	17/143,478		

Hill-Rom Services, Inc	Multi-Alert Lights For Hospital Bed (CON of N1 42155)	Application	1/7/2021	17/143,264		
Hill-Rom Services, Inc	Dashboards For Clinical Workflow And Patient Handoff Assistance	Application	1/19/2021	63/139,280		
Hill-Rom Services, Inc	Respiration Detection using Radar	Application	1/19/2021	17/151,889		
Hill-Rom Services, Inc	Machine Vision to Predict Clinical Patient Parameters	Application	1/20/2021	17/153,073		
Hill-Rom Services, Inc	Time-Based Wireless Pairing Between A Medical Device And A Wall Unit	Application	1/22/2021	63/140,601		
Hill-Rom Services, Inc	Anticipating Patient Needs Associated With Toileting	Application	2/12/2021	63/149,156		
Hill-Rom Services, Inc	Bed Exit Prediction Based on Patient Behavior Patterns	Application	2/15/2021	17/175,917		



Hill-Rom Services, Inc	Caregiver And Staff Information System	Application	2/16/2021	17/176,234		
Hill-Rom Services, Inc	Wireless Bed Power (Con of N1 40483)	Application	2/23/2021	17/182,281		
Hill-Rom Services, Inc	Apparatus And Method For Discriminating Patient Movement On A Support Apparatus Between Self Movement And Assisted Movement	Application	2/26/2021	63/154,057		
Hill-Rom Services, Inc	Universal Load Cell Features That Characterize Patient Motion In Three Dimensions In A Hospital Bed	Application	2/26/2021	63/154,055		
Hill-Rom Services, Inc	Patient Monitoring System	Application	2/26/2021	63/154,300		
Hill-Rom Services, Inc	Bed-Based Ballistocardiogram Apparatus and Method	Application	3/2/2021	17/189,935		

Hill-Rom Services, Inc	Patient Body Monitoring Using Radar	Application	3/2/2021	17/189,537		
Hill-Rom Services, Inc	Proning Frame For A Patient Bed	Application	3/3/2021	63/155,821		
Hill-Rom Services, Inc	Proning Frame Headrest Tilt Indicators	Application	3/3/2021	63/155,827		
Hill-Rom Services, Inc	Oblique Hinged Panels and Bladder Apparatus for Sleep Disorders (Con of 10859,USU1)	Application	3/4/2021	17/191,884		
Hill-Rom Services, Inc	Monitoring A Condition OF A Subject (Con of 11511,USC11)	Application	3/8/2021	17/194,879		
Hill-Rom Services, Inc	Incontinence detection system	Application	3/8/2021	17/195,023		
Hill-Rom Services, Inc	Technologies For Performing Dynamic Alert Management To Reduce Caregiver Fatigue	Application	3/10/2021	63/159,106		
Hill-Rom Services, Inc	Apparatus for the Detection of Moisture (CON of 40827) (Con of N1 41804)	Application	3/10/2021	17/197,391		

Hill-Rom Services, Inc	Hospital Bed Having Wireless Network Connectivity (CON of N1-40826)	Application	3/12/2021	17/199,862		
Hill-Rom Services, Inc	Patient Bed Having Active Motion Exercise	Application	3/18/2021	17/205,533		
Hill-Rom Services, Inc	Caregiver And Patient Family Communications	Application	3/19/2021	63/163,468		
Hill-Rom Services, Inc	Person Support Systems Including Separately Selectable Alternating Pressure Zones	Application	3/26/2021	63/166,796		
Hill-Rom Services, Inc	Remote Care Management	Application	3/26/2021	63/166,382		
Hill-Rom Services, Inc	Bed And Mattress Auto Settings For Intubation	Application	3/30/2021	63/167,791		
Hill-Rom Services, Inc	Mattress Bladder Forming A Planar Surface	Application	3/31/2021	63/169,148		
Hill-Rom Services, Inc	Wireless Power Distribution In Patient Support Surface	Application	3/31/2021	63/168,520		

Hill-Rom Services, Inc	Time-Based Wireless Pairing Between A Medical Device And A Wall Unit	Application	3/31/2021	63/168,371		
Hill-Rom Services, Inc	Hospital Bed CPR Activation Assembly	Application	3/31/2021	63/169,009		
Hill-Rom Services, Inc	Siderail Power Communication Interface (CON of 39253) (Con of N1 40577)	Application	3/31/2021	17/219,032		
Hill-Rom Services, Inc	Video Used To Estimate Viral Signs	Application	4/1/2021	63/169,734		
Hill-Rom Services, Inc	Mobility Sensing Using Load Cells	Application	4/8/2021	17/225,173		
Hill-Rom Services, Inc	Optimized Catheter Usage	Application	4/12/2021	63/173,671		
Hill-Rom Services, Inc	Surface Performance Detection and Reporting	Application	4/15/2021	63/175,071		
Hill-Rom Services, Inc	Bed/Room/Patient Association Systems and Methods (CON of 37679) (Con of N1 39978)	Application	4/22/2021	17/237,104		

Hill-Rom Services, Inc	Incontinence Detection Pad Having Redundant Electrical Paths to an RFID Tag (Con 10567.USU1) (Con of 10567.USC1)	Application	4/28/2021	17/242,352		
Hill-Rom Services, Inc	Wireless Location Learning	Application	5/5/2021	17/308,122		
Hill-Rom Services, Inc	Energy Harvesting For Wireless Subject Monitoring Sensor	Application	5/10/2021	63/186,361		
Hill-Rom Services, Inc	Preview Function for Continuous Lateral Rotation Therapy	Application	5/12/2021	17/318,419		
Hill-Rom Services, Inc	Enhanced Electronic Whiteboards For Clinical Environments	Application	5/14/2021	63/189,042		
Hill-Rom Services, Inc	Predicting Occupant Exit from Support Apparatus	Application	5/17/2021	17/322,031		

Hill-Rom Services, Inc	Incontinence Prediction Systems and Methods	Application	5/26/2021	17/330,481		
Hill-Rom Services, Inc	Time-Based Wireless Pairing Between A Medical Device And A Wall Unit	Application	5/27/2021	63/193,680		
Hill-Rom Services, Inc	Distributed Healthcare Communication Method (Con of N1 41805)	Application	6/9/2021	17/342,894		
Hill-Rom Services, Inc	Communication Console (Con of 10708.USF1)	Application	6/11/2021	29/794,381		
Hill-Rom Services, Inc	Dynamic foam mattress adapted for use with a variable Length hospital bed (Con of 10509.USU1)	Application	6/14/2021	17/347,078		
Hill-Rom Services, Inc	3 Mode Patient Chair Exit Sensing	Application	6/22/2021	63/213,318		
Hill-Rom Services, Inc	Voice Recognition for Patient Care Environment (Con of 10594.USU1)	Application	6/23/2021	17/355,416		

Hill-Rom Services, Inc	Remote Diagnostics for Patient Beds	Application	6/28/2021	63/215,612		
Hill-Rom Services, Inc	Monitoring of Patient Supports (From PROV 38458)	Application	6/28/2021	17/360,382		
Hill-Rom Services, Inc	Manifold Assembly For Pneumatic System	Application	6/30/2021	63/216,591		
Hill-Rom Services, Inc	Estimation of Tidal Volume Using Load Cells on a Hospital Bed	Application	6/30/2021	63/216,798		
Hill-Rom Services, Inc	Patient Scheduling and Supply Management	Application	7/13/2021	63/203,211		
Hill-Rom Services, Inc	Image-Based Risk Analysis Of Individuals In Clinical Settings	Application	7/15/2021	63/222,222		
Hill-Rom Services, Inc	Therapeutic Technique Using Electrical Impedance Spectroscopy	Application	7/20/2021	17/443,065		
Hill-Rom Services, Inc	Cable-free bed with Wireless Pillow Speaker	Application	7/23/2021	17/383,488		

Hill-Rom Services, Inc	Bracket Assemblies Including Restraint Brackets For Person Support Apparatuses And Person Support Apparatuses Comprising The Same	Application	7/26/2021	63/225,593		
Hill-Rom Services, Inc	Flexible Overhead Arm	Application	7/30/2021	17/389,790		
Hill-Rom Services, Inc	Heat Exchange System For Patient Support Surface	Application	8/2/2021	63/228,353		
Hill-Rom Services, Inc	Modular Turn Assist Apparatus And Method Therefor (Con of 10531.USU1)	Application	8/5/2021	17/394,891		
Hill-Rom Services, Inc	System and Method for Identification of Remotely Accessed Patient Device	Application	8/6/2021	17/395,515		
Hill-Rom Services, Inc	Mattress Cover Sensor Method (Con of N1 39194)	Application	8/10/2021	17/398,312		



Hill-Rom Services, Inc	Techniques For Three-Dimensional Analysis Of Spaces	Application	8/12/2021	63/232,623		
Hill-Rom Services, Inc	Fabric For Patient Monitoring	Application	8/13/2021	63/233,020		
Hill-Rom Services, Inc	Time-Based Wireless Pairing Between A Medical Device And A Wall Unit	Application	8/13/2021	63/232,737		
Hill-Rom Services, Inc	Patient Request System Having Patient Falls Risk Notification And Caregiver Notes Access	Application	8/13/2021	63/232,697		
Hill-Rom Services, Inc	Managing Caregiver Communications	Application	8/19/2021	63/234,777		
Hill-Rom Services, Inc	Patient Monitoring System	Application	8/23/2021	63/235,912		

Hill-Rom Services, Inc	Technologies For Efficiently Producing Documentation From Voice Data In A Healthcare Facility	Application	8/23/2021	63/236,104		
Hill-Rom Services, Inc	Enhanced Image-Based Tracking In Clinical Environments	Application	8/26/2021	63/237,507		
Hill-Rom Services, Inc	Image-Based Pairing And Controlling Of Devices In A Clinical Environment	Application	8/26/2021	63/237,499		
Hill-Rom Services, Inc	Voice Control in a Healthcare Facility	Application	8/26/2021	17/412,788		
Hill-Rom Services, Inc	Bed Scale Noise Compensation Using A Reference Transducer	Application	8/31/2021	63/238,937		
Hill-Rom Services, Inc	Patient Mobility Classification	Application	8/31/2021	63/238,817		
Hill-Rom Services, Inc	Proning Frame For A Patient Bed	Application	8/31/2021	17/462,272		
Hill-Rom Services, Inc	Proning Frame For A Patient Bed	Application	8/31/2021	17/462,295		

Hill-Rom Services, Inc	Incontinence Detection Systems For Hospital Beds (From PCT) (Con of N1 40277)	Application	9/17/2021	17/478,114		
Hill-Rom Services, Inc	Method Of Historical Identification And Accuracy Compensation For Problem Areas In A Locating System	Application	9/17/2021	17/477,899		
Hill-Rom Services, Inc	Systems and Methods For Peer-To-Peer Automatic Software Updates	Application	9/28/2021	63/249,136		
Hill-Rom Services, Inc	Automatically Identifying Pressure Injuries	Application	9/28/2021	17/487,663		
Hill-Rom Services, Inc	Wirelessly Charged Patient Support Apparatus System	Application	9/30/2021	17/490,688		
Hill-Rom Services, Inc	Patient Support Apparatus (Con of N1 41003)	Application	10/4/2021	17/492,870		

Hill-Rom Services, Inc	Wound Healing Analysis And Tracking	Application	10/5/2021	17/494,091		
Hill-Rom Services, Inc	Patient Support Apparatus With A Hydraulic Lift Having Powered And Manual Modes	Application	10/6/2021	63/252,853		
Hill-Rom Services, Inc	Systems And Methods For Monitoring Caregiver Burnout Risk	Application	10/7/2021	63/253,245		
Hill-Rom Services, Inc	Person Support Surfaces Including Set By Preview Function For Continuous Lateral Rotation Therapy	Application	10/14/2021	63/255,500		
Hill-Rom Services, Inc	Adaptive Patient Monitoring System For Bed Exit	Application	10/14/2021	63/255,604		
Hill-Rom Services, Inc	Person Support Systems And Methods Including A Proning Mode	Application	10/15/2021	63/256,263		

Hill-Rom Services, Inc	Monitoring A Sleeping Subject (Con of 11518.USC1 (WO11))	Application	10/18/2021	17/503,598		
Hill-Rom Services, Inc	Person Support Systems And Methods Including A Proning Mode	Application	10/21/2021	63/270,074		
Hill-Rom Services, Inc	Speech Recognition For Healthcare Communications	Application	10/26/2021	63/263,047		
Hill-Rom Services, Inc	Remote Management of Patient Environment	Application	11/2/2021	17/453,227		
Hill-Rom Services, Inc	Managing Caregiver Messages	Application	11/2/2021	17/453,273		
Hill-Rom Services, Inc	Access To Multiple Caregiver Information Systems	Application	11/2/2021	17/453,246		
Hill-Rom Services, Inc	Wireless Link Pairing Authentication	Application	11/2/2021	17/517,357		
Hill-Rom Services, Inc	User Interface for Hospital Bed (CON of 40056)	Application	11/4/2021	17/518,959		

Hill-Rom Services, Inc	Patient Support Apparatus Having Vital Signs Monitoring and Alerting (Con. of N1 39687)	Application	11/15/2021	17/526,223		
Hill-Rom Services, Inc	Authorization System For Integrated Feature Of Support Apparatus	Application	11/19/2021	63/281,120		
Hill-Rom Services, Inc	Port For An Internal Air Distribution System Of A Patient Support Surface	Application	11/24/2021	17/534,534		
Hill-Rom Services, Inc	Wireless Power and Charging of Patient Support from Bed	Application	12/1/2021	63/284,965		
Hill-Rom Services, Inc	Technologies For Managing Caregiver Call Requests Via Short Message Service	Application	12/2/2021	17/540,308		
Hill-Rom Services, Inc	Patient Movement Detection And Communication	Application	12/3/2021	17/457,575		

Hill-Rom Services, Inc & Hill-Rom Inc	Hospital Bed (DIV)	Granted	3/7/2006	11/369,579	11/3/2009	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 Point-Of-Care Computer System (CON 12625)	Granted	2006-12-18	11/611,955	2010-03-16	7,679,520
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-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	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	Footboard with Linen Holder and Transport Shelf (From PROV 35087)	Granted	2012-01-23	13/355,658	2014-06-03	8,739,332

Hill-Rom Services, Inc	Patient Room and Bed Management Apparatus and System (CIP of 189989)	Granted	2010-02-24	12/711,912	2014-08-05	8,799,011
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	Person support apparatus	Granted	2012-11-12	14/356,041	2017-11-28	9,827,156
Welch Allyn, Inc.	Eye Viewing Device Comprising Eye Cup	Granted	2/14/2001	09/783,224	12/14/2004	6,830,347
Welch Allyn, Inc.	Patient Monitoring System	Granted	5/18/2001	09/860,340	1/24/2006	6,988,989
Welch Allyn, Inc.	Method and Apparatus for Monitoring Cardiac Patients for T-wave Alternans	Granted	7/13/2001	09/904,914	1/3/2006	6,983,183
Welch Allyn, Inc.	Sealed Probe Chamber for Thermometry Apparatus	Granted	3/4/2003	10/379,276	12/7/2004	6,827,488
Welch Allyn, Inc.	Protective Sheath for Illumination Assembly of a Disposable Vaginal Speculum	Granted	3/21/2003	10/393,848	7/25/2006	7,081,090



Welch Allyn, Inc.	Motion Management in a Fast Blood Pressure Measurement Device	Granted	7/14/2003	10/619,380	9/30/2008	7,429,245
Welch Allyn, Inc.	Thermometry Probe Calibration Method	Granted	10/10/2003	10/683,206	12/6/2005	6,971,790
Welch Allyn, Inc.	Switch Assembly for Thermometry Apparatus	Granted	10/20/2003	10/689,272	4/4/2006	7,021,824
Welch Allyn, Inc.	Apparatus and Method for Diagnosis of Optically Identifiable Ophthalmic Conditions	Granted	10/30/2003	10/697,454	5/4/2010	7,708,403
Welch Allyn, Inc.	Differentiating Acute Myocardial Infarction from other ECG Abnormalities	Granted	12/1/2003	10/725,174	12/27/2005	6,979,297
Welch Allyn, Inc.	Eye Viewing Device	Granted	6/10/2004	29/207,233	4/6/2010	D613,402
Welch Allyn, Inc.	Otoscope Tip Element and Related Method of Use	Granted	7/23/2004	10/897,455	4/8/2008	7,354,399
Welch Allyn, Inc.	Otoscope	Granted	7/23/2004	10/897,590	7/15/2008	7,399,275

Welch Allyn, Inc.	Probe Cover for Thermometry Apparatus	Granted	11/16/2004	10/989,631	8/11/2009	7,572,056
Welch Allyn, Inc.	Motivational Spirometry System and Method	Granted	3/14/2005	11/079,714	12/1/2009	7,625,345
Welch Allyn, Inc.	Mode Detection and Safety Monitoring in Blood Pressure Management	Granted	6/22/2005	11/158,773	6/5/2007	7,226,419
Welch Allyn, Inc.	Blood Pressure Measuring Apparatus	Granted	8/16/2005	11/205,302	9/27/2011	RE42,754
Welch Allyn, Inc.	Apparatus and Method of Diagnosis of Optically Identifiable Ophthalmic Conditions	Granted	9/13/2005	11/224,774	8/18/2009	7,575,321
Welch Allyn, Inc.	Patient Monitoring System	Granted	10/6/2005	11/244,992	6/24/2008	7,390,299
Welch Allyn, Inc.	Thermometry Probe Calibration Method	Granted	10/12/2005	11/248,492	8/14/2007	7,255,475
Welch Allyn, Inc.	Vital Signs Monitor	Granted	1/13/2006	11/795,301	1/13/2015	8,932,217
Welch Allyn, Inc.	Blood Pressure Measurement	Granted	2/6/2006	11/347,889	1/4/2011	7,862,514

Welch Allyn, Inc.	Medical Diagnostic Instruments	Granted	2/9/2006	11/350,576	3/2/2010	7,670,287
Welch Allyn, Inc.	An Ornamental Design for a Veterinary Orosopic Tip Element	Granted	3/10/2006	29/255,605	5/11/2010	D615,650
Welch Allyn, Inc.	Articulation Mechanism for a Vaginal Speculum	Granted	5/8/2006	11/913,426	2/19/2013	8,376,942
Welch Allyn, Inc.	Personal Status Physiological Monitor System and Architecture and Related Monitoring Methods	Granted	6/19/2006	11/455,368	4/7/2009	7,515,044
Welch Allyn, Inc.	Top Surface Portion of a Blood Pressure Cuff	Granted	6/28/2006	29/262,212	5/6/2008	D568,478
Welch Allyn, Inc.	Health Care Patient Status Event Processing and Reporting	Granted	7/27/2006	11/494,245	10/21/2008	7,439,856
Welch Allyn, Inc.	Orosopic Tip Element	Granted	8/2/2006	29/264,056	4/8/2008	D566,270
Welch Allyn, Inc.	Orosopic Instrument Head	Granted	8/2/2006	29/263,999	4/15/2008	D566,838

Welch Allyn, Inc.	Blood Pressure Bleed Valve Assembly	Granted	8/21/2006	11/507,238	11/29/2011	8,066,645
Welch Allyn, Inc.	Blood Pressure Measuring Apparatus	Granted	8/31/2006	11/513,608	9/17/2013	8,535,233
Welch Allyn, Inc.	Universal Port Adapter for Blood Pressure Measuring Apparatus and the Like	Granted	9/11/2006	29/265,870	8/26/2008	D575,871
Welch Allyn, Inc.	Air-Flow Transducer with Flow Resistor and Pressure-Compensating Element	Granted	9/22/2006	29/266,525	12/18/2007	D557,788
Welch Allyn, Inc.	Probe for Thermometry Apparatus Having Light Passage Features to Enable Safe Insertion	Granted	9/28/2006	11/528,743	2/3/2009	7,484,884
Welch Allyn, Inc.	Body Worn Physiological Sensor Device Having a Disposable Electrode Module	Granted	11/1/2006	11/591,619	7/3/2012	8,214,007
Welch Allyn, Inc.	Vaginal Speculum	Granted	11/7/2006	29/268,433	12/25/2007	D558,344

Welch Allyn, Inc.	Illumination Assembly	Granted	11/7/2006	29/268,467	11/25/2008	D581,566
Welch Allyn, Inc.	Multi-Purpose Connector for Blood Pressure Measurement Equipment	Granted	12/11/2006	11/636,823	3/2/2010	7,670,296
Welch Allyn, Inc.	Dynamic Barcode for Displaying Medical Data	Granted	12/22/2006	11/615,230	10/14/2008	7,434,724
Welch Allyn, Inc.	Network Performance Monitor	Granted	3/7/2007	11/683,252	6/5/2012	8,195,478
Welch Allyn, Inc.	Vaginal Speculum Assembly Having Portable Illuminator	Granted	3/30/2007	11/731,631	3/27/2012	8,142,352
Welch Allyn, Inc.	Charging Station for a Portable Illumination Assembly	Granted	3/30/2007	29/285,521	2/26/2008	D562,762
Welch Allyn, Inc.	Auxiliary Power Interface for a Portable Illuminator Assembly	Granted	3/30/2007	29/285,517	1/13/2009	D584,689
Welch Allyn, Inc.	Digital Oroscope	Granted	4/3/2007	29/278,585	8/18/2009	D598,545

Welch Allyn, Inc.	Methods and Apparatus for Quantifying the Risk of Cardiac Death using Exercise induced Heart Rate Recovery Metrics	Granted	4/10/2007	11/733,699	10/6/2015	9,149,195
Welch Allyn, Inc.	Electrical Adapter for Medical Diagnostic Instruments using LEDs as Illumination Sources	Granted	5/17/2007	11/804,136	12/2/2008	7,458,934
Welch Allyn, Inc.	Method to Ensure Life-Critical Data is Transported Effectively and Safely	Granted	5/18/2007	11/750,526	6/15/2010	7,738,386
Welch Allyn, Inc.	Digital Oscroscope	Granted	8/27/2007	11/845,512	11/29/2011	8,066,634
Welch Allyn, Inc.	Device Data Sheets and Data Dictionaries for a Dynamic Medical Object Information Base	Granted	10/4/2007	11/905,829	9/20/2011	8,024,421

Welch Allyn, Inc.	Communication of Information Between a Plurality of Network Elements	Granted	10/4/2007	11/905,811	3/19/2013	8,402,161
Welch Allyn, Inc.	Application Generator for a Dynamic Medical Object Information Base	Granted	10/4/2007	11/905,830	7/9/2013	8,484,612
Welch Allyn, Inc.	Dynamic Medical Object Information Base	Granted	10/4/2007	11/905,828	7/22/2014	8,788,687
Welch Allyn, Inc.	Temperature Patch and Method of Using the Same	Granted	10/16/2007	11/873,046	12/28/2010	7,857,507
Welch Allyn, Inc.	Dual Lumen Interchangeable Monitor System	Granted	10/19/2007	11/875,167	12/27/2011	8,083,683
Welch Allyn, Inc.	Disposable Speculum for Medical Thermometer	Granted	11/19/2007	11/942,430	3/20/2012	8,136,986
Welch Allyn, Inc.	Oroscopic Tip Element and Related Method of Use	Granted	2/14/2008	12/031,188	6/12/2012	8,197,403
Welch Allyn, Inc.	Method and Apparatus for Spectrum Estimation	Granted	2/26/2008	12/037,407	6/15/2010	7,738,949

Welch Allyn, Inc.	Blood Pressure Algorithm	Granted	3/20/2008	12/052,659	4/19/2011	7,927,283
Welch Allyn, Inc.	Ambulatory Patient Monitoring Apparatus, System and Method	Granted	3/20/2008	12/052,674	12/2/2014	8,900,153
Welch Allyn, Inc.	Vaginal Speculum	Granted	4/25/2008	11/910,378	4/17/2012	8,157,728
Welch Allyn, Inc.	Vaginal Speculum Apparatus	Granted	4/25/2008	11/910,387	9/2/2014	8,821,395
Welch Allyn, Inc.	Thermometer Heater and Thermistor	Granted	5/19/2008	12/122,916	8/16/2011	7,997,793
Welch Allyn, Inc.	Electro Pneumatic Interface for Blood Pressure System	Granted	7/18/2008	12/175,657	2/28/2012	8,123,694
Welch Allyn, Inc.	Motion Management in a Fast Blood Pressure Measurement Device	Granted	7/22/2008	12/177,521	5/27/2014	8,734,355
Welch Allyn, Inc.	Cycle Counting	Granted	7/29/2008	12/181,577	11/13/2012	8,308,355
Welch Allyn, Inc.	Medical Monitor	Granted	8/19/2008	29/323,129	9/22/2009	D600,814
Welch Allyn, Inc.	Medical Monitor	Granted	3/24/2009	29/334,317	2/2/2010	D609,351
Welch Allyn, Inc.	IR Thermometry Probe Cover	Granted	4/9/2009	12/420,926	7/31/2012	8,231,271



Welch Allyn, Inc.	Calibrated Assembly for IR Thermometer Apparatus	Granted	4/20/2009	12/426,556	5/29/2012	8,186,876
Welch Allyn, Inc.	IR Thermometer Thermal Isolation Tip Assembly	Granted	5/5/2009	12/435,731	3/20/2012	8,136,985
Welch Allyn, Inc.	Medical Diagnostic Instrument Having Portable Illuminator	Granted	6/3/2009	12/477,662	3/5/2013	8,388,523
Welch Allyn, Inc.	Apparatus and Method for Diagnosis of Optically Identifiable Ophthalmic Conditions	Granted	7/17/2009	12/505,193	12/13/2011	8,075,136
Welch Allyn, Inc.	Display Screen with User Interface for Medical Data	Granted	7/24/2009	29/340,780	12/6/2011	D649,972
Welch Allyn, Inc.	Automatic Provisioning of Authentication Credentials	Granted	9/15/2009	12/560,304	7/7/2015	9,077,544
Welch Allyn, Inc.	Communication of Information Between a Plurality of Network Elements	Granted	9/25/2009	11/663,395	9/24/2013	8,543,999

Welch Allyn, Inc.	Examination Light	Granted	9/30/2009	29/344,529	8/10/2010	D621,539
Welch Allyn, Inc.	Examination Light	Granted	9/30/2009	29/344,543	8/10/2010	D621,540
Welch Allyn, Inc.	Examination Light	Granted	9/30/2009	29/344,514	8/17/2010	D621,981
Welch Allyn, Inc.	Electrical Adapter for Medical Diagnostic Instruments using LEDs as Illumination Sources	Granted	10/2/2009	12/572,811	3/18/2014	RE44,806
Welch Allyn, Inc.	Motivational Spirometry System and Method	Granted	10/12/2009	12/577,319	3/19/2013	8,398,561
Welch Allyn, Inc.	Thermometer for Determining the Temperature of an Animal's Ear drum and Method of Using Same	Granted	11/2/2009	12/610,760	11/6/2012	8,306,774
Welch Allyn, Inc.	Medical Instrument with Probe, Probe Cover, and Methods of Using the Same	Granted	12/30/2009	12/649,595	2/12/2013	8,374,683
Welch Allyn, Inc.	Suprasystolic Measurement in a Fast Blood-Pressure Cycle	Granted	12/31/2009	12/650,984	9/23/2014	8,840,561

Welch Allyn, Inc.	Patient Monitoring Device with Graphical User Interface	Granted	12/31/2009	29/353,090	4/10/2012	D657,368
Welch Allyn, Inc.	Automatic Determination of Location for Ethernet Devices	Granted	2/1/2010	12/697,831	12/17/2013	8,610,562
Welch Allyn, Inc.	Recyclable or Biodegradable Blood Pressure Cuff	Granted	2/12/2010	12/704,638	2/18/2014	8,652,057
Welch Allyn, Inc.	Personal Area Network Pairing	Granted	3/15/2010	12/723,726	4/7/2015	9,000,914
Welch Allyn, Inc.	Pulse-Oximeter Holder	Granted	3/24/2010	29/358,208	3/22/2011	D634,846
Welch Allyn, Inc.	Medical Stand Bins	Granted	3/24/2010	29/358,198	9/3/2013	D689,194
Welch Allyn, Inc.	Small Footprint Medical Information Transfer Protocol Stack	Granted	3/29/2010	12/749,097	6/4/2013	8,458,149
Welch Allyn, Inc.	Physiological Parameter Measuring Platform Device Supporting Multiple Workflows	Granted	3/31/2010	12/751,579	2/23/2016	9,265,429
Welch Allyn, Inc.	Medical-Stand Tray	Granted	4/13/2010	29/359,558	10/26/2010	D626,239

Welch Allyn, Inc.	Medical Device Adaptor	Granted	5/7/2010	12/776,019	9/9/2014	8,827,317
Welch Allyn, Inc.	Systems and Methods for Measuring Arterial Stiffness	Granted	5/25/2010	12/787,220	6/12/2012	8,197,414
Welch Allyn, Inc.	Diagnosis of Optically Identifiable Ophthalmic Conditions	Granted	6/4/2010	12/794,053	5/14/2013	8,439,501
Welch Allyn, Inc.	Diagnosis of Optically Identifiable Ophthalmic Conditions	Granted	6/4/2010	12/793,989	4/22/2014	8,702,234
Welch Allyn, Inc.	Drive Circuit for Light Emitting Diode	Granted	6/30/2010	12/827,688	7/22/2014	8,786,210
Welch Allyn, Inc.	Body Area Network Pairing Improvements for Clinical Workflows	Granted	6/30/2010	12/827,817	2/17/2015	8,957,777
Welch Allyn, Inc.	Replacement Light Assembly	Granted	7/1/2010	12/828,760	6/11/2013	8,459,844
Welch Allyn, Inc.	Portions of a Patient-Monitor Housing	Granted	7/22/2010	29/366,262	2/8/2011	D632,397
Welch Allyn, Inc.	Patient-Monitor Housing	Granted	7/22/2010	29/366,255	4/5/2011	D635,681
Welch Allyn, Inc.	Portion of a Patient-Monitor Module	Granted	7/22/2010	29/366,260	11/20/2012	D671,222

Welch Allyn, Inc.	Configurable Health-Care Equipment Apparatus	Granted	7/23/2010	12/842,528	7/3/2012	8,214,566
Welch Allyn, Inc.	User Installed Applications in a Physiological Parameter Display Device	Granted	8/17/2010	13/817,185	3/21/2017	9,600,630
Welch Allyn, Inc.	Thermometer for Determining the Temperature of an Animal's Ear drum and Method of Using Same	Granted	8/19/2010	12/859,611	2/16/2016	9,261,407
Welch Allyn, Inc.	Multi-Site Infrared Thermometer	Granted	8/26/2010	12/869,154	11/26/2013	8,591,103
Welch Allyn, Inc.	Blood-Pressure Monitor Housing	Granted	8/26/2010	29/368,600	3/15/2011	D634,430
Welch Allyn, Inc.	Mobile Medical Workstation	Granted	9/1/2010	12/873,765	10/23/2012	8,292,807
Welch Allyn, Inc.	Medical Device Basket	Granted	9/3/2010	29/369,201	7/30/2013	D687,148
Welch Allyn, Inc.	Adaptive Display for Patient Monitoring	Granted	10/19/2010	12/907,882	5/6/2014	8,719,712
Welch Allyn, Inc.	Pulse Oximeter	Granted	10/20/2010	12/908,115	4/1/2014	8,688,187
Welch Allyn, Inc.	Pulse Oximeter	Granted	10/20/2010	29/377,303	8/23/2011	D643,929

Welch Allyn, Inc.	Temperature Patch	Granted	11/9/2010	12/942,066	12/20/2011	8,079,756
Welch Allyn, Inc.	Method and apparatus for wireless transmission of data	Granted	11/9/2010	12/942,295	12/20/2011	8,081,655
Welch Allyn, Inc.	Patient-Monitor Housing	Granted	12/1/2010	29/380,149	7/19/2011	D641,885
Welch Allyn, Inc.	Devices and Methods for Temperature Determination	Granted	12/2/2010	12/958,670	2/25/2014	8,657,758
Welch Allyn, Inc.	Blood-Pressure Cuff	Granted	12/2/2010	29/380,256	8/16/2011	D643,536
Welch Allyn, Inc.	Thermometry Probe	Granted	1/10/2011	29/382,907	5/22/2012	D660,188
Welch Allyn, Inc.	Examination Light Apparatus with Touch-Less Control	Granted	2/3/2011	13/057,310	8/26/2014	8,816,599
Welch Allyn, Inc.	Method for Blood Pressure Measurement from Noninvasive Oscillometric Pressure Signals	Granted	3/14/2011	13/047,780	1/6/2015	8,926,521

Welch Allyn, Inc.	Cuff Integrity Detection During Inflation of an Automated Blood Pressure Device	Granted	3/21/2011	13/052,279	12/16/2014	8,911,378
Welch Allyn, Inc.	Extensibility for Manipulation of Medical Data	Granted	3/31/2011	13/076,487	11/12/2013	8,583,728
Welch Allyn, Inc.	Variable Control for Handheld Device	Granted	5/6/2011	13/102,119	7/7/2015	9,072,479
Welch Allyn, Inc.	Detection of Noise During Heart Beat Variation Evaluation	Granted	6/17/2011	13/162,621	6/2/2015	9,044,147
Welch Allyn, Inc.	Systems and Methods for Determining Patient Temperature	Granted	7/19/2011	13/186,072	3/31/2015	8,996,096
Welch Allyn, Inc.	Blood Pressure Cuff	Granted	8/29/2011	13/220,314	5/12/2015	9,028,419
Welch Allyn, Inc.	Medical Devices with Proximity Detection	Granted	9/6/2011	13/225,989	12/9/2014	8,907,782
Welch Allyn, Inc.	Digital Oroscope	Granted	9/20/2011	13/237,022	6/25/2013	8,469,882

Welch Allyn, Inc.	Method and Apparatus for Analyzing Subsurfaces of a Target Material	Granted	11/10/2011	13/293,337	9/24/2013	8,543,192
Welch Allyn, Inc.	Controlling Intensity of Light Emitted by a Device	Granted	11/17/2011	13/298,323	5/3/2016	9,326,672
Welch Allyn, Inc.	Medical Diagnostic System	Granted	11/30/2011	13/308,480	6/21/2016	9,370,296
Welch Allyn, Inc.	Desktop Diagnostic Device	Granted	11/30/2011	29/407,593	1/14/2014	D697,625
Welch Allyn, Inc.	Wireless Transmission Reliability	Granted	12/6/2011	13/312,742	9/30/2014	8,850,293
Welch Allyn, Inc.	Method and Apparatus for Observing Subsurfaces of a Target Material	Granted	12/13/2011	13/324,400	4/7/2015	9,001,326
Welch Allyn, Inc.	Probe Cover Container Identification	Granted	2/3/2012	13/365,343	2/18/2014	8,651,736
Welch Allyn, Inc.	Systems and Methods for Monitoring a Patient	Granted	2/16/2012	13/398,519	1/26/2016	9,241,642



Welch Allyn, Inc.	Photorefractive Ocular Screening Device and Methods	Granted	2/17/2012	13/399,682	1/19/2016	9,237,846
Welch Allyn, Inc.	Patient Monitoring Device with Graphical User Interface	Granted	2/23/2012	29/414,026	9/25/2012	D667,837
Welch Allyn, Inc.	Patient Monitoring Device with Graphical User Interface	Granted	2/23/2012	29/414,029	9/25/2012	D667,838
Welch Allyn, Inc.	Systems and Methods for Determining Patient Temperature	Granted	3/19/2012	13/423,785	9/22/2015	9,138,149
Welch Allyn, Inc.	Temperature Measurement System	Granted	3/19/2012	13/423,814	6/7/2016	9,357,930
Welch Allyn, Inc.	Central Station Integration of Patient Data	Granted	4/5/2012	13/440,698	10/28/2014	8,874,379
Welch Allyn, Inc.	Physiological Parameter Measuring Platform Device Supporting Multiple Workflows	Granted	4/5/2012	13/440,840	6/16/2015	9,055,870

Welch Allyn, Inc.	Medical Device Maintenance System	Granted	4/5/2012	13/440,571	7/28/2015	9,092,762
Welch Allyn, Inc.	Combined Episodic and Continuous Parameter Monitoring	Granted	4/5/2012	13/440,318	1/12/2016	9,235,682
Welch Allyn, Inc.	User Interface Enhancements for Physiological Parameter Monitoring Platform Devices	Granted	4/5/2012	13/440,860	3/12/2019	10,226,200
Welch Allyn, Inc.	Graphical User Interface for Pulmonary Index	Granted	4/5/2012	29/417,598	3/10/2015	D724,101
Welch Allyn, Inc.	Graphical User Interface for Acoustic Respiration	Granted	4/5/2012	29/417,595	6/9/2015	D731,525
Welch Allyn, Inc.	Patient Monitoring Device with Graphical User Interface	Granted	4/5/2012	29/417,611	11/22/2016	D772,252
Welch Allyn, Inc.	Vaginal Speculum Apparatus	Granted	4/26/2012	13/457,161	5/7/2013	8,435,175

Welch Allyn, Inc.	Recharging Energy Storage Cells Using Capacitive Storage Device	Granted	5/4/2012	13/464,717	6/23/2015	9,065,287
Welch Allyn, Inc.	Systems and Methods for Measuring Arterial Stiffness	Granted	5/15/2012	13/471,588	5/5/2015	9,022,942
Welch Allyn, Inc.	Configurable Health-Care Equipment Apparatus	Granted	6/1/2012	13/486,326	7/30/2013	8,499,108
Welch Allyn, Inc.	Portion of a Medical Device Housing or the Like	Granted	6/1/2012	29/423,586	5/13/2014	D704,829
Welch Allyn, Inc.	Medical Device Housing	Granted	6/1/2012	29/423,585	3/17/2015	D724,724
Welch Allyn, Inc.	Body Worn Physiological Sensor Device Having a Disposable Electrode Module	Granted	6/5/2012	13/488,520	1/14/2014	8,630,699
Welch Allyn, Inc.	Using Near-Field Communication Both for Out-Of-Band Pairing and Physiological Data Transfer	Granted	6/6/2012	13/490,086	4/14/2015	9,008,658

Welch Allyn, Inc.	Temperature Measurement System	Granted	8/8/2012	13/569,867	4/12/2016	9,307,912
Welch Allyn, Inc.	Blood Pressure Monitoring System and Method	Granted	9/7/2012	13/606,967	10/16/2018	10,098,553
Welch Allyn, Inc.	Mobile Medical Workstation	Granted	9/12/2012	13/611,869	7/3/2018	10,010,287
Welch Allyn, Inc.	Apparatus for Health Correlation Assessment	Granted	9/14/2012	13/620,486	6/23/2015	9,060,728
Welch Allyn, Inc.	Evaluation of the Quality of Electrode Contact with a Skin Surface	Granted	9/21/2012	13/624,645	6/17/2014	8,755,873
Welch Allyn, Inc.	Configurable Vital Signs System	Granted	9/28/2012	13/631,046	4/5/2016	9,301,700
Welch Allyn, Inc.	Motion Sensitive and Capacitor Powered Handheld Device	Granted	10/12/2012	13/650,488	10/6/2015	9,153,994
Welch Allyn, Inc.	Illuminator for a Medical Device or the Like	Granted	10/17/2012	29/434,856	10/20/2015	D741,531
Welch Allyn, Inc.	Illuminator for a Medical Device or the Like	Granted	10/17/2012	29/434,858	6/21/2016	D759,868

Welch Allyn, Inc.	Frequency-Adaptive Notch Filter	Granted	10/31/2012	13/665,226	12/1/2015	9,198,588
Welch Allyn, Inc.	Digital-Based Medical Devices	Granted	11/9/2012	13/673,822	2/3/2015	8,944,596
Welch Allyn, Inc.	Blood Pressure Sleeve	Granted	11/19/2012	13/681,217	12/29/2015	9,220,422
Welch Allyn, Inc.	Thermal Powered Medical Device	Granted	11/20/2012	13/682,424	7/9/2019	10,342,446
Welch Allyn, Inc.	Mobile Cart with Capacitive Power Supply	Granted	12/18/2012	13/718,869	4/18/2017	9,627,912
Welch Allyn, Inc.	Ophthalmoscope	Granted	12/20/2012	29/440,342	5/13/2014	D704,842
Welch Allyn, Inc.	Otoscope	Granted	12/20/2012	29/440,339	6/25/2014	D709,191
Welch Allyn, Inc.	Medical Instrument with Probe and Methods of Using the Same	Granted	1/17/2013	13/743,733	3/15/2016	9,282,883
Welch Allyn, Inc.	Carton Holder with Dispensing Configurations, System, and Method of Use	Granted	1/30/2013	13/754,526	5/3/2016	9,327,866
Welch Allyn, Inc.	Carton	Granted	1/30/2013	29/444,430	2/11/2014	D699,101
Welch Allyn, Inc.	Carton	Granted	1/30/2013	29/444,435	6/3/2014	D706,128
Welch Allyn, Inc.	Basket	Granted	1/30/2013	29/444,439	8/26/2014	D711,736

Welch Allyn, Inc.	Systems and Methods for Determining Patient Temperature	Granted	2/4/2013	13/758,423	2/23/2016	9,265,427
Welch Allyn, Inc.	Portable Instrument and Docking Station with Divided Universal Serial Bus Communication Device	Granted	2/14/2013	13/740,455	5/3/2016	9,330,046
Welch Allyn, Inc.	Communication of Information between a Plurality of Network Elements	Granted	2/21/2013	13/772,623	10/7/2014	8,856,380
Welch Allyn, Inc.	Optical Device Adapter	Granted	3/1/2013	29/447,270	11/18/2014	D717,856
Welch Allyn, Inc.	Impedance Measurement System	Granted	3/4/2013	13/784,399	8/25/2015	9,113,805
Welch Allyn, Inc.	Medical Diagnostic Instrument	Granted	3/15/2013	13/841,848	12/1/2015	9,198,560
Welch Allyn, Inc.	Illumination Device, System, and Method of Use	Granted	3/15/2013	13/839,205	4/19/2016	9,314,149
Welch Allyn, Inc.	Digital Otoloscope	Granted	5/22/2013	13/899,803	10/25/2016	9,474,441
Welch Allyn, Inc.	Replacement Light Assembly	Granted	5/24/2013	13/902,420	12/1/2015	9,198,566

Welch Allyn, Inc.	Medical Device Housing for an Electrocardiography Device or the Like	Granted	5/31/2013	29/456,512	11/11/2014	D717,441
Welch Allyn, Inc.	Configurable Health-Care Equipment Apparatus	Granted	7/11/2013	13/940,087	9/1/2015	9,119,526
Welch Allyn, Inc.	Method and Apparatus for Analyzing Subsurfaces of a Target Material	Granted	8/21/2013	13/971,950	4/21/2015	9,014,792
Welch Allyn, Inc.	Medical Reporting System and Method	Granted	9/6/2013	14/020,615	2/20/2018	9,898,586
Welch Allyn, Inc.	Continuous Patient Monitoring	Granted	9/13/2013	14/026,802	12/13/2016	9,517,012
Welch Allyn, Inc.	Extensibility for Manipulation of Medical Data	Granted	10/10/2013	14/051,240	5/2/2017	9,641,589
Welch Allyn, Inc.	Probe Cover Container Identification	Granted	11/7/2013	14/074,428	10/17/2017	9,791,325
Welch Allyn, Inc.	Medical Instrument with Remaining Visits Indicator	Granted	11/13/2013	14/079,388	2/7/2017	9,560,976

Welch Allyn, Inc.	Recyclable or Biodegradable Blood Pressure Cuff	Granted	12/3/2013	14/094,873	3/19/2019	10,231,630
Welch Allyn, Inc.	Body Worn Physiological Sensor Device Having a Disposable Electrode Module	Granted	12/11/2013	14/103,219	6/10/2014	8,750,974
Welch Allyn, Inc.	Imager for Medical Device	Granted	12/30/2013	14/143,448	7/24/2018	10,028,658
Welch Allyn, Inc.	Devices and Methods for Temperature Determination	Granted	12/31/2013	14/144,989	3/12/2019	10,226,183
Welch Allyn, Inc.	Edge Detection in Images	Granted	1/14/2014	14/154,494	11/3/2015	9,177,223
Welch Allyn, Inc.	Vaginal Speculum Apparatus	Granted	1/31/2014	14/169,850	5/10/2016	9,332,898
Welch Allyn, Inc.	Fundus Imaging System	Granted	2/11/2014	14/177,568	12/15/2015	9,211,064
Welch Allyn, Inc.	Ophthalmoscope Device	Granted	2/11/2014	14/177,594	1/19/2016	9,237,847
Welch Allyn, Inc.	Systems and Methods for Blood Pressure Measurement	Granted	2/18/2014	14/183,074	9/5/2017	9,750,419
Welch Allyn, Inc.	Temperature Measurement System	Granted	2/21/2014	14/186,797	10/25/2016	9,474,450



Welch Allyn, Inc.	Anti-Loss for Medical Devices	Granted	2/24/2014	14/189,378	3/29/2016	9,299,240
Welch Allyn, Inc.	Medical Device Illuminator and Charging System	Granted	2/25/2014	14/189,674	9/20/2016	9,445,712
Welch Allyn, Inc.	Apparatus for Diagnosis of Optically Identifiable Ophthalmic Conditions	Granted	2/28/2014	14/193,920	2/7/2017	9,563,742
Welch Allyn, Inc.	Myogram Determination from ECG Signal	Granted	3/4/2014	14/196,962	3/7/2017	9,585,583
Welch Allyn, Inc.	Non-Contact Thermometry Systems and Methods	Granted	3/18/2014	14/218,710	6/28/2016	9,375,149
Welch Allyn, Inc.	Single Site Vitals	Granted	3/31/2014	14/230,872	9/1/2020	10,758,130
Welch Allyn, Inc.	Body Worn Physiological Sensor Device Having a Disposable Electrode Module	Granted	5/2/2014	14/268,666	2/24/2015	8,965,492
Welch Allyn, Inc.	Evaluation of the Quality of Electrode Contact with a Skin Surface	Granted	5/5/2014	14/269,933	3/1/2016	9,271,659

Welch Allyn, Inc.	Methods to Improve Workflow by Automatically Adding Patient Identification	Application	5/15/2014	14,278,891		
Welch Allyn, Inc.	Device Configuration for Supporting a Patient Oxygenation Test	Granted	5/27/2014	14,287,543	10/25/2016	9,474,484
Welch Allyn, Inc.	Dynamic Medical Object Information Base	Granted	6/11/2014	14,301,696	5/9/2017	9,648,090
Welch Allyn, Inc.	Examination Light Apparatus with Touch-Less Control	Granted	6/13/2014	14,303,787	5/8/2018	9,967,936
Welch Allyn, Inc.	Temperature-Measurement Probe	Granted	6/16/2014	14,305,554	8/1/2017	9,719,862
Welch Allyn, Inc.	Illuminator for a Medical Device or the Like	Granted	6/27/2014	29,495,181	4/5/2016	D753,295
Welch Allyn, Inc.	Portable Eye Viewing Device Enabled for Enhanced Field of View	Granted	7/17/2014	14,334,196	9/18/2018	10,078,226
Welch Allyn, Inc.	Medical Device	Granted	7/31/2014	29,498,120	6/28/2016	D760,388

Welch Allyn, Inc.	Handle for a Medical Device, Oroscope, Ophthalmoscope, or the Like	Granted	7/31/2014	29/498,122	7/5/2016	D760,895
Welch Allyn, Inc.	Medical Device	Granted	7/31/2014	29/498,125	1/17/2017	D776,809
Welch Allyn, Inc.	Hybrid Patient Monitoring System	Granted	8/7/2014	14/454,225	7/27/2021	11,071,467
Welch Allyn, Inc.	Suprasystolic Measurement in a Fast Blood-Pressure Cycle	Granted	8/22/2014	14/466,356	12/5/2017	9,833,154
Welch Allyn, Inc.	Diagnostic Device	Granted	9/5/2014	29/501,550	1/26/2016	D748,272
Welch Allyn, Inc.	Diagnostic Device	Granted	9/5/2014	29/501,553	2/2/2016	D748,807
Welch Allyn, Inc.	Portion of a Medical Device	Granted	9/5/2014	29/501,551	4/19/2016	D754,353
Welch Allyn, Inc.	Diagnostic Device	Granted	9/5/2014	29/501,548	6/14/2016	D759,254
Welch Allyn, Inc.	Central Station Integration of Patient Data	Granted	9/16/2014	14/487,667	8/15/2017	9,733,799
Welch Allyn, Inc.	Platform for Patient Monitoring	Granted	9/17/2014	14/488,917	1/16/2018	9,872,087
Welch Allyn, Inc.	IR Thermometry Probe Cover	Granted	10/10/2014	14/511,986	10/17/2017	9,791,326
Welch Allyn, Inc.	Wireless Ambulatory Care Network	Granted	10/31/2014	14/529,510	3/20/2018	9,924,298

Welch Allyn, Inc.	Medical Devices with Proximity Detection	Granted	11/3/2014	14/531,142	8/2/2016	9,402,545
Welch Allyn, Inc.	Laser Configured Oroscope	Granted	11/4/2014	14/532,524	2/26/2019	10,213,098
Welch Allyn, Inc.	Medical Device with Context-Specific Interfaces	Granted	11/7/2014	14/535,534	9/19/2017	9,763,629
Welch Allyn, Inc.	Medical Device Nucleus Architecture	Granted	11/7/2014	14/535,401	10/31/2017	9,804,836
Welch Allyn, Inc.	Device Configuration	Granted	11/7/2014	14/535,576	5/21/2019	10,296,965
Welch Allyn, Inc.	Medical Device Low Acuity Vitals System Architecture	Granted	11/7/2014	14/535,395	6/4/2019	10,310,845
Welch Allyn, Inc.	Cuff Integrity Detection During Inflation of an Automated Blood Pressure Device	Granted	11/12/2014	14/539,483	11/1/2016	9,480,433
Welch Allyn, Inc.	Digital Colposcope System	Granted	12/1/2014	14/557,146	7/24/2018	10,028,649
Welch Allyn, Inc.	Analysis of Direct and Indirect Heartbeat Data Variations	Granted	12/3/2014	14/559,405	4/17/2018	9,943,237

Welch Allyn, Inc.	Vital Signs Monitor	Granted	12/3/2014	14/559,392	1/1/2019	10,165,950
Welch Allyn, Inc.	Digital-Based Medical Devices	Granted	1/8/2015	14/592,195	5/9/2017	9,642,517
Welch Allyn, Inc.	Body Area Network Pairing Improvements for Clinical Workflows	Granted	1/9/2015	14/593,353	7/12/2016	9,386,924
Welch Allyn, Inc.	Body Worn Physiological Sensor Device Having a Disposable Electrode Module	Granted	1/13/2015	14/595,815	10/13/2015	9,155,484
Welch Allyn, Inc.	Thermometry Heating and Sensing Assembly	Granted	2/3/2015	14/612,886	4/17/2018	9,943,232
Welch Allyn, Inc.	Eye Viewing Device Enabled for Performing Ear Examinations and Adapter	Granted	2/12/2015	14/620,738	10/9/2018	10,092,175
Welch Allyn, Inc.	Personal Area Network Pairing	Granted	2/26/2015	14/633,032	11/29/2016	9,504,388
Welch Allyn, Inc.	Through Focus Retinal Image Capturing	Granted	2/27/2015	14/633,601	6/29/2021	11,045,088

Welch Allyn, Inc.	Method and Apparatus for Observing Subsurfaces of a Target Material	Granted	3/2/2015	14/635,375	11/10/2015	9,182,343
Welch Allyn, Inc.	Method and Apparatus for Analyzing Subsurfaces of a Target Material	Granted	3/10/2015	14/643,187	5/24/2016	9,345,407
Welch Allyn, Inc.	Systems and Methods for Determining Patient Temperature	Granted	3/25/2015	14/668,647	8/2/2016	9,404,813
Welch Allyn, Inc.	Using Near-Field Communication Both for Out-Of-Band Pairing and Physiological Data Transfer	Granted	4/3/2015	14/678,127	2/28/2017	9,579,023
Welch Allyn, Inc.	Blood Pressure Cuff	Granted	4/15/2015	14/687,335	7/12/2016	9,386,928
Welch Allyn, Inc.	Physiological Parameter Measuring Platform Device Supporting Multiple Workflows	Granted	5/6/2015	14/705,406	7/10/2018	10,016,169

Welch Allyn, Inc.	Device Connectivity Engine	Granted	5/28/2015	14/723,593	8/27/2019	10,395,008
Welch Allyn, Inc.	Medical Device Maintenance System	Granted	6/17/2015	14/741,997	8/14/2018	10,049,346
Welch Allyn, Inc.	Method and Apparatus for Managing Sensors	Granted	7/14/2015	14/798,798	9/14/2021	11,116,397
Welch Allyn, Inc.	Impedance Measurement System	Granted	7/29/2015	14/812,836	3/13/2018	9,913,614
Welch Allyn, Inc.	Vaginal Speculum with Illuminator	Granted	8/6/2015	14/820,047	1/3/2017	9,532,706
Welch Allyn, Inc.	Configurable Health-Care Equipment Apparatus	Granted	8/20/2015	14/831,618	3/14/2017	9,591,974
Welch Allyn, Inc.	Capacitor Powered Battery Replacement Device	Granted	8/27/2015	14/838,072	12/5/2017	9,833,223

Welch Allyn, Inc.	Boreoscopic Optical System for Medical Diagnostic Instruments and Medical Diagnostic Instruments Having Interlocking Assembly Features	Granted	9/14/2015	14/853,282	6/13/2017	9,675,246
Welch Allyn, Inc.	Method and Apparatus for Managing a Biological Condition	Granted	9/14/2015	14/853,161	4/14/2020	10,617,350
Welch Allyn, Inc.	Edge Detection in Images	Granted	9/28/2015	14/867,218	8/30/2016	9,430,843
Welch Allyn, Inc.	Body Worn Physiological Sensor Device Having a Disposable Electrode Module	Granted	10/12/2015	14/880,413	9/6/2016	9,433,366
Welch Allyn, Inc.	Method and Apparatus for Delivering a Substance to an Individual	Granted	10/22/2015	14/920,056	3/30/2021	10,964,421
Welch Allyn, Inc.	Frequency-Adaptive Notch Filter	Granted	10/23/2015	14/921,039	11/22/2016	9,503,056



Welch Allyn, Inc.	Concussion Screening System	Granted	10/29/2015	14/927,171	12/10/2019	10,506,165
Welch Allyn, Inc.	Replacement Light Assembly	Granted	11/2/2015	14/930,029	5/2/2017	9,636,004
Welch Allyn, Inc.	Optical Imaging Device	Granted	11/2/2015	29/544,302	12/4/2018	D835,271
Welch Allyn, Inc.	Medical Device	Application	11/6/2015	14/934,834		
Welch Allyn, Inc.	Printed Circuit Board Assembly With Ferrite For Medical Device	Granted	11/6/2015	14/934,783	1/23/2018	9,872,626
Welch Allyn, Inc.	Medical Device	Granted	11/6/2015	14/934,799	2/27/2018	9,901,265
Welch Allyn, Inc.	Medical Device	Granted	11/6/2015	14/934,812	10/2/2018	10,085,654
Welch Allyn, Inc.	Carrier Assembly For Blood pressure Module.	Granted	11/6/2015	14/934,834	9/10/2019	10,405,758
Welch Allyn, Inc.	Medical Diagnostic Instrument	Granted	11/9/2015	14/935,838	10/16/2018	10,098,530
Welch Allyn, Inc.	Fundus Imaging System	Granted	11/12/2015	14/939,601	11/22/2016	9,498,126
Welch Allyn, Inc.	Combined Episodic and Continuous Parameter Monitoring	Granted	12/1/2015	14/955,172	2/12/2019	10,204,081

Welch Allyn, Inc.	Medical Instrument Having LED Illumination System	Granted	12/3/2015	14/957,813	11/14/2017	9,814,377
Welch Allyn, Inc.	Ophthalmoscope Device	Granted	12/7/2015	14/960,495	9/12/2017	9,757,031
Welch Allyn, Inc.	Photorefractive Ocular Screening Device and Methods	Granted	12/9/2015	14/963,317	8/2/2016	9,402,538
Welch Allyn, Inc.	Photorefractive Ocular Screening Device and Methods	Granted	12/9/2015	14/963,332	8/9/2016	9,408,535
Welch Allyn, Inc.	Medical Device Wireless Adapter	Granted	12/11/2015	14/954,023	1/12/2021	10,893,037
Welch Allyn, Inc.	Systems and Methods for Monitoring a Patient	Application	1/8/2016	14/991,294		
Welch Allyn, Inc.	Physiological Parameter Measuring Platform Device Supporting Multiple Workflows	Granted	1/13/2016	14/994,576	5/9/2017	9,646,136

Welch Allyn, Inc.	Evaluation of the Quality of Electrode Contact with a Skin Surface	Granted	1/15/2016	14/996,320	1/31/2017	9,554,749
Welch Allyn, Inc.	Clinical Grade Consumer Physical Assessment System	Granted	1/26/2016	15/006,784	11/3/2020	10,825,556
Welch Allyn, Inc.	Physiological Parameter Measuring System	Granted	1/28/2016	15/009,496	8/8/2017	9,723,986
Welch Allyn, Inc.	Automatic Fundus Image Capture System	Granted	1/29/2016	15/009,988	11/27/2018	10,136,804
Welch Allyn, Inc.	Medical Instrument with Probe and Methods of Using the Same	Application	2/4/2016	15/015,717		
Welch Allyn, Inc.	Systems and Methods for Determining Patient Temperature	Granted	2/5/2016	15/017,175	10/24/2017	9,795,305
Welch Allyn, Inc.	Weight Measurement Device	Granted	2/8/2016	29/554,056	6/6/2017	D788,619
Welch Allyn, Inc.	Weight Measurement Device	Granted	2/8/2016	29/554,057	6/6/2017	D788,620
Welch Allyn, Inc.	Medical Device	Granted	2/8/2016	29/554,054	11/14/2017	D802,768

Welch Allyn, Inc.	Anti-Loss for Medical Devices	Granted	2/19/2016	15/048,499	9/12/2017	9,761,100
Welch Allyn, Inc.	Configurable Vital Signs System	Granted	2/25/2016	15/053,763	1/1/2019	10,165,984
Welch Allyn, Inc.	Physical Assessment Parameter Measuring Device	Granted	2/25/2016	15/053,661	8/27/2019	10,390,759
Welch Allyn, Inc.	Retinal Image Capturing	Granted	2/26/2016	15/054,558	9/15/2020	10,772,495
Welch Allyn, Inc.	Portable Instrument and Docking Station with Divided Universal Serial Bus Communication Device	Granted	3/30/2016	15/084,678	8/28/2018	10,061,739
Welch Allyn, Inc.	System and Method for Medical Diagnostics	Granted	4/22/2016	15/136,226	10/8/2019	10,433,822
Welch Allyn, Inc.	Vaginal Speculum Apparatus	Granted	5/9/2016	15/149,747	2/6/2018	9,883,792
Welch Allyn, Inc.	Non Contact Thermometry Systems and Methods	Granted	5/23/2016	15/162,078	9/5/2017	9,750,414

Welch Allyn, Inc.	Body Area Network Pairing Improvements for Clinical Workflows	Granted	6/13/2016	15/180,732	11/27/2018	10,136,817
Welch Allyn, Inc.	Blood Pressure Cuff	Granted	6/21/2016	15/188,119	9/3/2019	10,398,325
Welch Allyn, Inc.	Blood Pressure Measuring Apparatus	Granted	6/21/2016	15/188,439	1/14/2020	10,531,800
Welch Allyn, Inc.	Medical Device with Enhanced User Interface Controls	Application	6/27/2016	15/194,275		
Welch Allyn, Inc.	Medical Device with Enhanced User Interface Controls	Granted	6/27/2016	15/194,275	9/17/2019	10,416,865
Welch Allyn, Inc.	Method and Apparatus for Detecting a Biological Condition from a Comparative Measurement	Granted	7/12/2016	15/207,689	2/16/2021	10,918,340
Welch Allyn, Inc.	Navigation Features for Electrocardiograph Device User Interface	Granted	7/14/2016	15/209,953	7/24/2018	10,028,671
Welch Allyn, Inc.	Method and Apparatus for Monitoring Biological Conditions	Granted	8/2/2016	15/226,332	4/13/2021	10,973,416

Welch Allyn, Inc.	Method and Apparatus for Mitigating Behavior Adverse to a Biological Condition	Granted	8/4/2016	15/228,920	10/6/2020	10,791,994
Welch Allyn, Inc.	Body Worn Physiological Sensor Device Having a Disposable Electrode Module	Granted	8/16/2016	15/237,719	1/30/2018	9,877,663
Welch Allyn, Inc.	Medical Device Illuminator and Charging System	Granted	8/18/2016	15/239,891	7/30/2019	10,362,932
Welch Allyn, Inc.	Extended Medical Test System	Granted	8/23/2016	15/244,489	11/17/2020	10,835,120
Welch Allyn, Inc.	Optical Imaging Device	Granted	9/2/2016	29/576,466	11/27/2018	D834,713
Welch Allyn, Inc.	Method and Apparatus for Processing Data Associated with a Monitored Individual	Application	9/9/2016	15/261,379		
Welch Allyn, Inc.	Mobile Patient Care System	Granted	9/14/2016	15/264,954	2/11/2020	10,555,671

Welch Allyn, Inc.	Method and Apparatus for Monitoring a Functional Capacity of an Individual	Granted	9/28/2016	15/278,212	8/6/2019	10,368,810
Welch Allyn, Inc.	Through Focus Retinal Image Capturing	Granted	9/29/2016	15/279,831	3/31/2020	10,602,926
Welch Allyn, Inc.	Fundus Image Capture System	Granted	9/30/2016	15/281,817	5/14/2019	10,285,589
Welch Allyn, Inc.	Fundus Imaging System	Granted	10/18/2016	15/297,073	3/20/2018	9,918,629
Welch Allyn, Inc.	Temperature Measurement System	Granted	10/21/2016	15/331,060	2/27/2018	9,901,258
Welch Allyn, Inc.	Personal Area Network Pairing	Granted	10/24/2016	15/331,962	5/30/2017	9,662,016
Welch Allyn, Inc.	Digital Otoloscope	Granted	10/24/2016	15/332,110	11/12/2019	10,470,650
Welch Allyn, Inc.	Near Field Communication Sensor System	Granted	11/8/2016	15/346,361	1/30/2018	9,882,610
Welch Allyn, Inc.	Method and Systems for Correcting for Arterial Compliance in a Blood Pressure Assessment	Granted	12/7/2016	15/371,444	9/15/2020	10,772,571
Welch Allyn, Inc.	Vaginal Speculum with Illuminator	Granted	12/8/2016	15/372,447	3/16/2021	10,945,594

Welch Allyn, Inc.	Evaluation of the Quality of Electrode Contact with a Skin Surface	Granted	12/14/2016	15/379,080	10/30/2018	10,111,622
Welch Allyn, Inc.	Medical Instrument with Remaining Visits Indicator	Granted	12/23/2016	15/390,177	6/5/2018	9,990,468
Welch Allyn, Inc.	Wearable Patch for Patient Monitoring	Granted	12/30/2016	15/395,324	11/3/2020	10,820,802
Welch Allyn, Inc.	Patch for Temperature Determination	Granted	12/30/2016	15/395,533	11/10/2020	10,827,931
Welch Allyn, Inc.	Body-Worn Thermometry Solutions	Granted	12/30/2016	15/395,486	3/3/2020	10,575,732
Welch Allyn, Inc.	Infrared Fundus Imaging System	Application	1/4/2017	15/398,145		
Welch Allyn, Inc.	Infrared Fundus Imaging System	Granted	1/4/2017	15/398,145	9/17/2019	10,413,179
Welch Allyn, Inc.	Estimating Hydration Using Capillary Refill Time	Application	1/13/2017	15/405,412		
Welch Allyn, Inc.	Using Near-Field Communication Both for Out-Of-Band Pairing and Physiological Data Transfer	Granted	1/17/2017	15/407,425	10/2/2018	10,085,641



Welch Allyn, Inc.	User Installed Applications in a Physiological Parameter Display Device	Granted	2/3/2017	15/424,025	9/29/2020	10,790,058
Welch Allyn, Inc.	Myogram Determination from ECG Signal	Granted	3/3/2017	15/449,676	7/28/2020	10,722,135
Welch Allyn, Inc.	Vaginal Speculum Apparatus	Granted	3/8/2017	15/453,436	4/24/2018	9,949,633
Welch Allyn, Inc.	Medical Environment Single Sign-On System	Granted	3/20/2017	15/463,622	12/29/2020	10,880,289
Welch Allyn, Inc.	Dynamic Medical Object Information Base	Application	3/30/2017	15/474,782		
Welch Allyn, Inc.	Monitoring System for Physiological Parameter Sensing Device	Granted	4/5/2017	15/479,840	6/2/2020	10,667,687
Welch Allyn, Inc.	Skin Feature Imaging System	Granted	4/5/2017	15/479,904	6/9/2020	10,674,953
Welch Allyn, Inc.	Replacement Light Assembly	Granted	4/13/2017	15/487,109	4/3/2018	9,931,028
Welch Allyn, Inc.	Personal Area Network Pairing	Granted	4/21/2017	15/493,443	5/15/2018	9,973,883

Welch Allyn, Inc.	Boreoscopic Optical System for Medical Diagnostic Instruments and Medical Diagnostic Instruments Having Interlocking Assembly Features	Granted	4/21/2017	15/493,500	7/24/2018	10,028,648
Welch Allyn, Inc.	Medical Examination System Enabling Interchangeable Instrument Operating Modes	Granted	4/24/2017	15/495,065	8/24/2021	11,096,627
Welch Allyn, Inc.	Extensibility for Manipulation of Medical Data	Application	4/26/2017	15/497,506		
Welch Allyn, Inc.	Extensibility for Manipulation of Medical Data	Granted	4/26/2017	15/497,506	9/3/2019	10,404,776
Welch Allyn, Inc.	Digital-Based Medical Devices	Granted	5/8/2017	15/589,173	3/26/2019	10,238,462
Welch Allyn, Inc.	Patient Central Monitoring Station with Graphical User Interface	Granted	6/26/2017	29/608,839	4/20/2021	D,916,713

Welch Allyn, Inc.	Central Station Integration of Patient Data	Granted	6/26/2017	15/632,626	6/25/2019	10,332,629
Welch Allyn, Inc.	Physiological Parameter Measuring System	Granted	7/10/2017	15/645,391	7/24/2018	10,028,660
Welch Allyn, Inc.	Physical Parameter Measuring	Granted	7/14/2017	15/649,769	2/2/2021	10,905,376
Welch Allyn, Inc.	Through Focus Retinal Image Capturing	Granted	7/17/2017	15/651,853	10/13/2020	10,799,115
Welch Allyn, Inc.	Physiological Monitoring and Related Methods	Granted	7/19/2017	15/654,039	6/22/2021	11,039,795
Welch Allyn, Inc.	Temperature-Measurement Probe	Granted	7/28/2017	15/662,919	8/21/2018	10,054,498
Welch Allyn, Inc.	Ophthalmoscope Device	Granted	7/28/2017	15/662,363	12/25/2018	10,159,409
Welch Allyn, Inc.	Medical Device with Context-Specific Interfaces	Granted	8/4/2017	15/669,568	6/15/2021	11,037,678
Welch Allyn, Inc.	Patient Monitoring System	Granted	8/17/2017	15/679,570	2/4/2020	10,548,476
Welch Allyn, Inc.	Motion Sensitive and Capacitor Powered Handheld Device	Granted	8/24/2017	15/685,188	5/7/2019	10,278,681

Welch Allyn, Inc.	Non Contact Thermometry Systems and Methods	Granted	8/31/2017	15/692,222	5/5/2020	10,638,936
Welch Allyn, Inc.	Systems and Methods for Blood Pressure Measurement	Application	9/1/2017	15/694,413		
Welch Allyn, Inc.	Non-Invasive Determination of Disease States	Granted	9/15/2017	15/705,986	4/21/2020	10,624,587
Welch Allyn, Inc.	Electrode with Charge-Operated Indicator	Granted	10/4/2017	15/724,580	6/5/2018	9,986,930
Welch Allyn, Inc.	Probe Cover Container Identification	Granted	10/16/2017	15/784,654	12/18/2018	10,156,481
Welch Allyn, Inc.	IR Thermometry Probe Cover	Granted	10/16/2017	15/784,791	1/22/2019	10,184,842
Welch Allyn, Inc.	Systems and Methods for Determining Patient Temperature	Granted	10/20/2017	15/789,233	12/31/2019	10,517,486
Welch Allyn, Inc.	Secure Patient Data in Medical Environments	Granted	10/27/2017	15/796,323	4/7/2020	10,614,914
Welch Allyn, Inc.	Fundus Imaging System	Granted	1/16/2018	15/872,680	8/13/2019	10,376,141

Welch Allyn, Inc.	Body Worn Physiological Sensor Device Having a Disposable Electrode Module	Granted	1/26/2018	15/880,712	12/25/2018	10,159,422
Welch Allyn, Inc.	Modular Monitoring Smart Bed	Granted	1/30/2018	15/883,428	3/16/2021	10,945,679
Welch Allyn, Inc.	Wireless Ambulatory Care Network	Granted	2/2/2018	15/887,713	4/7/2020	10,616,740
Welch Allyn, Inc.	Vaginal Speculum Apparatus	Granted	2/5/2018	15/888,248	8/13/2019	10,376,138
Welch Allyn, Inc.	Medical Reporting System and Method	Granted	2/16/2018	15/932,210	12/10/2019	10,504,620
Welch Allyn, Inc.	Impedance Measurement System	Granted	3/12/2018	15/918,812	5/11/2021	11,000,230
Welch Allyn, Inc.	Selective Illumination Fundus Imaging	Granted	3/13/2018	15/919,955	3/10/2020	10,582,853
Welch Allyn, Inc.	Pupil Edge Detection in Digital Imaging	Granted	3/20/2018	15/926,121	7/14/2020	10,713,483
Welch Allyn, Inc.	Patient Data Management	Application	3/27/2018	15/937,090		

Welch Allyn, Inc.	Cuffless Blood Pressure Determination with a Patient Specific, Variable Calibration	Application	4/19/2018	15/956,850		
Welch Allyn, Inc.	SpO2 Array for Wearable Device	Application	4/25/2018	15/962,380		
Welch Allyn, Inc.	Ophthalmoscope Device	Granted	5/4/2018	15/971,693	7/2/2019	10,335,029
Welch Allyn, Inc.	Retinal Image Capturing	Granted	5/15/2018	15/980,498	12/18/2018	10,154,782
Welch Allyn, Inc.	Fundus Image Capturing	Granted	5/16/2018	15/981,129	7/28/2020	10,726,547
Welch Allyn, Inc.	Vital Signs Monitor with a Removable and Dischargeable Battery	Application	5/31/2018	15/993,667		
Welch Allyn, Inc.	Ophthalmological Teaching Aid	Granted	5/31/2018	15/993,673	12/8/2020	10,861,352
Welch Allyn, Inc.	Method And Apparatus For Controlling Accommodation And Pupil Size During An Eye Examination	Granted	5/31/2018	15/993,910	7/7/2020	10,702,147
Welch Allyn, Inc.	Medical Device	Granted	6/6/2018	29/650,401	12/15/2020	D905,237

Welch Allyn, Inc.	Physiological Parameter Measuring Platform Device	Granted	6/13/2018	16/007,343	6/22/2021	11,039,797
Welch Allyn, Inc.	Imager for Medical Device	Granted	6/19/2018	16/012,021	2/16/2021	10,918,278
Welch Allyn, Inc.	Digital Colposcope System	Granted	6/21/2018	16/014,870	10/13/2020	10,799,105
Welch Allyn, Inc.	Medical Device	Granted	6/22/2018	29/654,308	12/15/2020	D905,238
Welch Allyn, Inc.	Boreoscopic Optical System for Medical Diagnostic Instruments and Medical Diagnostic Instruments Having Interlocking Assembly Features	Granted	6/25/2018	16/016,757	2/4/2020	10,548,468
Welch Allyn, Inc.	Optical Device	Application	8/17/2018	29/660,164		
Welch Allyn, Inc.	Optical Device	Granted	8/17/2018	29/660,167	11/3/2020	D901,010
Welch Allyn, Inc.	Handle for an Optical Device, Medical Device, or the like	Granted	8/17/2018	29/660,169	11/3/2020	D901,011
Welch Allyn, Inc.	Optical Device	Granted	8/17/2018	29/660,164	9/29/2020	D897,528

Welch Allyn, Inc.	Connector for Medical Equipment	Application	8/21/2018	16/107,514		
Welch Allyn, Inc.	Physiological Parameter Sensing System with Heat Isolation Mechanism	Application	8/28/2018	16/114,319		
Welch Allyn, Inc.	Physiological Parameter Monitor with a Clear and an Equipment Module Removably Attachable to the Clear	Application	10/1/2018	16/148,113		
Welch Allyn, Inc.	Modular Vital Signs Monitor	Application	10/3/2018	16/150,572		
Welch Allyn, Inc.	Automatic Fundus Image Capture System	Granted	10/12/2018	16/158,714	9/1/2020	10,758,119
Welch Allyn, Inc.	Visual Acuity Examination	Application	10/30/2018	16/175,249		
Welch Allyn, Inc.	Connectors for Medical Equipment	Application	11/2/2018	16/179,304		
Welch Allyn, Inc.	Reducing False Alarms in Patient Monitoring	Application	11/8/2018	16/184,364		
Welch Allyn, Inc.	Retinal Image Capturing	Granted	11/16/2018	16/193,667	1/7/2020	10,524,653



Welch Allyn, Inc.	Body Worn Physiological Sensor Device Having a Disposable Electrode Module	Granted	12/11/2018	16/215,698	3/9/2021	10,939,839
Welch Allyn, Inc.	Connectors for Medical Equipment	Application	12/20/2018	16/228,113		
Welch Allyn, Inc.	Connectors for Medical Equipment	Granted	12/20/2018	16/228,113	9/17/2019	10,413,199
Welch Allyn, Inc.	Fundus Image Capturing	Granted	12/21/2018	16/229,939	5/4/2021	10,993,613
Welch Allyn, Inc.	Medical Device	Granted	1/9/2019	29/676,212	12/15/2020	D905,239
Welch Allyn, Inc.	Medical Device	Granted	1/9/2019	29/676,213	12/15/2020	D905,240
Welch Allyn, Inc.	Electronic Display Screen of A Medical Device With An Icon	Granted	1/9/2019	29/676,177	4/21/2020	D881,938
Welch Allyn, Inc.	Physical Assessment Device	Granted	1/15/2019	16/248,482	10/19/2021	11,147,441
Welch Allyn, Inc.	Patient-Specific Visual Guidance for Accurate Placement of ECG Monitoring Electrodes	Granted	1/17/2019	16/249,968	10/5/2021	11,134,895
Welch Allyn, Inc.	IR Thermometry Probe Cover	Granted	1/18/2019	16/251,774	11/3/2020	10,823,621

Welch Allyn, Inc.	User Interface Enhancements for Physiological Parameter Monitoring Platform Devices	Application	1/24/2019	16/256,527		
Welch Allyn, Inc.	Recyclable or Biodegradable Blood Pressure Cuff	Application	2/1/2019	16/264,823		
Welch Allyn, Inc.	Digital-Based Medical Devices	Application	2/8/2019	16/270,750		
Welch Allyn, Inc.	Pupil Edge Region Removal in Digital Imaging	Granted	3/19/2019	16/357,992	3/16/2021	10,949,969
Welch Allyn, Inc.	Fundus Image Capture System	Granted	4/2/2019	16/373,315	11/16/2021	11,172,817
Welch Allyn, Inc.	Low Acuity Vitals System Architecture	Granted	4/19/2019	16/389,104	2/9/2021	10,915,315
Welch Allyn, Inc.	Retinal Image Capturing	Granted	5/17/2019	16/415,019	8/24/2021	11,096,574
Welch Allyn, Inc.	Ophthalmoscope Device	Granted	5/21/2019	16/418,382	6/9/2020	10,674,907
Welch Allyn, Inc.	Thermal Powered Medical Device	Granted	5/29/2019	16/424,872	10/27/2020	10,813,546
Welch Allyn, Inc.	Handle	Application	6/5/2019	29/693,823		
Welch Allyn, Inc.	Handle	Application	6/5/2019	29/693,824		

Welch Allyn, Inc.	Handle	Application	6/5/2019	29/693,826		
Welch Allyn, Inc.	Charger	Granted	6/5/2019	29/693,835	11/16/2021	D,935,999
Welch Allyn, Inc.	Handle	Granted	6/5/2019	29/693,823	9/29/2020	D897,184
Welch Allyn, Inc.	Handle	Granted	6/5/2019	29/693,824	9/29/2020	D897,185
Welch Allyn, Inc.	Handle	Granted	6/5/2019	29/693,826	9/29/2020	D897,186
Welch Allyn, Inc.	Pedestal	Application	6/7/2019	29/694,178		
Welch Allyn, Inc.	Scanner	Granted	6/7/2019	29/694,179	6/8/2021	D,921,899
Welch Allyn, Inc.	Assessment of Fundus Images	Granted	6/17/2019	16/443,234	10/5/2021	11,138,732
Welch Allyn, Inc.	Medical Device Illuminator and Charging System	Application	7/12/2019	16/509,551		
Welch Allyn, Inc.	Vision Screening Apparatus with a Visual Acuity Protocol Compliance Feature and an Associated Method of Vision Screening	Application	7/18/2019	16/515,495		
Welch Allyn, Inc.	Medical Device	Granted	7/22/2019	29/698,962	1/5/2021	D907,212

Welch Allyn, Inc.	Vision Screening Device and Methods	Application	7/25/2019	16/522,028		
Welch Allyn, Inc.	Vaginal Speculum Apparatus	Application	8/12/2019	16/537,726		
Welch Allyn, Inc.	Connectors for Medical Equipment	Granted	9/16/2019	16/571,593	11/3/2020	10,820,812
Welch Allyn, Inc.	Digital Oroscope	Granted	11/8/2019	16/677,950	7/27/2021	11,071,446
Welch Allyn, Inc.	Vital Sign Detection and Measurement	Application	1/21/2020	16/748,293		
Welch Allyn, Inc.	Selective Illumination Fundus Imaging	Application	1/30/2020	16/776,866		
Welch Allyn, Inc.	Boreoscopic Optical System for Medical Diagnostic Instruments and Medical Diagnostic Instruments Having Interlocking Assembly Features	Application	2/3/2020	16/779,728		

Welch Allyn, Inc.	Integrated Illumination Assembly for Handheld Medical Devices	Application	2/25/2020	16/800,578		
Welch Allyn, Inc.	Non-Invasive Determination of Disease States	Application	2/27/2020	16/803,541		
Welch Allyn, Inc.	Extended wear multi-day electrode for vital sign patch	Application	3/3/2020	16/807,612		
Welch Allyn, Inc.	Speculum Tip Element and Method for Optimizing Light Efficiency/Emission of a Speculum Tip Element	Application	3/16/2020	16/820,000		
Welch Allyn, Inc.	Charger	Granted	3/25/2020	29/729,228	7/27/2021	D,926,128
Welch Allyn, Inc.	Sepsis Detection and Monitoring	Application	3/27/2020	16/832,672		
Welch Allyn, Inc.	Vital Sign Detection and Measurement	Application	4/10/2020	16/845,878		
Welch Allyn, Inc.	Skin Feature Imaging System	Application	4/24/2020	16/857,486		

Welch Allyn, Inc.	Non-Contact Thermometry Systems and Methods	Application	5/1/2020	16/864,451		
Welch Allyn, Inc.	Photoplethysmography Device with a Compensation Current Source	Application	5/15/2020	16/875,244		
Welch Allyn, Inc.	Photoplethysmograph Device with Reflective and/or Warning Capability and Associated Methods	Application	5/15/2020	16/875,383		
Welch Allyn, Inc.	Digital Image Screening and/or Diagnosis Using Artificial Intelligence	Application	6/1/2020	15/929,978		
Welch Allyn, Inc.	Medical Device Support System	Application	6/2/2020	16/890,448		
Welch Allyn, Inc.	Digital Oroscope	Granted	6/18/2020	16/904,676	4/6/2021	10,966,600
Welch Allyn, Inc.	Fundus Image Capturing	Application	6/19/2020	16/906,057		
Welch Allyn, Inc.	Retinal Image Capturing	Application	8/5/2020	16/947,532		
Welch Allyn, Inc.	Detecting Artifacts from a Signal	Application	8/28/2020	17/006,461		

Welch Allyn, Inc.	Systems and Methods to Facilitate Vision Screening and Reporting	Application	9/22/2020	17/028,996		
Welch Allyn, Inc.	Patent Photosensor	Application	9/24/2020	17/030,716		
Welch Allyn, Inc.	Systems and Methods for Temperature Determination	Application	9/25/2020	16/948,619		
Welch Allyn, Inc.	Economical, Environmentally Friendly, Disposable Blood Pressure Cuffs And Method Of Manufacturing	Application	10/23/2020	17/079,145		
Welch Allyn, Inc.	Reversible Blood Pressure Measurement Cuff And Manufacturing Method Therefor	Application	10/23/2020	17/079,091		
Welch Allyn, Inc.	IR Thermometry Probe Cover	Application	10/30/2020	17/085,527		
Welch Allyn, Inc.	Connectors for Medical Equipment	Application	11/2/2020	17/086,901		
Welch Allyn, Inc.	Medical Viewing Device (CON of 10689.USF1)	Application	11/20/2020	29/759,158		

Welch Allyn, Inc.	Medical Viewing Device (CON of 10689.USF1)	Application	11/20/2020	29/759,166		
Welch Allyn, Inc.	Medical Viewing Device (CON of 10688.USF1)	Application	11/25/2020	29/759,833		
Welch Allyn, Inc.	Medical Viewing Device (CON of 10688.USF1)	Application	11/25/2020	29/759,854		
Welch Allyn, Inc.	Eye Accommodation Control	Application	2/10/2021	63/147,904		
Welch Allyn, Inc.	Photorefractive Ocular Screening Device and Methods	Application	2/10/2021	17/172,827		
Welch Allyn, Inc.	Method and Apparatus for Delivering a Substance to an Individual (Con of 10271.US01)	Application	2/18/2021	17/179,187		
Welch Allyn, Inc.	Wearable Device for Sensing Vital Signs	Application	2/23/2021	17/182,355		
Welch Allyn, Inc.	Detection of Brief Episodes of Atrial Fibrillation	Application	2/26/2021	63/154,586		



Welch Allyn, Inc.	Biomedical Electrode	Application	3/1/2021	17/188,527		
Welch Allyn, Inc.	Non Contact Thermometer	Application	3/9/2021	63/158,528		
Welch Allyn, Inc.	Enhanced Reporting And Charting Of Vital Signs And Other Patient Parameters	Application	3/12/2021	63/160,632		
Welch Allyn, Inc.	Automated Disease Identification Based On Ophthalmic Images	Application	3/31/2021	63/168,873		
Welch Allyn, Inc.	Fundus Image Capturing (Con of 10663,US01)	Application	4/1/2021	17/220,005		
Welch Allyn, Inc.	Medical Device Packaging With Integrated Training Or Teaching Simulator	Application	4/19/2021	63/258,224		
Welch Allyn, Inc.	Physical Assessment Device	Application	4/19/2021	63/258,226		
Welch Allyn, Inc.	Increasing Battery Life in Handheld Device	Application	4/19/2021	63/176,863		

Welch Allyn, Inc.	Visually Linear and Discrete Dimming for Ophthalmoscopes and Orosopes	Application	4/19/2021	63/176,853		
Welch Allyn, Inc.	Physical Assessment Device	Application	4/19/2021	63/201,221		
Welch Allyn, Inc.	Hydrogel Pad	Application	4/26/2021	17/240,431		
Welch Allyn, Inc.	Electrocardiogram Device And Docking Stations	Application	4/29/2021	63/181,445		
Welch Allyn, Inc.	Extended Wear Electrode Baseline Determination for Wearable Device	Application	4/30/2021	17/245,632		
Welch Allyn, Inc.	Vision Screening Systems and Methods	Application	5/4/2021	17/307,488		
Welch Allyn, Inc.	Scanner	Application	5/4/2021	29/782,077		
Welch Allyn, Inc.	Systems and Methods for Configuring an Optical Light Path	Application	5/6/2021	17/313,669		

Welch Allyn, Inc.	Impedance Measurement System (Con of 10560, USC2)	Application	5/10/2021	17/316,014		
Welch Allyn, Inc.	Printed material and computer display, electronic screen, display screen, or Electronic display with icon	Application	5/19/2021	29/784,350		
Welch Allyn, Inc.	Wearable Device for Sensing Vital Signs	Application	5/25/2021	17/329,277		
Welch Allyn, Inc.	Active Stethoscope	Application	5/27/2021	17/331,930		
Welch Allyn, Inc.	Temperature Screening Systems and Methods	Application	5/28/2021	17/333,956		
Welch Allyn, Inc.	Wearable Health Management System	Application	6/8/2021	17/341,715		
Welch Allyn, Inc.	Wearable Health Management System	Application	6/8/2021	17/341,742		

Welch Allyn, Inc.	Vision Screening Systems and Methods	Application	6/10/2021	17/344,838		
Welch Allyn, Inc.	Determining Refraction Using Eccentricity in a Vision Screening System	Application	6/14/2021	17/347,079		
Welch Allyn, Inc.	Detecting and Tracking Macular Degeneration	Application	6/14/2021	17/346,454		
Welch Allyn, Inc.	Charger	Application	6/22/2021	29/795,982		
Welch Allyn, Inc.	Artificial Intelligence Assisted Physician Skill Accreditation	Application	6/25/2021	17/304,780		
Welch Allyn, Inc.	Image Capture Systems And Methods For Identifying Abnormalities Using Multispectral Imaging	Application	7/6/2021	63/218,551		
Welch Allyn, Inc.	Microvascular Assessment Using Eye Imaging Device	Application	7/6/2021	17/368,041		

Welch Allyn, Inc.	Stroke Scale Assessment	Application	7/6/2021	17/368,095		
Welch Allyn, Inc.	Dermal Image Capture	Application	7/7/2021	17/369,099		
Welch Allyn, Inc.	Retinal Vital Sign Assessment	Application	7/12/2021	63/220,786		
Welch Allyn, Inc.	Multispectral Fundus Imaging	Application	7/12/2021	63/220,803		
Welch Allyn, Inc.	Digital Oroscope	Application	7/13/2021	17/374,211		
Welch Allyn, Inc.	Retinal Image Capturing (Con of 10679.USU1)	Application	7/19/2021	17/379,404		
Welch Allyn, Inc.	Eye Imaging Devices	Application	7/20/2021	17/443,047		
Welch Allyn, Inc.	Regularized Multiple-Input Pain Assessment And Trend	Application	7/26/2021	63/225,933		
Welch Allyn, Inc.	Fundus Imaging for Microvascular Assessment	Application	7/27/2021	17/386,173		
Welch Allyn, Inc.	Medical Examination System Enabling Interchangeable Operating Modes	Application	8/3/2021	17/392,643		

Welch Allyn, Inc.	Determining Color Vision Ability Using A Vision Screening Device	Application	8/13/2021	63,232,999		
Welch Allyn, Inc.	Assessment of Fundus Images	Application	8/16/2021	17,402,831		
Welch Allyn, Inc.	Continuous Patient Monitoring	Application	8/27/2021	63,237,758		
Welch Allyn, Inc.	Patient Monitoring For Alarm Management	Application	9/10/2021	63,242,698		
Welch Allyn, Inc.	Injection Depth Indication Via Injection Needle Illumination	Application	9/13/2021	63,243,672		
Welch Allyn, Inc.	Physical Assessment Device	Application	9/23/2021	17,483,347		
Welch Allyn, Inc.	Method and Apparatus for Accurate Placement of Electrocardiogram Electrodes	Application	10/1/2021	17,492,130		
Welch Allyn, Inc.	Medical Viewing Device	Application	11/1/2021	29,813,760		
Welch Allyn, Inc.	Medical Viewing Device	Application	11/1/2021	29,813,764		
Welch Allyn, Inc.	Medical Viewing Device	Application	11/1/2021	29,813,770		

Welch Allyn, Inc.	Vision Screening Systems and Methods	Application	11/19/2021	17/531,320		
Welch Allyn, Inc.	Alarm Management For Monitored Physiological Variables	Application	12/1/2021	63/264,735		
Welch Allyn, Inc.	Technologies For Determining A Risk Of Developing Atrial Fibrillation	Application	12/2/2021	63/285,177		
Welch Allyn, Inc. & Kaz USA, Inc.	IR thermometry probe cover	Granted	8/2/2011	13/196,700	11/4/2014	8,876,373
Welch Allyn, Inc. & Kaz USA, Inc.	Cover of a probe or the like	Granted	8/2/2012	29/429,431	7/2/2013	D685,482
Welch Allyn, Inc. & Kaz USA, Inc.	Cover of a probe or the like	Granted	5/21/2013	29/455,442	11/4/2014	D716,953
Welch Allyn, Inc. & Kaz USA, Inc.	Cover for a probe	Granted	12/20/2013	29/477,379	5/23/2017	D787,683
Welch Allyn, Inc. & Kaz USA, Inc.	Cover For a Probe or the Like	Granted	3/17/2017	29/597,457	7/2/2019	D852,964
Welch Allyn, Inc. & Kaz USA, Inc.	Cover for a Probe or the Like	Application	5/5/2021	29/782,268		

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.	Loss Prevention System	Granted	2011-11-17	13/298,356	2014-03-25	8,680,999
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 Programs	Granted	2010-05-28	12/790,198	2014-08-05	8,799,767
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.	Electrode with Charge-Operated Indicator	Granted	2013-03-15	13/836,738	2017-11-07	9,808,170
Voalte, Inc.	Augmented acknowledgement of alarms and messages in mobile health systems	Granted	9/14/2014	14/485,761	9/8/2015	9,129,501
Voalte, Inc.	Usage modeling for intelligent management of alarms and messages in mobile health systems	Granted	9/14/2014	14/485,750	5/16/2017	9,649,073



Voalte, Inc.	Intelligent presentation of alarms and messages in mobile health systems	Granted	9/14/2014	14,485,760	8/15/2017	9,734,301
Voalte, Inc.	Connection-oriented messaging and signaling in mobile health networks	Granted	6/10/2015	14,735,241	8/29/2017	9,749,825
Voalte, Inc.	Adaptive mobile wireless call rescue	Granted	6/10/2015	14,736,245	1/16/2018	9,872,148
Voalte, Inc.	Event log versioning, synchronization, and consolidation	Granted	10/20/2015	14,918,459	4/25/2017	9,633,088
Voalte, Inc.	Intelligent Integration, Analysis, and Presentation of Notifications in Mobile Health Systems	Granted	7/11/2017	15,647,216	7/9/2019	10,347,373
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

**Release of the Intellectual Property Security Agreement Supplement, dated as of October 22, 2021, entered into by Bardy Diagnostics, Inc. in favor of the Agent, which was sent for recordal with the USPTO as a patent assignment on October 25, 2021**

<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>
Bardy Diagnostics, Inc.	Electrocardiography Monitor	Granted	9/25/2013	61/882,403	11/18/2014	D717955
Bardy Diagnostics, Inc.	Extended Wear Electrode Patch	Granted	11/7/2013	29/472,045	12/01/2015	D744659
Bardy Diagnostics, Inc.	Extended Wear Electrocardiography Patch	Granted	11/14/2013	14/080,717	1/17/2017	9,545,204
Bardy Diagnostics, Inc.	Extended Wear Ambulatory Electrocardiography And Physiological Sensor Monitor	Granted	11/14/2013	14/080,725	8/15/2017	9,730,593
Bardy Diagnostics, Inc.	Self-Authenticating Electrocardiography Monitoring Circuit	Granted	11/15/2013	14/082,066	5/23/2017	9,655,538

Bardy Diagnostics, Inc.	Remote Interfacing Of Extended Wear Electrocardiography And Physiological Sensor Monitor	Granted	11/15/2013	14/082,071	9/6/2016	9,433,367
Bardy Diagnostics, Inc.	Self-contained personal air flow sensing monitor	Granted	11/15/2013	14/082,102	6/14/2016	9,364,155
Bardy Diagnostics, Inc.	Event Alerting Through Actigraphy Embedded Within Electrocardiographic Data	Granted	11/16/2013	14/082,108	8/22/2017	9,737,224
Bardy Diagnostics, Inc.	Computer- Implemented System And Method For Providing A Personal Mobile Device-Triggered Medical Intervention	Granted	3/17/2014	14/217,402	01/01/2019	10,165,946
Bardy Diagnostics, Inc.	Method For Constructing A Stress-Plant Physiological Electrode Assembly	Granted	8/19/2014	14/463,571	10/3/2017	9,775,536

Bardy Diagnostics, Inc.	Extended Wear Electrocardiography Patch Using Interlaced Wire Electrodes	Granted	8/19/2014	14/463,585	8/1/2017	9,717,432
Bardy Diagnostics, Inc.	Ambulatory Electrocardiography Monitoring Patch Optimized For Capturing Low Amplitude Cardiac Action Potential Propagation	Granted	9/16/2014	14/488,230	7/11/2017	9,700,227
Bardy Diagnostics, Inc.	Extended Wear Electrode Patch	Granted	9/16/2014	14/488,247	9/13/2016	D766447
Bardy Diagnostics, Inc.	Ambulatory Electrocardiography Monitor Recorder Optimized For Capturing Low Amplitude Cardiac Action Potential Propagation	Granted	9/16/2014	14/488,247	4/11/2017	9,615,763
Bardy Diagnostics, Inc.	Electrocardiography Monitor	Granted	9/16/2014	14/488,247	10/31/2017	D801528
Bardy Diagnostics, Inc.	Electrocardiography Monitor	Granted	9/16/2014	14/488,247	1/15/2019	D838370

Bardy Diagnostics, Inc.	Amblulatory Electrocardiography Monitoring Patch Optimized For Capturing Low Amplitude Cardiac Action Potential Propagation	Granted	9/16/2014	14/488,256	8/1/2017	9,717,433
Bardy Diagnostics, Inc.	Method For Efficiently Encoding And Compressing ECG Data Optimized For Use In An Ambulatory ECG Monitor	Granted	2/4/2015	14/614,265	08/09/2016	9,408,545
Bardy Diagnostics, Inc.	Contact-Activated Extended Wear Electrocardiography And Physiological Sensor Monitor Recorder	Granted	3/12/2015	14/656,615	06/02/2020	10,667,711
Bardy Diagnostics, Inc.	Computer- Implemented System For Secure Physiological Data Collection And Processing	Granted	3/12/2015	14/656,661	4/11/2017	9,619,660

Bardy Diagnostics, Inc.	Ambulatory Extended-Wear Electrocardiography And Syncope Sensor Monitor	Granted	4/10/2015	14/684,260	5/9/2017	9,642,537
Bardy Diagnostics, Inc.	System And Method For Secure Cloud- Based Physiological Data Processing And Delivery	Granted	12/14/2018	16/221,335		
Bardy Diagnostics, Inc.	Wearable Electrocardiography And Physiology Monitoring Ensemble	Granted	6/9/2015	14/734,853	5/23/2017	9,655,537
Bardy Diagnostics, Inc.	Extended Wear Electrocardiography Patch	Granted	6/10/2015	14/736,257	9/6/2016	9,433,380
Bardy Diagnostics, Inc.	Extended Wear Electrode Patch	Granted	9/10/2015	29/539,016	8/1/2017	D793566
Bardy Diagnostics, Inc.	Method For Addressing Medical Conditions Through A Wearable Health Monitor With The Aid Of A Digital Computer	Granted	10/5/2015	14/875,622	11/29/2016	9,504,423

Bardy Diagnostics, Inc.	Method For Providing Dynamic Gain Over Electrocardiographic Data With The Aid Of A Digital Computer	Granted	1/15/2016	14/997,416	5/24/2016	9,345,414
Bardy Diagnostics, Inc.	System and Method for Facilitating Diagnosis of Cardiac Rhythm Disorders with the Aid of a Digital Computer	Granted	3/10/2016	15/066,883	08/09/2016	9,408,551
Bardy Diagnostics, Inc.	System and Method for Electrocardiographic Data Signal Gain Determination With the Aid of A Digital Computer	Granted	5/23/2016	15/162,489	1/31/2017	9,554,715
Bardy Diagnostics, Inc.	Extended Wear Electrocardiography And Respiration- Monitoring Patch	Granted	6/13/2016	15/181,082	1/17/2017	9,545,228

Bardy Diagnostics, Inc.	Monitor Recorder- Implemented Method for Electrocardiography Value Encoding and Compression	Granted	8/8/2016	15/231,657	8/15/2017	9,730,641
Bardy Diagnostics, Inc.	System and Method for Facilitating Diagnosis of Cardiac Rhythm Disorders with the Aid of a Digital Computer	Granted	8/8/2016	15/231,752	8/14/2018	10,045,709
Bardy Diagnostics, Inc.	Remote Interfacing of Extended Wear Electrocardiography and Physiological Sensor Monitor	Granted	9/2/2016	15/256,266	11/21/2017	9,820,665
Bardy Diagnostics, Inc.	Extended Wear Electrocardiography Patch	Granted	9/2/2016	15/256,189	6/26/2018	10,004,415



Bardy Diagnostics, Inc.	Method For Addressing Medical Conditions Through A Wearable Health Monitor With The Aid Of A Digital Computer	Granted	11/28/2016	15/362,743	10/17/2017	9,788,722
Bardy Diagnostics, Inc.	Electrocardiography And Respiratory Monitor Recorder	Granted	1/13/2017	15/406,550	5/1/2018	9,955,911
Bardy Diagnostics, Inc.	Electrocardiography Patch	Granted	1/13/2017	15/406,627	2/27/2018	9,901,274
Bardy Diagnostics, Inc.	Ambulatory Rescalable Encoding Monitor Recorder	Granted	1/30/2017	15/420,032	8/22/2017	9,737,211
Bardy Diagnostics, Inc.	System And Method For Physiological Data Processing And Delivery	Granted	3/28/2017	15/472,183	5/1/2018	9,955,885
Bardy Diagnostics, Inc.	Ambulatory Electrocardiography Monitor Recorder Optimized For Internal Signal Processing	Granted	4/10/2017	15/483,142	5/1/2018	9,955,888

Bardy Diagnostics, Inc.	Wearable Electrocardiography And Physiology Monitoring Ensemble	Granted	5/22/2017	15/602,003	4/9/2019	10,251,575
Bardy Diagnostics, Inc.	Self-Authenticating Electrocardiography Monitoring Circuit	Granted	5/22/2017	15/602,007	9/3/2019	10,398,334
Bardy Diagnostics, Inc.	Remote Interfacing of Extended Wear Electrocardiography and Physiological Sensor Monitor	Granted	5/25/2017	15/605,842	10/8/2019	10,433,748
Bardy Diagnostics, Inc.	Extended Wear Electrocardiography Monitor Optimized For Capturing Low Amplitude Cardiac Action Potential Propagation	Granted	7/10/2017	15/645,708	10/30/2018	10,111,601
Bardy Diagnostics, Inc.	An Extended Wear Sewn Electrode Electrocardiography Monitor	Granted	7/27/2017	15/661,362	4/23/2019	10,264,992

Bardy Diagnostics, Inc.	Extended Wear Electrocardiography Patch With Wire Contact Surfaces	Granted	7/27/2017	15/662,192	12/18/2018	10,154,793
Bardy Diagnostics, Inc.	Extended Wear Electrode Patch	Granted	7/31/2017	29/612,332	10/23/2018	D831833
Bardy Diagnostics, Inc.	Extended Wear Electrode Patch	Granted	7/31/2017	29/612,334	08/04/2020	D892,340
Bardy Diagnostics, Inc.	Monitor Recorder- Implemented Method For Electrocardiography Data Compression	Granted	8/14/2017	15/676,174	07/21/2020	10,716,516
Bardy Diagnostics, Inc.	Extended Wear Ambulatory Electrocardiography And Physiological Sensor Monitor	Granted	8/14/2017	15/676,896	11/19/2019	10,478,083
Bardy Diagnostics, Inc.	Electrocardiography And Actigraphy Monitoring System	Granted	8/18/2017	15/681,064	9/17/2019	10,413,205

Bardy Diagnostics, Inc.	System And Method For Providing Dynamic Gain Over Non- noise Electrocardiographic Data With The Aid Of A Digital Computer	Granted	8/21/2017	15/682,242	8/21/2018	10,052,022
Bardy Diagnostics, Inc.	Method For Constructing Physiological Electrode Assembly with Interlaced Wire Interconnects	Granted	10/2/2017	15/722,300	4/23/2019	10,271,755
Bardy Diagnostics, Inc.	Health Monitoring Apparatus For Initiating A Treatment Of A Patient With The Aid Of A Digital Computer	Granted	10/16/2017	15/785,317	4/10/2018	9,936,875
Bardy Diagnostics, Inc.	Remote Interfacing Electrocardiography Patch	Granted	11/20/2017	15/818,437	01/08/2019	10,172,534

Bardy Diagnostics, Inc.	Subcutaneous P- Wave Centric Insertable Cardiac Monitor For Long Term Electrocardiographic Monitoring	Application	12/5/2017	15/832,385		
Bardy Diagnostics, Inc.	Electrocardiography Patch	Granted	2/26/2018	15/905,715	08/31/2021	11,103,173
Bardy Diagnostics, Inc.	System and Method For ECG Data Classification For Use In Facilitating Diagnosis Of Cardiac Rhythm Disorders With The Aid Of A Digital Computer	Granted	3/23/2018	15/934,888	4/9/2019	10,251,576
Bardy Diagnostics, Inc.	Health Monitoring Apparatus With Wireless Capabilities For Initiating A Patient Treatment With The Aid Of A Digital Computer	Granted	4/9/2018	15/948,915	11/13/2018	10,123,703

Bardy Diagnostics, Inc.	Monitor Recorder Optimized For Electrocardiography And Respiratory Data Acquisition And Processing	Granted	4/30/2018	15/966,882	4/23/2019	10,265,015
Bardy Diagnostics, Inc.	System And Method For Secure Physiological Data Acquisition And Storage	Granted	4/30/2018	15/966,896	5/7/2019	10,278,603
Bardy Diagnostics, Inc.	Monitor Recorder Optimized For Electrocardiographic Signal Processing	Granted	4/30/2018	15/966,910	4/30/2019	10,271,756
Bardy Diagnostics, Inc.	System And Method For Facilitating A Cardiac Rhythm Disorder Diagnosis With The Aid Of A Digital Computer	Granted	8/13/2018	16/102,608	08/11/2020	10,736,532

Bardy Diagnostics, Inc.	System And Method For Applying A Uniform Dynamic Gain Over Cardiac Data With The Aid Of A Digital Computer	Granted	8/20/2018	16/105,603	12/10/2019	10,499,812
Bardy Diagnostics, Inc.	Extended Wear Electrocardiography Monitor Optimized For Capturing Low Amplitude Cardiac Action Potential Propagation	Granted	10/29/2018	16/174,122	5/7/2019	10,278,606
Bardy Diagnostics, Inc.	Subcutaneous Insertable Electrocardiography Monitor	Granted	11/1/2018	16/178,444	08/11/2020	10,736,529
Bardy Diagnostics, Inc.	Insertable Cardiac Monitor For Use In Performing Long Term Electrocardiographic Monitoring	Granted	11/1/2018	16/178,455	04/21/2020	10,624,551

Bardy Diagnostics, Inc.	System And Method For Facilitating A Cardiac Rhythm Disorder Diagnosis Based On Subcutaneous Cardiac Monitoring Data	Granted	11/1/2018	16/178,463	10/8/2019	10,433,751
Bardy Diagnostics, Inc.	Subcutaneous Insertable Cardiac Monitor Optimized For Long Term, Low Amplitude Electrocardiographic Data Collection	Granted	11/1/2018	16/178,468	08/11/2020	10,736,531
Bardy Diagnostics, Inc.	Health Monitoring Apparatus For Initiating A Treatment Of A Patient Based On Physiological Data With The Aid Of A Digital Computer	Granted	11/9/2018	16/186,392	8/27/2019	10,390,700



Bardy Diagnostics, Inc.	System And Method For Machine- Learning-Based Atrial Fibrillation Detection	Granted	11/26/2018	16/200,089	11/5/2019	10,463,269
Bardy Diagnostics, Inc.	Self-Expiring Electrocardiography And Physiological Sensor Monitor	Application	12/3/2018	16/208,450		
Bardy Diagnostics, Inc.	Extended Wear Ambulatory Electrocardiography And Physiological Sensor Monitor	Granted	12/3/2018	16/208,468	10/20/2020	10,806,360
Bardy Diagnostics, Inc.	Extended Wear Electrocardiography Patch With Wire Contact Surfaces	Granted	12/17/2018	16/221,989	04/28/2020	10,631,748
Bardy Diagnostics, Inc.	Computer- Implemented System And Method For Providing A Personal Mobile Device-Triggered Medical Intervention	Application	12/28/2018	16/236,213		

Bardy Diagnostics, Inc.	Remote Interfacing Electrocardiography Patch	Granted	1/7/2019	16/241,929	01/12/2021	10,888,239
Bardy Diagnostics, Inc.	System And Method For ECG Data Classification For Use In Facilitating Diagnosis Of Cardiac Rhythm Disorders	Granted	4/8/2019	16/378,312	12/01/2020	10,849,523
Bardy Diagnostics, Inc.	Wearable Electrocardiography And Physiology Monitoring Ensemble	Granted	4/8/2019	16/378,458	03/09/2021	10,939,841
Bardy Diagnostics, Inc.	Electrocardiography And Respiratory Monitor	Granted	4/19/2019	16/389,863	03/31/2020	10,602,977
Bardy Diagnostics, Inc.	Monitor Recorder Optimized For Electrocardiographic Potential Processing	Granted	4/29/2019	16/397,091	02/18/2020	10,561,326

Bardy Diagnostics, Inc.	Method For Constructing Physiological Electrode Assembly With Integrated Flexible Wire Components	Granted	4/29/2019	16/397,846	04/21/2020	10,624,552
Bardy Diagnostics, Inc.	Method For Secure Physiological Data Acquisition and Storage	Granted	5/6/2019	16/404,228	10/8/2019	10,433,743
Bardy Diagnostics, Inc.	Multipart Electrocardiography Monitor Optimized For Capturing Low Amplitude Cardiac Action Potential Propagation	Granted	5/6/2019	16/404,562	02/18/2020	10,561,328
Bardy Diagnostics, Inc.	System and Method for Facilitating a Cardiac Rhythm Disorder diagnosis with the Aid of a Digital Computer	Granted	8/9/2019	16/537,408	10/13/2020	10,799,137

Bardy Diagnostics, Inc.	System And Method For Patient Medical Care Initiation Based On Physiological Monitoring Data With The Aid Of A Digital Computer	Granted	8/26/2019	16/551,213	12/22/2020	10,869,601
Bardy Diagnostics, Inc.	Self-Authenticating Electrocardiography And Physiological Sensor Monitor	Application	9/2/2019	16/558,231		
Bardy Diagnostics, Inc.	System And Method For Composite Display Of Subcutaneous Cardiac Monitoring Data	Granted	10/7/2019	16/595,226	10/27/2020	10,813,567
Bardy Diagnostics, Inc.	Extended Wear Electrocardiography And Physiological Sensor Monitor	Granted	10/7/2019	16/595,350	05/18/2021	11,006,883

Bardy Diagnostics, Inc.	System And Method For Classifier-Based Atrial Fibrillation Detection With The Aid Of A Digital Computer	Granted	11/4/2019	16/673,004	10/27/2020	10,813,568
Bardy Diagnostics, Inc.	Extended Wear Ambulatory Electrocardiography And Physiological Sensor Monitor	Application	11/14/2019	16/684,386		
Bardy Diagnostics, Inc.	Ambulatory Encoding Monitor Recorder Optimized For Rescalable Encoding And Method Of Use	Application	12/9/2019	16/708,319		
Bardy Diagnostics, Inc.	Electrocardiography Monitor Configured For Self-Optimizing Data Compression	Granted	1/7/2020	16/736,582	11/03/2020	10,820,801
Bardy Diagnostics, Inc.	System For Secure Physiological Data Acquisition And Delivery	Granted	1/30/2020	16/593,647	05/25/2021	11,013,446

Bardy Diagnostics, Inc.	Multipart Electrocardiography Monitor	Application	2/5/2020	16/782,951		
Bardy Diagnostics, Inc.	Monitor Recorder Optimized For Electrocardiographic Potential Processing	Application	2/5/2020	16/783,072		
Bardy Diagnostics, Inc.	Electrocardiography And Respiratory Monitor	Granted	3/30/2020	16/835,228	7/6/2021	11,051,754
Bardy Diagnostics, Inc.	Insertable Cardiac Monitor	Application	4/20/2020	16/853,667		
Bardy Diagnostics, Inc.	Subcutaneous P- Wave Centric Insertable Cardiac Monitor With Energy Harvesting Capabilities	Granted	7/2/2020	16/919,626	09/14/2021	11,116,451
Bardy Diagnostics, Inc.	System And Method For Remote Ecg Data Streaming In Real-Time	Granted	7/10/2020	16/926,381	08/24/2021	11,096,579
Bardy Diagnostics, Inc.	Configurable Hardware Platform For Physiological Monitoring Of A Living Body	Application	7/15/2020	16/929,390		

Bardy Diagnostics, Inc.	System And Method For Facilitating A Cardiac Rhythm Disorder Diagnosis With The Aid Of A Digital Computer	Application	8/10/2020	16/989,180		
Bardy Diagnostics, Inc.	Subcutaneous Insertable Cardiac Monitor Optimized For Long-Term Electrocardiographic Monitoring	Application	8/10/2020	16/989,196		
Bardy Diagnostics, Inc.	System And Method For Facilitating A Cardiac Rhythm Disorder Diagnosis With The Aid Of A Digital Computer	Application	10/9/2020	17/067,466		
Bardy Diagnostics, Inc.	Extended Wear Ambulatory Electrocardiography And Physiological Sensor Monitor	Application	10/19/2020	17/074,508		

Bardy Diagnostics, Inc.	System And Method For Event- Centered Display Of Subcutaneous Cardiac Monitoring Data	Application	10/26/2020	17/080,757		
Bardy Diagnostics, Inc.	System And Method For Neural- Network-Based Atrial Fibrillation Detection With The Aid Of A Digital Computer	Application	10/26/2020	17/080,769		
Bardy Diagnostics, Inc.	Electrocardiography Monitor Configured For Self-Optimizing Ecg Data Compression	Application	10/30/2020	17/086,137		
Bardy Diagnostics, Inc.	Insertable Physiological Monitor Injector Tool	Application	11/23/2020	17/101,984		
Bardy Diagnostics, Inc.	System And Method For Physiological Data Classification For Use In Facilitating Diagnosis	Application	11/30/2020	17/107,797		



Bardy Diagnostics, Inc.	Electrocardiography Patch	Granted	12/11/2020	17/119,945	4/1/2021	11,051,743
Bardy Diagnostics, Inc.	Electrocardiography Patch	Application	12/14/2020	17/121,700		
Bardy Diagnostics, Inc.	System and Method for Long-Term Patient Monitoring of Continuous ECG Data and Physiological Data	Application	1/10/2021	63/135,739		
Bardy Diagnostics, Inc.	System and Method for Patient Medical Care Initiation Based on Implantable Medical Device Data with the Aid of a Digital Computer	Application	1/11/2021	17/145,407		
Bardy Diagnostics, Inc.	Insertable Cardiac Monitor with Induction-Based Recharging Capabilities and a Transmitting Coil for Recharging the Same	Application	1/11/2021	63/135,745		

Bardy Diagnostics, Inc.	System and Method for Data Exchange and Charging	Application	1/11/2021	63/135,752		
Bardy Diagnostics, Inc.	Wearable Electrocardiography And Physiology Monitoring Ensemble	Application	3/8/2021	17/195,264		
Bardy Diagnostics, Inc.	Extended Wear Electrocardiography And Physiological Sensor Monitor	Application	5/17/2021	17/322,713		
Bardy Diagnostics, Inc.	Ambulatory Electrocardiography Monitor	Application	5/24/2021	17/328,696		
Bardy Diagnostics, Inc.	Electrocardiography Patch	Application	7/5/2021	17/367,476		
Bardy Diagnostics, Inc.	Electrocardiography And Respiratory Monitor	Application	7/5/2021	17/367,536		
Bardy Diagnostics, Inc.	System And Method For Remote Ecg Data Streaming In Real-Time	Application	8/23/2021	17/409,654		
Bardy Diagnostics, Inc.	Electrocardiography Patch	Application	8/30/2021	17/461,772		

Bardy Diagnostics, Inc.	Subcutaneous P- Wave Centric Insertable Cardiac Monitor With Energy Harvesting Capabilities	Application	9/13/2021	17/473,201		
Bardy Diagnostics, Inc.	Nonwoven Polymer Fabric Support Backing And Method Of Fabrication Thereof	Application	10/1/2021	63/251,575		
Bardy Diagnostics, Inc.	NONWOVEN POLYMER FABRIC SUPPORT BACKING AND METHOD OF FABRICATION THEREOF	Application	10/1/2021	63251575		

**Release of the Intellectual Property Security Agreement Supplement, dated October 11, 2019, entered into by Breathe Technologies, Inc. in favor of the Agent**

Current Owners	App Title	Status	Filed Date	Application Number	Grant Date	Patent No.
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Breathe Technologies, Inc.	Tracheal Catheter and Prosthesis Method of Repertory Support of a Patient	Granted	2/4/2004	10/771,803	2/10/2009	7,487,778
Breathe Technologies, Inc.	Methods, Systems And Devices For Improving Ventilation In A Lung Area	Granted	6/17/2004	10/870,849	9/15/2009	7,588,033
Breathe Technologies, Inc.	Method And Device For Non-Invasive Ventilation With Nasal Interface	Granted	8/18/2004	10/922,054	8/5/2008	7,406,966
Breathe Technologies, Inc.	Systems, Methods And Apparatus For Respiratory Support Of A Patient	Granted	9/20/2006	11/523,519	5/19/2009	7,533,670
Breathe Technologies, Inc.	Tracheostoma Spacer, Tracheotomy Method, And Device For Inserting A Tracheostoma Spacer	Granted	5/18/2007	11/798,965	12/15/2009	7,631,642

Breathe Technologies, Inc.	Methods And Devices For Minimally Invasive Respiratory Support	Granted	8/3/2007	11/882,530	2/26/2013	8,381,729
Breathe Technologies, Inc.	Method And Device For Non-Invasive Ventilation With Nasal Interface	Granted	3/13/2008	12/076,062	3/20/2012	8,136,527
Breathe Technologies, Inc.	Methods And Devices For Treating Sleep Apnea	Granted	9/26/2008	12/239,719	1/6/2015	8,925,545
Breathe Technologies, Inc.	Methods And Devices For Providing Inspiratory And Expiratory Flow Relief During Ventilation Therapy	Granted	9/26/2008	12/239,723	10/29/2013	8,567,399
Breathe Technologies, Inc.	Systems, Methods And Apparatus For Respiratory Support Of A Patient	Granted	4/14/2009	12/423,397	1/21/2014	8,631,797

Breathe Technologies, Inc.	Methods And Devices For Providing Mechanical Ventilation With An Open Airway Interface	Granted	8/21/2009	12/545,708	3/25/2014	8,677,999
Breathe Technologies, Inc.	Ventilator With Patient Status Intelligence And Automatic Adjustment Capability	Granted	10/1/2009	12/572,033	4/9/2019	10,252,020
Breathe Technologies, Inc.	Methods, Systems And Devices For Non-Invasive Open Ventilation With Gas Delivery Nozzles Within An Outer Tube	Granted	4/2/2010	12/753,851	11/10/2015	9,180,270
Breathe Technologies, Inc.	Methods, Systems And Devices For Non-Invasive Open Ventilation For Treating Airway Obstructions	Granted	4/2/2010	12/753,856	1/5/2016	9,227,034

Breathe Technologies, Inc.	Methods, Systems And Devices For Non-Invasive Open Ventilation With Gas Delivery Nozzles In A Free Space	Granted	4/2/2010	12/753,846	6/13/2017	9,675,774
Breathe Technologies, Inc.	Methods, Systems And Devices For Non-Invasive Open Ventilation For Providing Ventilation Support	Granted	4/2/2010	12/753,854	8/15/2018	10,046,133
Breathe Technologies, Inc.	Methods, Systems and Devices for Non-Invasive Open Ventilation with Gas Delivery Nozzles within Nasal Pillows	Granted	4/2/2010	12/753,853	6/30/2020	10,695,519
Breathe Technologies, Inc.	Systems, Methods And Apparatus For Respiratory Support Of A Patient	Granted	4/30/2010	12/771,651	4/16/2013	8,418,694

Breathe Technologies, Inc.	Methods, Systems And Devices For Non-Invasive Open Ventilation	Granted	9/3/2010	12/876,098	9/15/2015	9,132,250
Breathe Technologies, Inc.	Methods, Systems And Devices For Non-Invasive Open Ventilation	Granted	9/3/2010	12/876,099	5/8/2018	9,962,512
Breathe Technologies, Inc.	Methods And Devices For Sensing Respiration And Controlling Ventilator Functions	Granted	10/18/2010	12/988,469	7/8/2014	8,770,193
Breathe Technologies, Inc.	Methods And Devices For Sensing Respiration And Controlling Ventilator Functions	Granted	10/18/2010	12/988,477	7/15/2014	8,776,793
Breathe Technologies, Inc.	Nasal Interface	Granted	3/31/2011	29/388,700	6/19/2012	D662,200
Breathe Technologies, Inc.	Methods, Systems And Devices Using Lox To Provide Ventilatory Support	Granted	8/16/2011	13/211,248	10/16/2018	10,099,028



Breathe Technologies, Inc.	Methods, Systems And Devices For Humidifying A Respiratory Tract	Granted	9/30/2011	13/251,070	1/27/2015	8,939,152
Breathe Technologies, Inc.	Method And Device For Non-Invasive Ventilation With Nasal Interface	Granted	12/9/2011	13/316,219	11/5/2013	8,573,219
Breathe Technologies, Inc.	Methods, Systems And Devices For Ventilation Using A Nasal Ventilation Mask With A Manifold And Internal Compliant Tube And Nasal Sealing Cushion Assembly	Granted	1/31/2012	13/363,149	12/1/2015	9,199,053
Breathe Technologies, Inc.	Methods, Systems And Devices For Improving Ventilation In A Lung Area	Granted	2/3/2012	13/365,917	2/17/2015	8,955,518

Breathe Technologies, Inc.	Tracheostoma Spacer, Tracheotomy Method, And Device For Inserting A Tracheostoma Spacer	Granted	2/17/2012	13/399,309	3/24/2015	8,985,099
Breathe Technologies, Inc.	Ventilation Mask With Integrated Piloted Exhalation Valve (System)	Granted	3/2/2012	13/411,407	9/23/2014	8,839,791
Breathe Technologies, Inc.	Ventilation Mask With Integrated Piloted Exhalation Valve and Method of Ventilating a Patient Using the Same	Granted	3/2/2012	13/411,348	9/30/2014	8,844,533
Breathe Technologies, Inc.	Dual Pressure Sensor Continuous Positive Airway Pressure (CPAP)	Granted	3/2/2012	13/411,257	1/15/2019	10,179,218

Breathe Technologies, Inc.	Ventilation Mask With Integrated Piloted Exhalation Valve And Method Of Ventilating A Patient Using The Same (Apparatus)	Granted	3/27/2012	13/431,821	11/8/2016	9,486,602
Breathe Technologies, Inc.	Ventilation Mask With Integrated Piloted Exhalation Valve And Method Of Ventilating A Patient Using The Same (Method)	Granted	3/27/2012	13/431,827	4/11/2017	9,616,194
Breathe Technologies, Inc.	Mechanical Ventilation Mask Fit Status Indication	Granted	4/6/2012	13/441,607	3/24/2015	8,985,108
Breathe Technologies, Inc.	Method And System For Operating A Patient Ventilation Device	Granted	6/15/2012	13/524,983	1/26/2018	9,872,965
Breathe Technologies, Inc.	Tubing Connector	Granted	7/6/2012	29/426,533	9/16/2014	D713,524

Breathe Technologies, Inc.	Selective Ramping of Therapeutic Pressure in a Patient	Granted	8/3/2012	13/566,902	8/20/2019	10,384,023
Breathe Technologies, Inc.	Ventilation Mask With Integrated Piloted Exhalation Valve (Tubing And Y-Connector)	Granted	8/10/2012	13/572,368	5/26/2015	9,038,634
Breathe Technologies, Inc.	Dual Pressure Sensor Continuous Positive Airway Pressure (CPAP)	Granted	10/22/2012	13/657,439	7/26/2016	9,399,109
Breathe Technologies, Inc.	Ventilation Mask With Integrated Piloted Exhalation Valve and Method of Ventilating a Patient Using the Same	Granted	3/4/2013	13/784,561	5/3/2016	9,327,092

Breathe Technologies, Inc.	Tubing for Ventilation Mask with Integrated Piloted Exhalation Valve	Granted	3/13/2013	13/798,931	5/26/2015	9,038,635
Breathe Technologies, Inc.	Ventilation Mask With Improved Heat And Moisture Exchange Device	Granted	3/13/2013	13/800,156	1/30/2018	9,878,121
Breathe Technologies, Inc.	Portable Ventilator Secretion Management System	Granted	3/22/2013	13/849,443	12/5/2017	9,833,584
Breathe Technologies, Inc.	Respiratory Cycle Patient Ventilation Flow Limitation Detection	Granted	6/25/2013	13/935,362	8/8/2017	9,724,017
Breathe Technologies, Inc.	Ventilator With Integrated Cooling System	Granted	6/25/2013	13/927,016	10/24/2017	9,795,758
Breathe Technologies, Inc.	Apnea and Hypopnea Detection	Granted	7/3/2013	14/020,729	6/7/2017	9,668,692

Breathe Technologies, Inc.	Continuous Positive Airway Pressure Therapy Target Pressure Comfort Signature	Granted	9/6/2013	14/482,444	5/16/2018	9,987,445
Breathe Technologies, Inc.	Jet Pump Adaptor for Ventilation Interface	Granted	9/6/2013	14/020,032	6/4/2019	10,307,552
Breathe Technologies, Inc.	Methods, Systems And Devices For Humidifying A Respiratory Tract	Granted	10/29/2013	14/066,490	6/7/2016	9,358,358
Breathe Technologies, Inc.	Method for Sleep Detection	Granted	12/12/2013	14/181,431	8/15/2017	9,731,089
Breathe Technologies, Inc.	Method For Detecting Patient Disconnect	Granted	2/14/2014	14/181,435	9/12/2017	9,757,532
Breathe Technologies, Inc.	Oxygen concentrator for high pressure oxygen delivery with oxygen circulation loop and improved portability	Granted	2/14/2014	14/598,637	11/27/2018	10,137,275

Breathe Technologies, Inc.	Methods And Devices For Sensing Respiration And Providing Ventilation Therapy	Granted	3/20/2014	14/221,210	8/28/2018	10,058,668
Breathe Technologies, Inc.	Modular Ventilation System	Granted	3/28/2014	15/411,665	8/6/2019	10,369,320
Breathe Technologies, Inc.	Ventilation Mask With Integrated Piloted Exhalation Valve	Granted	8/28/2014	14/472,124	8/16/2016	9,415,183
Breathe Technologies, Inc.	Continuous Positive Airway Pressure Therapy Auto-Titration	Granted	9/10/2014	14/104,842	6/4/2017	9,669,173
Breathe Technologies, Inc.	Zero Pressure Start Continuous Positive Airway Pressure Therapy	Granted	9/10/2014	14/482,445	1/22/2019	10,183,135
Breathe Technologies, Inc.	Small Profile Headgear Assembly	Granted	1/16/2015	29/486,429	1/12/2016	D747,461

Breathe Technologies, Inc.	Methods, Systems And Devices For Non-Invasive Open Ventilation	Granted	7/9/2015	14/795,539	4/23/2019	10,265,486
Breathe Technologies, Inc.	Methods, Systems And Devices For Non-Invasive Open Ventilation For Treating Airway Obstructions	Granted	12/10/2015	14/964,961	3/19/2019	10,232,136
Breathe Technologies, Inc.	Modular Ventilation System	Application	1/21/2017	16/450,481		
Breathe Technologies, Inc.	Dual Pressure Sensor Continuous Positive Airway Pressure (CPAP)	Application	10/8/2018	16/154,187		
Breathe Technologies, Inc.	Methods, Systems And Devices For Non-Invasive Open Ventilation For Treating Airway Obstructions	Application	3/5/2019	16/292,924		



Breathe Technologies, Inc.	Methods, Systems And Devices For Non-Invasive Open Ventilation	Application	4/5/2019	16/376,161		
Breathe Technologies, Inc.	Jet Pump Adaptor for Ventilation Interface	Application	6/3/2019	16/430,202		
Breathe Technologies, Inc.	Delivery Adaptor for Ventilation	Granted	6/3/2019	13/927,008	3/20/2018	9,919,124
Breathe Technologies, Inc.	Patient Interface With Integrated Jet Pump	Granted	6/24/2019	15/724,169	10/6/2020	10,792,449
Breathe Technologies, Inc.	Portable Oxygen Concentrator Retrofit System and Method	Application	4/29/2020	16/862,240		
Breathe Technologies, Inc.	Methods, Systems and Devices for Non-Invasive Open Ventilation with Gas Delivery Nozzles within an Outer Tube	Application	5/8/2020	16/869,929		

Breathe Technologies, Inc.	O2 Concentrator with Sieve Bed Bypass and Control Method Thereof	Application	5/14/2020	16/874,472		
Breathe Technologies, Inc.	Methods, Systems and Devices for Non-Invasive Open Ventilation with Gas Delivery Nozzles within Nasal Pillows	Application	5/18/2020	16/877,011		
Breathe Technologies, Inc.	Methods, Systems And Devices For Non-Invasive Open Ventilation With Gas Delivery Nozzles Within An Outer Tube	Granted	9/29/2015	14/869,600	7/14/2020	10,709,864
Breathe Technologies, Inc.	Patient Interface with Integrated Jet Pump (Con of 11088, US01)	Application	9/16/2020	17/023,018		

Breathre Technologies, Inc.	Methods, Systems and Devices for Non-Invasive Ventilation with Gas Delivery Nozzles in Free Space (Con. of 11112.USC2)	Application	7/27/2021	17/386,292		
Breathre Technologies, Inc.	Methods, Systems and Devices for Non-Invasive Ventilation Including a Non-Sealing Ventilation Interface with an Entrainment Port and/or Pressure Feature (Con. of 11112.USC3)	Application	7/29/2021	17/388,397		

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