

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT6103045

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
	Name	Execution Date
	COVIDIEN LP	07/28/2017
RECEIVING PARTY DATA		
Name:	KPR U.S., LLC	
Street Address:	777 WEST STREET	
City:	MANSFIELD	
State/Country:	MASSACHUSETTS	
Postal Code:	02048	
PROPERTY NUMBERS Total: 1		
Property Type	Number	
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NAME OF SUBMITTER:	ZIRIATOU AMADOU	
SIGNATURE:	/Ziriatou Amadou/	
DATE SIGNED:	05/12/2020	
Total Attachments: 75		
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PATENT ASSIGNMENT

THIS PATENT ASSIGNMENT ("Patent Assignment") is entered into and effective as of July 28, 2017, by Covidien LP, Delaware limited partnership ("Assignor") in favor of KPR U.S., LLC ("Assignee"), a Delaware limited liability company.

WHEREAS, Medtronic plc ("Seller") and Cardinal Health, Inc. ("Buyer") have entered into a Stock and Asset Purchase Agreement, dated as of April 18, 2017, pertaining to the sale of certain assets owned by Seller and its Affiliates (as amended, supplemented or modified from time to time, the "Master Purchase Agreement"), pursuant to which, on the terms and subject to the conditions set forth in the Master Purchase Agreement, (a) Seller and the Selling Affiliates shall sell, assign, transfer and convey, to Buyer, and Buyer shall purchase, acquire and accept from Seller and the Selling Affiliates, all of Seller and the Selling Affiliates' right, title and interest in and to the Transferred Assets, and (b) Buyer shall assume and discharge and perform when due the Assumed Liabilities;

WHEREAS, Assignor is the owner of legal title to certain Patents included in the Transferred IP, including the Patents listed on Schedule A attached hereto (the "Assigned Patents") (for the avoidance of doubt, Patents listed on Schedule A shall be deemed to be Assigned Patents only to the extent included in the Transferred IP); and

WHEREAS, in furtherance of the Internal Restructuring Steps contemplated by the Master Purchase Agreement, Assignor and Assignee now desire to enter into this Assignment to effect the sale, assignment, transfer, conveyance and delivery to Assignee of the Assigned Patents.

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, the parties agree as follows:

1. Assignor hereby irrevocably sells, assigns, transfers and conveys to Assignee, its successors and assigns, and Assignee hereby accepts the sale, assignment, transfer and conveyance of all of Assignor's rights, title and interests in and to the Assigned Patents and, to the extent included in the Transferred IP, all of Assignor's rights, title and interests in and to the inventions described and claimed in such Assigned Patents, together with the right to claim priority with respect to the Assigned Patents in all foreign countries in accordance with international Law, any and all of Assignor's rights, title and interests in and to corresponding Patents to the extent included in the Transferred IP in foreign countries throughout the world and all of Assignor's rights to bring a claim for past infringement and/or misappropriation with respect to the Assigned Patents.
2. Assignor hereby requests the U.S. Commissioner of Patents and Trademarks and all other relevant patent authorities throughout the world to record this Assignment, as to the Assigned Patents.
3. Subject to the terms and conditions of this Patent Assignment, from and after the date hereof, as applicable, each party will execute and deliver, or cause its Affiliates to execute and deliver, all such documents and instruments and will take, or cause its

Affiliates to take, all such further actions, in each case as may be reasonably necessary to consummate the transactions contemplated by this Patent Assignment.

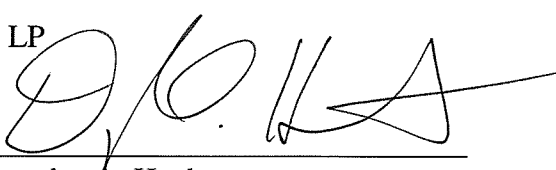
4. This Patent Assignment shall be governed by the law of the State of New York without reference to the choice of law doctrine of such state.
5. For the avoidance of doubt, no assets or rights (including any Patents) are being conveyed or otherwise transferred or assigned hereby unless and to the extent such Patents constitute Transferred IP. None of Assignor, Assignee or their respective Affiliates make any representations and warranties hereby.
6. If any provision of this Assignment (or any portion thereof) or the application of any such provision (or any portion thereof) to any person or circumstance shall be held invalid, illegal or unenforceable in any respect by a court of competent jurisdiction, such invalidity, illegality or unenforceability shall not affect any other provision hereof (or the remaining portion thereof) or the application of such provision to any other persons or circumstances. It is understood that any finding of invalidity of one assignment as effected hereby shall not affect the assignment of other Assigned Patents.
7. Capitalized terms used but not defined herein have the meanings set forth in the Master Purchase Agreement.
8. This Assignment may be executed in multiple counterparts, each of which shall be deemed to be an original but all of which shall constitute one and the same agreement. This Assignment may be executed by facsimile or electronic (.pdf) signature and a facsimile or electronic (.pdf) signature shall constitute an original for all purposes.

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IN WITNESS WHEREOF, the undersigned has caused this Assignment to be executed as of the day and year first written above.

ASSIGNOR:

Covidien LP

By: 

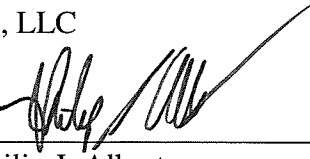
Name: Douglas A. Hoekstra

Title: Vice President & Controller

Accepted by:

ASSIGNEE:

KPR U.S., LLC

By: 

Name: Philip J. Albert

Title: Vice President

SCHEDULE A

ASSIGNED PATENTS

PATENT

REEL: 052683 FRAME: 0785

Patent #	Country	App #	Patent #	Pub #	Priority Date	App Date	Issue Date	Expiration Date	Active Sub- Type	Status	Sub Status	Current Owner	Assignee	Title	Business Classification	Inventors
H-KN-000970E	DE	10004638.2	602010012462.2	7255720	06/17/2009	05/03/2010	12/18/2013	05/03/2030	National Stage	Active	Issued	Confiden IP	Confiden IP	Bandaging increment for an endoscope and method of producing same	Patient Monitoring & Recovery - PMR - Mansfield	AGE, Kazuhiko (MTG-444)
H-KN-000978R	FR	10004638.2	7255720	7255720	06/17/2009	05/03/2010	12/18/2013	05/03/2030	National Stage	Active	Issued	Confiden IP	Confiden IP	Bandaging increment for an endoscope and method of producing same	Patient Monitoring & Recovery - PMR - Mansfield	AGE, Kazuhiko (MTG-444)
H-KN-000970B	GB	10004638.2	7255720	7255720	06/17/2009	05/03/2010	12/18/2013	05/03/2030	National Stage	Active	Issued	Confiden IP	Confiden IP	Bandaging increment for an endoscope and method of producing same	Patient Monitoring & Recovery - PMR - Mansfield	AGE, Kazuhiko (MTG-444)
H-KN-01726-CN8	CN	201610044879.0		CN106037624A	09/08/2010	09/08/2011			Divisional	Active	Published	Confiden IP	Confiden IP	CATHETER WITH IMAGING ASSEMBLY	Patient Monitoring & Recovery - PMR - Mansfield	Allyn, Robert (allvnt)
H-KN-01726-AU	AU	2011299149	2011299149		09/08/2010	09/08/2011	04/19/2014	09/08/2031	National Stage	Active	Issued	Confiden IP	Confiden IP	Catheter with imaging Assembly	Patient Monitoring & Recovery - PMR - Mansfield	Allyn, Robert (allvnt)
H-KN-01726-A	CA	2810513			09/08/2010	09/08/2011		09/08/2031	National Stage	Active	Filed	Confiden IP	Confiden IP	Catheter with imaging Assembly	Patient Monitoring & Recovery - PMR - Mansfield	Allyn, Robert (allvnt)
H-KN-01726-A01	CA	2912238			09/08/2010	09/08/2011			Divisional	Active	Filed	Confiden IP	Confiden IP	CATHETER WITH IMAGING ASSEMBLY	Patient Monitoring & Recovery - PMR - Mansfield	Allyn, Robert (allvnt)
H-KN-01726-CN	CN	201180043228.3	201180043228.3	CN10328198A	09/08/2010	09/08/2011	07/06/2016	09/08/2031	National Stage	Active	Issued	Confiden IP	Confiden IP	Catheter with imaging Assembly	Patient Monitoring & Recovery - PMR - Mansfield	Allyn, Robert (allvnt)
H-KN-01726-P	JP	2013-528290	5651782	2013-538622	09/08/2010	09/08/2011	11/21/2014	09/08/2031	National Stage	Active	Issued	Confiden IP	Confiden IP	Catheter with imaging Assembly	Patient Monitoring & Recovery - PMR - Mansfield	Allyn, Robert (allvnt)
H-KN-01726-MX01	MX	MX/A/2015/017792			09/08/2010	09/08/2011			National Stage	Active	Filed	Confiden IP	Confiden IP	Catheter with imaging Assembly	Patient Monitoring & Recovery - PMR - Mansfield	Allyn, Robert (allvnt)
H-KN-02670-AU	AU	10860/2013	348933		09/07/2012	02/21/2013	03/30/2013	02/21/2023	Design	Active	Issued	Confiden IP	Confiden IP	Display Screen With Internal Feeding Icon	Patient Monitoring & Recovery - PMR - Mansfield	Allyn, Robert (allvnt)
H-KN-02670-CA	CA	149755	149755		09/07/2012	02/13/2013	06/05/2015	02/13/2023	Design	Active	Issued	Confiden IP	Confiden IP	Display Screen With Internal Feeding Icon	Patient Monitoring & Recovery - PMR - Mansfield	Allyn, Robert (allvnt)
H-KN-02670-EM	EU	001362701	001362701-0003		09/07/2012	02/21/2013	04/26/2013	02/21/2038	Design	Active	Issued	Confiden IP	Confiden IP	Display Screen With Internal Feeding Icon	Patient Monitoring & Recovery - PMR - Mansfield	Allyn, Robert (allvnt)
H-KN-02670-EM1	EU	001362701	001362701-0004		09/07/2012	02/21/2013	04/26/2013	02/21/2038	Design	Active	Issued	Confiden IP	Confiden IP	Display Screen With Internal Feeding Icon	Patient Monitoring & Recovery - PMR - Mansfield	Allyn, Robert (allvnt)
H-KN-02776-AU	AU	10861/2013	348934		09/07/2012	02/21/2013	03/30/2013	02/21/2023	Design	Active	Issued	Confiden IP	Confiden IP	Display Screen with Annotated File Icon	Patient Monitoring & Recovery - PMR - Mansfield	Allyn, Robert (allvnt)
H-KN-02776-CA	CA	149754	149754		09/07/2012	02/13/2013	06/05/2015	06/05/2023	Design	Active	Issued	Confiden IP	Confiden IP	Display Screen with Annotated File Icon	Patient Monitoring & Recovery - PMR - Mansfield	Allyn, Robert (allvnt)
H-KN-02776-ADIV	CA	155126	155126		09/07/2012	02/13/2013	06/05/2015	06/05/2023	Divisional	Active	Issued	Confiden IP	Confiden IP	Display Screen with Annotated File Icon	Patient Monitoring & Recovery - PMR - Mansfield	Allyn, Robert (allvnt)
H-KN-02776-EM	EU	001362701	001362701-0005		09/07/2012	02/21/2013	02/21/2013	02/21/2038	Design	Active	Issued	Confiden IP	Confiden IP	Display Screen with Annotated File Icon	Patient Monitoring & Recovery - PMR - Mansfield	Allyn, Robert (allvnt)
H-KN-02776-M1	EU	001362701	001362701-0006		09/07/2012	02/21/2013	02/21/2013	02/21/2038	Design	Active	Issued	Confiden IP	Confiden IP	Display Screen with Annotated File Icon	Patient Monitoring & Recovery - PMR - Mansfield	Allyn, Robert (allvnt)
H-KN-02776-US	US	201451448	0716841		09/07/2012	09/07/2012	11/04/2014	11/04/2028	Design	Active	Issued	Confiden IP	Confiden IP	Display Screen with Annotated File Icon	Patient Monitoring & Recovery - PMR - Mansfield	Allyn, Robert (allvnt)
H-KN-03060-US02	US	14/721190		2015-0942835-A1	05/28/2014	05/26/2015			Utility	Active	Published	Confiden IP	Confiden IP	Imaging Feeding Tube with Illumination Control	Patient Monitoring & Recovery - PMR - Mansfield	Allyn, Robert (allvnt)
H-KN-02670-US	US	201451457	0717340		09/07/2012	09/07/2012	11/11/2014	11/11/2028	Design	Active	Issued	Confiden IP	Confiden IP	Display Screen With Internal Feeding Icon	Patient Monitoring & Recovery - PMR - Mansfield	Allyn, Robert (allvnt)
H-KN-00094-US1	US	13/238459	8475828	2013-0009365-A1	10/03/2006	09/21/2011	07/02/2013	12/22/2027	Divisional	Active	Issued	Confiden IP	Confiden IP	Medical Apparatus and Method for Producing Same	Patient Monitoring & Recovery - PMR - Mansfield	Allyn, Robert (allvnt); Phipps, Chad (MTG-CP12); Heale, Ryan (MTG-R10); Weersman, Joseph (MTG-JW33); Zeev, Josef (MTG-Z21)
H-KN-02664-AU	AU	16153/2013	352951		04/17/2013	11/26/2013	12/16/2013	11/26/2023	Design	Active	Issued	Confiden IP	Confiden IP	Display Screen with a Graphical User Interface for Compliance Monitoring	Patient Monitoring & Recovery - PMR - Mansfield	Anderson, Jula Rose (MTG-JAR)
H-KN-02664-MX001	MX	001391338	001391338-0001		04/17/2013	11/27/2013	01/17/2014	11/27/2028	Design	Active	Issued	Confiden IP	Confiden IP	Display Screen with a Graphical User Interface for Compliance Monitoring	Patient Monitoring & Recovery - PMR - Mansfield	Anderson, Jula Rose (MTG-JAR)

PATENT

Reference #	Country	App #	Patent #	Pub #	Priority Date	App Date	Issue Date	Expiration Date	Active Sub- Type	Stage	Sub Status	Current Owner	Assignee	Title	Business Classification	Inventors
H-KN-010264-IP	IP	2013-291310	1536708		06/17/2013	12/05/2013	08/09/2014	08/09/2034	Design	Active	Issued	Confiden IP	Confiden IP	Pinch Screen with a Graphical User Interface for Compliance Monitoring	Patent Monitoring & Recovery - PMR - Mansfield	Anderson, Julia Rose (MIG-JAR)
H-KN-010264-US	US	29/458140	0774057		06/17/2013	06/17/2013	12/13/2016	12/13/2030	Design	Active	Issued	Confiden IP	Confiden IP	Pinch Screen with a Graphical User Interface for Compliance Monitoring	Patent Monitoring & Recovery - PMR - Mansfield	Anderson, Julia Rose (MIG-JAR)
H-KN-010333-US	US	12/88372	9491544	2011031369	06/18/2010	06/18/2010	07/23/2013	08/29/2031	Utility	Active	Issued	Confiden IP	Confiden IP	Proprietary Federal Feeding Connections	Patent Monitoring & Recovery - PMR - Mansfield	Anderson, Kelly (MIG-KAG)
H-KN-010333-ES	ES	13/917694	8882725	20140150910	06/18/2010	06/14/2013	11/11/2014	06/18/2030	Continuation	Active	Issued	Confiden IP	Confiden IP	Federal Feeding Connector	Patent Monitoring & Recovery - PMR - Mansfield	Anderson, Kelly (MIG-KAG)
S-B65-US	US	09/94298	612207	2003008046	08/21/2001	08/21/2001	03/30/2004	02/17/2022	Utility	Active	Issued	Confiden IP	Confiden IP	APPARATUS AND METHOD FOR UNWINDING A NEEDLE PORTION	Patent Monitoring & Recovery - PMR - Mansfield	Arendt, James (MIG-JAA); Pawek, Robert (MIG-RPJ); Japurech, John (MIG-JC)
S-B65-US-DC	US	12/732894	787769	20090100661	08/21/2001	12/11/2008	02/01/2011	09/08/2021	Divisional	Active	Issued	Confiden IP	Confiden IP	APPARATUS AND METHOD FOR UNWINDING A NEEDLE PORTION	Patent Monitoring & Recovery - PMR - Mansfield	Arendt, James (MIG-JAA); Pawek, Robert (MIG-RPJ); Japurech, John (MIG-JC)
S-B65-US-2	US	12/796344	8684176	20110100850	08/21/2001	01/07/2011	04/01/2014	03/11/2022	Continuation	Active	Issued	Confiden IP	Confiden IP	Apparatus and Method for Unwinding a Needle Portion	Patent Monitoring & Recovery - PMR - Mansfield	Arendt, James (MIG-JAA); Pawek, Robert (MIG-RPJ); Japurech, John (MIG-JC)
S-B65-US-2	US	10/721388	7243792	2004-009555-A1	08/21/2001	11/25/2008	07/17/2007	01/09/2022	Continuation	Active	Issued	Confiden IP	Confiden IP	APPARATUS AND METHOD FOR UNWINDING A NEEDLE PORTION	Patent Monitoring & Recovery - PMR - Mansfield	Arendt, James (MIG-JAA); Pawek, Robert (MIG-RPJ); Japurech, John (MIG-JC)
H-KN-010393-AU	AU	2009217446	2009317446		09/30/2008	09/27/2009	09/13/2012	09/22/2029	Utility	Active	Issued	Confiden IP	Confiden IP	COMPRESSION DEVICE WITH WEAR AREA	Patent Monitoring & Recovery - PMR - Mansfield	Available, Raymond (variat)
H-KN-010393-UM	UM	2010101442	2010101442		09/30/2008	12/20/2010	01/20/2011	09/22/2017	Model	Active	Issued	Confiden IP	Confiden IP	Compression Sleeve with Wear Area	Patent Monitoring & Recovery - PMR - Mansfield	Available, Raymond (variat)
H-KN-010393-IP	IP	09/170466.8	2168555	2168555	09/30/2008	09/16/2009	11/11/2015	09/16/2029	Utility	Active	Issued	Confiden IP	Confiden IP	COMPRESSION DEVICE WITH WEAR AREA	Patent Monitoring & Recovery - PMR - Mansfield	Available, Raymond (variat)
H-KN-010393-P2-DE-1	DE	12174386.0	60200037885.6	EP7505178	09/30/2008	09/16/2009	04/13/2016	09/16/2029	National Stage	Active	Issued	Confiden IP	Confiden IP	Compression Device with Wear Area	Patent Monitoring & Recovery - PMR - Mansfield	Available, Raymond (variat)
H-KN-010393-P2-ES-1	ES	12174386.0	2505178	EP7505178	09/30/2008	09/16/2009	04/13/2016	09/16/2029	National Stage	Active	Issued	Confiden IP	Confiden IP	Compression Device with Wear Area	Patent Monitoring & Recovery - PMR - Mansfield	Available, Raymond (variat)
H-KN-010393-P2-RN-3	RN	12174386.0	2505178	EP7505178	09/30/2008	09/16/2009	04/13/2016	09/16/2029	National Stage	Active	Issued	Confiden IP	Confiden IP	Compression Device with Wear Area	Patent Monitoring & Recovery - PMR - Mansfield	Available, Raymond (variat)
H-KN-010393-ES	ES	09/170466.8	2168555		09/30/2008	09/16/2009	11/11/2015	09/16/2029	National Stage	Active	Issued	Confiden IP	Confiden IP	COMPRESSION DEVICE WITH WEAR AREA	Patent Monitoring & Recovery - PMR - Mansfield	Available, Raymond (variat)
H-KN-010393-SO1	ES	09/170466.8	2174634		09/30/2008	09/16/2009	04/15/2015	09/16/2029	National Stage	Active	Issued	Confiden IP	Confiden IP	Compression Device with Wear Area	Patent Monitoring & Recovery - PMR - Mansfield	Available, Raymond (variat)
H-KN-010393-4R	4R	09/170466.8	2168555		09/30/2008	09/16/2009	11/11/2015	09/16/2029	National Stage	Active	Issued	Confiden IP	Confiden IP	COMPRESSION DEVICE WITH WEAR AREA	Patent Monitoring & Recovery - PMR - Mansfield	Available, Raymond (variat)
H-KN-010393-4O1	4R	09/170466.8	2174634		09/30/2008	09/16/2009	04/15/2015	09/16/2029	National Stage	Active	Issued	Confiden IP	Confiden IP	Compression Device with Wear Area	Patent Monitoring & Recovery - PMR - Mansfield	Available, Raymond (variat)
H-KN-010393-68	68	09/170466.8	2168555		09/30/2008	09/16/2009	11/11/2015	09/16/2029	National Stage	Active	Issued	Confiden IP	Confiden IP	COMPRESSION DEVICE WITH WEAR AREA	Patent Monitoring & Recovery - PMR - Mansfield	Available, Raymond (variat)
H-KN-010393-8O1	68	09/170466.8	2174634		09/30/2008	09/16/2009	04/15/2015	09/16/2029	National Stage	Active	Issued	Confiden IP	Confiden IP	Compression Device with Wear Area	Patent Monitoring & Recovery - PMR - Mansfield	Available, Raymond (variat)
H-KN-010393-US	US	12/742268	8114117	20100082060	09/30/2008	09/30/2008	02/14/2012	08/29/2029	Utility	Active	Issued	Confiden IP	Confiden IP	Compression Device with Wear Area	Patent Monitoring & Recovery - PMR - Mansfield	Available, Raymond (variat)
H-KN-010393-US3	US	14/856417		2016-000658-A1	09/30/2008	09/16/2015			Continuation	Active	Published	Confiden IP	Confiden IP	Compression Device With Wear Area	Patent Monitoring & Recovery - PMR - Mansfield	Available, Raymond (variat)
H-KN-010393-US1	US	13/382154	8632840	20120128883	09/30/2008	01/31/2012	01/21/2014	09/30/2028	Divisional	Active	Issued	Confiden IP	Confiden IP	Compression Device With Wear Area	Patent Monitoring & Recovery - PMR - Mansfield	Available, Raymond (variat)
H-KN-017244U	AU	2011218719	2011218719		09/21/2010	09/21/2011	06/06/2013	09/01/2031	Utility	Active	Issued	Confiden IP	Confiden IP	Bladder Tube Connection	Patent Monitoring & Recovery - PMR - Mansfield	Available, Raymond (variat)
H-KN-017246N	CN	201110081006.7	CN102440893A		09/21/2010	09/21/2011	01/28/2014	09/21/2031	Utility	Active	Issued	Confiden IP	Confiden IP	Bladder Tube Connection	Patent Monitoring & Recovery - PMR - Mansfield	Available, Raymond (variat)
H-KN-017246E	DE	11178857.6	6020100319.0		09/21/2010	08/25/2011	10/09/2013	08/25/2031	National Stage	Active	Issued	Confiden IP	Confiden IP	Bladder Tube Connection	Patent Monitoring & Recovery - PMR - Mansfield	Available, Raymond (variat)
H-KN-017246S	ES	11178857.6	2431018		09/21/2010	08/25/2011	10/09/2013	08/25/2031	National Stage	Active	Issued	Confiden IP	Confiden IP	Bladder Tube Connection	Patent Monitoring & Recovery - PMR - Mansfield	Available, Raymond (variat)
H-KN-017246R	FR	11178857.6	2431018		09/21/2010	08/25/2011	10/09/2013	08/25/2031	National Stage	Active	Issued	Confiden IP	Confiden IP	Bladder Tube Connection	Patent Monitoring & Recovery - PMR - Mansfield	Available, Raymond (variat)
H-KN-017246S	GB	11178857.6	2431018		09/21/2010	08/25/2011	10/09/2013	08/25/2031	National Stage	Active	Issued	Confiden IP	Confiden IP	Bladder Tube Connection	Patent Monitoring & Recovery - PMR - Mansfield	Available, Raymond (variat)
H-KN-017246T	IT	11178857.6	2431018		09/21/2010	08/25/2011	10/09/2013	08/25/2031	National Stage	Active	Issued	Confiden IP	Confiden IP	Bladder Tube Connection	Patent Monitoring & Recovery - PMR - Mansfield	Available, Raymond (variat)
H-KN-017246P	JP	2011-205070	5197821	2012-66680	09/21/2010	09/20/2011	07/15/2013	09/20/2031	Utility	Active	Issued	Confiden IP	Confiden IP	Bladder Tube Connection	Patent Monitoring & Recovery - PMR - Mansfield	Available, Raymond (variat)
H-KN-017246US	US	12/868664	8398372	201203071801	09/21/2010	09/19/2013	01/19/2031		Utility	Active	Issued	Confiden IP	Confiden IP	Bladder Tube Connection	Patent Monitoring & Recovery - PMR - Mansfield	Available, Raymond (variat)
H-KN-010064U	AU	2009317447	2009317447		09/30/2008	09/27/2009	09/01/2012	09/27/2029	Utility	Active	Issued	Confiden IP	Confiden IP	COMPRESSION DEVICE WITH REMOVABLE PORTION	Patent Monitoring & Recovery - PMR - Mansfield	Wally, Anna (COV-PA-ASW); Bloom, Joshua (MIG-
H-KN-010064N	CN	20090176531.X	20090176531.X	CN101711739A	09/30/2008	09/27/2009	06/18/2016	09/27/2029	Utility	Active	Issued	Confiden IP	Confiden IP	COMPRESSION DEVICE WITH REMOVABLE PORTION	Patent Monitoring & Recovery - PMR - Mansfield	Wally, Anna (COV-PA-ASW); Bloom, Joshua (MIG-

Master #	Country	App #	Patent #	Pub #	Priority Date	App Date	Issue Date	Expiration Date	Mat'g Sub- Type	Status	Sub Status	Current Owner	Assignee	Title	Business Classification	Inventors
S-8512/P1	JP	2008-535604	6995829	2009-511193	10/1/2005	10/1/2006	05/18/2012	10/1/2026	National Stage	Active	Issued	Confiden JP	Confiden JP	IV Catheter with in-Line Valve and Methods Related Thereto	Parent: Monitoring & Recovery - PMR - Mansfield Intravenous Access/Pre-fill Other: Intravenous Access/Pre-fill	Bellay, Richard (MFG-RA03); Flier, Richard (MFG-RLP)
S-8512/P2	JP	2008-535605	6995830	2009-511194	10/1/2005	10/1/2006	05/18/2012	10/1/2026	National Stage	Active	Issued	Confiden JP	Confiden JP	IV Catheter with in-Line Valve and Methods Related Thereto	Parent: Monitoring & Recovery - PMR - Mansfield Intravenous Access/Pre-fill Other: Intravenous Access/Pre-fill	Bellay, Richard (MFG-RA03); Flier, Richard (MFG-RLP)
S-8512/P5	JP	2010-523084	5546457	2011-500167	10/1/2005	04/08/2010	05/23/2014	04/08/2030	National Stage	Active	Issued	Confiden JP	Confiden JP	IV Catheter with in-Line Valve and Methods Related Thereto	Parent: Monitoring & Recovery - PMR - Mansfield Intravenous Access/Pre-fill Other: Intravenous Access/Pre-fill	Bellay, Richard (MFG-RA03); Flier, Richard (MFG-RLP)
S-8512/P7	JP	2015-125293	5933903		10/1/2005	04/08/2010	05/13/2016	04/08/2030	Divisional	Active	Issued	Confiden JP	Confiden JP	IV Catheter with in-Line Valve and Methods Related Thereto	Parent: Monitoring & Recovery - PMR - Mansfield Intravenous Access/Pre-fill Other: Intravenous Access/Pre-fill	Bellay, Richard (MFG-RA03); Flier, Richard (MFG-RLP)
S-8512/M1	MX	MX/42008/004657	290513		10/1/2005	10/1/2006	09/27/2011	10/1/2026	National Stage	Active	Issued	Confiden JP	Confiden JP	IV Catheter with in-Line Valve and Methods Related Thereto	Parent: Monitoring & Recovery - PMR - Mansfield Intravenous Access/Pre-fill Other: Intravenous Access/Pre-fill	Bellay, Richard (MFG-RA03); Flier, Richard (MFG-RLP)
S-8512/M2	MX	MX/42008/004655	288564		10/1/2005	10/1/2006	07/21/2011	10/1/2026	National Stage	Active	Issued	Confiden JP	Confiden JP	IV Catheter with in-Line Valve and Methods Related Thereto	Parent: Monitoring & Recovery - PMR - Mansfield Intravenous Access/Pre-fill Other: Intravenous Access/Pre-fill	Bellay, Richard (MFG-RA03); Flier, Richard (MFG-RLP)
H-KN-0096/U5	US	29/395491	0621971		03/21/2008	03/21/2008	08/10/2010	08/10/2024	Design	Active	Issued	Confiden JP	Confiden JP	Blow-Molded, Seamless Pneumatic Accumulator for a Compression Device	Parent: Monitoring & Recovery - PMR - Mansfield Vascular Compression	Beck, Malcolm (MFG-M03)
H-KN-01377-DE-N2	DE	11207984.8	60201026693.4	EP2544647	03/09/2010	03/04/2011	05/18/2016	03/04/2031	National Stage	Active	Issued	Confiden JP	Confiden JP	Improved Venous Augmentation System	Parent: Monitoring & Recovery - PMR - Mansfield Vascular Compression	Beck, Malcolm (MFG-M03)
H-KN-01377-ES-N3	ES	11207984.8	2544647	EP2544647	03/09/2010	03/04/2011	05/18/2016	03/04/2031	National Stage	Active	Issued	Confiden JP	Confiden JP	Improved Venous Augmentation System	Parent: Monitoring & Recovery - PMR - Mansfield Vascular Compression	Beck, Malcolm (MFG-M03)
H-KN-01377-FR-M4	FR	11207984.8	2544647	EP2544647	03/09/2010	03/04/2011	05/18/2016	03/04/2031	National Stage	Active	Issued	Confiden JP	Confiden JP	Improved Venous Augmentation System	Parent: Monitoring & Recovery - PMR - Mansfield Vascular Compression	Beck, Malcolm (MFG-M03)
H-KN-01377-IT-N6	IT	11207984.8	2544647	EP2544647	03/09/2010	03/04/2011	05/18/2016	03/04/2031	National Stage	Active	Issued	Confiden JP	Confiden JP	Improved Venous Augmentation System	Parent: Monitoring & Recovery - PMR - Mansfield Vascular Compression	Beck, Malcolm (MFG-M03)
H-KN-01377-NU	AU	2011224619	2011224619		03/09/2010	03/04/2011	02/27/2014	03/04/2031	National Stage	Active	Issued	Confiden JP	Confiden JP	Improved Venous Augmentation System	Parent: Monitoring & Recovery - PMR - Mansfield Vascular Compression	Beck, Malcolm (MFG-M03)
H-KN-01377-NU/DV	AU	2014200720	2014200720		03/09/2010	02/11/2014	06/16/2016	03/04/2031	Divisional	Active	Issued	Confiden JP	Confiden JP	Improved Venous Augmentation System	Parent: Monitoring & Recovery - PMR - Mansfield Vascular Compression	Beck, Malcolm (MFG-M03)
H-KN-01377-CA	CA	2791628	2791628		03/09/2010	03/04/2011	06/16/2015	03/04/2031	National Stage	Active	Issued	Confiden JP	Confiden JP	Improved Venous Augmentation System	Parent: Monitoring & Recovery - PMR - Mansfield Vascular Compression	Beck, Malcolm (MFG-M03)
H-KN-01377-CN	CN	201180012781.0	Z1201180012781.0	CN102811692A	03/09/2010	03/04/2011	03/04/2015	03/04/2031	National Stage	Active	Issued	Confiden JP	Confiden JP	Improved Venous Augmentation System	Parent: Monitoring & Recovery - PMR - Mansfield Vascular Compression	Beck, Malcolm (MFG-M03)
H-KN-01377-DV	JP	2014-6752	5719043	2014-97414	03/09/2010	03/04/2011	03/27/2015	03/04/2031	Divisional	Active	Issued	Confiden JP	Confiden JP	Improved Venous Augmentation System	Parent: Monitoring & Recovery - PMR - Mansfield Vascular Compression	Beck, Malcolm (MFG-M03)
H-KN-01377-RR	KR	10-2012-7023412	10-1395355		03/09/2010	03/04/2011	05/08/2014	03/04/2031	National Stage	Active	Issued	Confiden JP	Confiden JP	Improved Venous Augmentation System	Parent: Monitoring & Recovery - PMR - Mansfield Vascular Compression	Beck, Malcolm (MFG-M03)
H-KN-01377-RR/DV	KR	10-2014-7002796	10-1395362		03/09/2010	03/04/2011	05/08/2014	03/04/2031	National Stage	Active	Issued	Confiden JP	Confiden JP	Improved Venous Augmentation System	Parent: Monitoring & Recovery - PMR - Mansfield Vascular Compression	Beck, Malcolm (MFG-M03)
H-852X/U	AU	2005217424	2005217424		02/23/2004	02/23/2005	02/23/2009	02/23/2025	National Stage	Active	Issued	Confiden JP	Confiden JP	Fluid Conduct Connector Apparatus	Parent: Monitoring & Recovery - PMR - Mansfield Vascular Compression	Beck, Malcolm (MFG-M03); Tealik, Elbe (MFG-ET3)
H-852X/CN	CN	200580004348.7	200580004348	CN1918422A	02/23/2004	02/23/2005	12/21/2011	02/23/2025	National Stage	Active	Issued	Confiden JP	Confiden JP	Fluid Conduct Connector Apparatus	Parent: Monitoring & Recovery - PMR - Mansfield Vascular Compression	Beck, Malcolm (MFG-M03); Tealik, Elbe (MFG-ET3)
H-852X/ES	ES	05/713934.7	ES-2348542-73	1718894	02/23/2004	02/23/2005	07/07/2010	02/23/2025	National Stage	Active	Issued	Confiden JP	Confiden JP	Fluid Conduct Connector Apparatus	Parent: Monitoring & Recovery - PMR - Mansfield Vascular Compression	Beck, Malcolm (MFG-M03); Tealik, Elbe (MFG-ET3)
H-852X/FR	FR	05/713934.7	1718894	1718894	02/23/2004	02/23/2005	07/07/2010	02/23/2025	National Stage	Active	Issued	Confiden JP	Confiden JP	Fluid Conduct Connector Apparatus	Parent: Monitoring & Recovery - PMR - Mansfield Vascular Compression	Beck, Malcolm (MFG-M03); Tealik, Elbe (MFG-ET3)
H-852X/G8	G8	05/713934.7	1718894	1718894	02/23/2004	02/23/2005	07/07/2010	02/23/2025	National Stage	Active	Issued	Confiden JP	Confiden JP	Fluid Conduct Connector Apparatus	Parent: Monitoring & Recovery - PMR - Mansfield Vascular Compression	Beck, Malcolm (MFG-M03); Tealik, Elbe (MFG-ET3)
H-852X/IL	IL	176433	0176433		02/23/2004	02/23/2005	11/01/2011	02/23/2025	National Stage	Active	Issued	Confiden JP	Confiden JP	Fluid Conduct Connector Apparatus	Parent: Monitoring & Recovery - PMR - Mansfield Vascular Compression	Beck, Malcolm (MFG-M03); Tealik, Elbe (MFG-ET3)
H-852X/IT	IT	05/713934.7	284246-81/2010	1718894	02/23/2004	02/23/2005	07/07/2010	02/23/2025	National Stage	Active	Issued	Confiden JP	Confiden JP	Fluid Conduct Connector Apparatus	Parent: Monitoring & Recovery - PMR - Mansfield Vascular Compression	Beck, Malcolm (MFG-M03); Tealik, Elbe (MFG-ET3)
H-852X/JP	JP	2006-554297	4602966	P2007-522890A	02/23/2004	02/23/2005	10/08/2010	02/23/2025	National Stage	Active	Issued	Confiden JP	Confiden JP	Fluid Conduct Connector Apparatus	Parent: Monitoring & Recovery - PMR - Mansfield Vascular Compression	Beck, Malcolm (MFG-M03); Tealik, Elbe (MFG-ET3)
H-852X/KR	KR	10-2006-7016842	10-0884148		02/23/2004	02/23/2005	11/04/2008	02/23/2025	National Stage	Active	Issued	Confiden JP	Confiden JP	Fluid Conduct Connector Apparatus	Parent: Monitoring & Recovery - PMR - Mansfield Vascular Compression	Beck, Malcolm (MFG-M03); Tealik, Elbe (MFG-ET3)
H-852X/US	US	107/86439	749620	20050184264	02/23/2004	02/23/2004	02/17/2009	08/12/2024	Utility	Active	Issued	Confiden JP	Confiden JP	FLUID CONDUCT CONNECTOR APPARATUS	Parent: Monitoring & Recovery - PMR - Mansfield Vascular Compression	Beck, Malcolm (MFG-M03); Tealik, Elbe (MFG-ET3)
H-852X/US1	US	12/371837	7810319	20090146092	02/23/2004	02/16/2009	10/12/2010	02/23/2024	Continuation	Active	Issued	Confiden JP	Confiden JP	FLUID CONDUCT CONNECTOR APPARATUS	Parent: Monitoring & Recovery - PMR - Mansfield Vascular Compression	Beck, Malcolm (MFG-M03); Tealik, Elbe (MFG-ET3)
H-852X/US2	US	12/387742	8256459	2010076619	02/16/2009	09/04/2012	02/23/2024	Continuation	Active	Issued	Confiden JP	Confiden JP	FLUID CONDUCT CONNECTOR APPARATUS	Parent: Monitoring & Recovery - PMR - Mansfield Vascular Compression	Beck, Malcolm (MFG-M03); Tealik, Elbe (MFG-ET3)	
H-810X/U	AU	2005216924	2005216924		02/23/2004	02/23/2005	09/01/2010	02/23/2025	National Stage	Active	Issued	Confiden JP	Confiden JP	Compression Apparatus	Parent: Monitoring & Recovery - PMR - Mansfield Vascular Compression	Beck, Malcolm (MFG-M03); Tealik, Elbe (MFG-ET3)
H-810X/CN	CN	200580004347.2	Z1200580004347.2	CN1917893A	02/23/2004	02/23/2005	09/01/2010	02/23/2025	National Stage	Active	Issued	Confiden JP	Confiden JP	Compression Apparatus	Parent: Monitoring & Recovery - PMR - Mansfield Vascular Compression	Beck, Malcolm (MFG-M03); Tealik, Elbe (MFG-ET3)
H-810X/ES	ES	05/713935.4	ES-2346546-73	1720504	02/23/2004	02/23/2005	05/26/2010	02/23/2025	National Stage	Active	Issued	Confiden JP	Confiden JP	Compression Apparatus	Parent: Monitoring & Recovery - PMR - Mansfield Vascular Compression	Beck, Malcolm (MFG-M03); Tealik, Elbe (MFG-ET3)
H-810X/FR	FR	05/713935.4	1720504		02/23/2004	02/23/2005	05/26/2010	02/23/2025	National Stage	Active	Issued	Confiden JP	Confiden JP	Compression Apparatus	Parent: Monitoring & Recovery - PMR - Mansfield Vascular Compression	Beck, Malcolm (MFG-M03); Tealik, Elbe (MFG-ET3)

Reference #	Country	App #	Patent #	Pub #	Priority Date	App Date	Issue Date	Expiration Date	Active Sub	Stage	Sub Status	Current Owner	Assignee	Title	Business Classification	Inventors
1810K69	GB	05/713935.4	12/20504	1/20504	02/23/2004	02/23/2005	05/26/2010	02/23/2025	National Stage	Active	Issued	Confiden IP	Confiden IP	Compression Apparatus	Patient Monitoring & Recovery - PNR - Mansfield	Brack, Malcolm (MNTG-MBS); Tordella, Elise (MNTG-ETG)
1810K1L	IL	176409	01/6409		02/23/2004	02/23/2005	05/01/2012	02/23/2025	National Stage	Active	Issued	Confiden IP	Confiden IP	Compression Apparatus	Patient Monitoring & Recovery - PNR - Mansfield	Brack, Malcolm (MNTG-MBS); Tordella, Elise (MNTG-ETG)
1810K1T	IT	05/713935.4	27/228 R/2010	1/20504	02/23/2004	02/23/2005	05/26/2010	02/23/2025	National Stage	Active	Issued	Confiden IP	Confiden IP	Compression Apparatus	Patient Monitoring & Recovery - PNR - Mansfield	Brack, Malcolm (MNTG-MBS); Tordella, Elise (MNTG-ETG)
1810K6R	KR	10-2006-7016795	875540		02/23/2004	02/23/2005	12/04/2006	02/23/2025	National Stage	Active	Issued	Confiden IP	Confiden IP	Compression Apparatus	Patient Monitoring & Recovery - PNR - Mansfield	Brack, Malcolm (MNTG-MBS); Tordella, Elise (MNTG-ETG)
1810K6T	KR	10-2006-7023566	10-0918718		02/23/2004	02/23/2005	09/16/2009	02/23/2025	National Stage	Active	Issued	Confiden IP	Confiden IP	Compression Apparatus	Patient Monitoring & Recovery - PNR - Mansfield	Brack, Malcolm (MNTG-MBS); Tordella, Elise (MNTG-ETG)
1810KPL	PL	05/713935.4	12/20504	1/20504	02/23/2004	02/23/2005	05/26/2010	02/23/2025	National Stage	Active	Issued	Confiden IP	Confiden IP	Compression Apparatus	Patient Monitoring & Recovery - PNR - Mansfield	Brack, Malcolm (MNTG-MBS); Tordella, Elise (MNTG-ETG)
1810KUS	US	10/784607	78/1387	20050187303	02/23/2004	02/23/2004	01/18/2011	02/23/2026	National Stage	Active	Issued	Confiden IP	Confiden IP	COMPRESSION SLICE CONVERTIBLE IN LENGTH	Patient Monitoring & Recovery - PNR - Mansfield	Tordella, Elise (MNTG-ETG)
H-KN-005-021J5	US	11/541358	766369	20080806999	09/29/2006	09/29/2006	02/23/2010	02/18/2027	Utility	Active	Issued	Confiden IP	Confiden IP	SYSTEM AND METHOD FOR RECYCLING STERILANT GAS	Patient Monitoring & Recovery - PNR - Mansfield	Bondar, Douglas (MNTG-DIB)
H-KN-005-021J1	US	12/67064	8685336	20100092344	09/29/2006	12/14/2009	04/01/2014	04/08/2028	Divisional	Active	Issued	Confiden IP	Confiden IP	SYSTEM AND METHOD FOR RECYCLING STERILANT GAS	Patient Monitoring & Recovery - PNR - Mansfield	Bondar, Douglas (MNTG-DIB)
H-KN-005-021J2	US	12/67087	7910055	20100092336	09/29/2006	12/14/2009	03/22/2011	09/29/2026	Divisional	Active	Issued	Confiden IP	Confiden IP	SYSTEM AND METHOD FOR RECYCLING STERILANT GAS	Patient Monitoring & Recovery - PNR - Mansfield	Bondar, Douglas (MNTG-DIB)
H-KN-005-021J3	US	12/7861040	8268238	20100313962A1	09/29/2006	08/23/2010	09/18/2012	12/25/2026	Continuation-in-Part	Active	Issued	Confiden IP	Confiden IP	SYSTEM AND METHOD FOR RECYCLING STERILANT GAS	Patient Monitoring & Recovery - PNR - Mansfield	Bongiov, Michael (BONGM); Bondar, Douglas (MNTG-DIB)
H-KN-025-071J1U2	AU	20153709641			07/25/2014	07/22/2015			National Stage	Active	Filed	Confiden IP	Confiden IP	Flow Control Apparatus Comprising Detection System	Patient Monitoring & Recovery - PNR - Mansfield	Boulanger, Jason (Boula2); Hudson, Joseph (Hudso8); Treford, Lester (Tref1)
H-KN-025-071CAN3	CA	AWA1116			07/25/2014	07/22/2015			National Stage	Active	Filed	Confiden IP	Confiden IP	Detection System for Flow Control Apparatus	Patient Monitoring & Recovery - PNR - Mansfield	Boulanger, Jason (Boula2); Hudson, Joseph (Hudso8); Treford, Lester (Tref1)
H-KN-025-071EPN5	EP	1574457.1			07/25/2014	07/22/2015			National Stage	Active	Filed	Confiden IP	Confiden IP	Detection System for Flow Control Apparatus	Patient Monitoring & Recovery - PNR - Mansfield	Boulanger, Jason (Boula2); Hudson, Joseph (Hudso8); Treford, Lester (Tref1)
H-KN-025-071JPM4	JP	2017-503824			07/25/2014	07/22/2015			National Stage	Active	Filed	Confiden IP	Confiden IP	FLOW CONTROL APPARATUS COMPRISING DETECTION SYSTEM	Patient Monitoring & Recovery - PNR - Mansfield	Boulanger, Jason (Boula2); Hudson, Joseph (Hudso8); Treford, Lester (Tref1)
H-KN-025-071J501	US	14/806159			07/25/2014	07/22/2015			Utility	Active	Filed	Confiden IP	Confiden IP	Detection System for Flow Control Apparatus	Patient Monitoring & Recovery - PNR - Mansfield	Boulanger, Jason (Boula2); Hudson, Joseph (Hudso8); Treford, Lester (Tref1)
H-KN-025-071W001	WO	PE/1/US2015/041510		WO/2016/014651	07/25/2014	07/22/2015		02/25/2017	Utility	Active	Published	Confiden IP	Confiden IP	Detection System for Flow Control Apparatus	Patient Monitoring & Recovery - PNR - Mansfield	Boulanger, Jason (Boula2); Hudson, Joseph (Hudso8); Treford, Lester (Tref1)
H-KN-006KCA	CA	2616227	2616227	2616227	01/05/2007	12/21/2007	11/27/2012	12/21/2027	Utility	Active	Issued	Confiden IP	Confiden IP	Pump Set for Administering Fluid with Secure Loading Features and Manufacture of Component Therefor	Patient Monitoring & Recovery - PNR - Mansfield	Boulanger, Jason (Boula2); Swisher, David (Swishd1); Meier, Kevin (MNTG-KCM)
H-KN-006KUS	US	11/669981	8021356	20080167617	01/05/2007	01/05/2007	09/20/2011	07/07/2029	Utility	Active	Issued	Confiden IP	Confiden IP	Pump Set for Administering Fluid with Secure Loading Features and Manufacture of Component Therefor	Patient Monitoring & Recovery - PNR - Mansfield	Boulanger, Jason (Boula2); Swisher, David (Swishd1); Meier, Kevin (MNTG-KCM)
H-KN-006KUS1	US	13/211423	8529511	20110301567	01/05/2007	08/17/2011	09/10/2013	01/05/2027	Continuation	Active	Issued	Confiden IP	Confiden IP	Pump Set with Secure Loading Features and Related Methods Therefor	Patient Monitoring & Recovery - PNR - Mansfield	Boulanger, Jason (Boula2); Swisher, David (Swishd1); Meier, Kevin (MNTG-KCM)
H-KN-00228CA	CA	2680456	2680456	2680456	09/20/2008	09/24/2009	11/08/2016	09/24/2029	Utility	Active	Issued	Confiden IP	Confiden IP	DILUTANT/MEDICATION MIXING SPRING ASSEMBLY	Patient Monitoring & Recovery - PNR - Mansfield	Braga, Richard (COV-PV-RB1); Chhabra, Casey (MNTG-CT1)
H-KN-00228CN	CN	200910221415.0	200910221415	CN101737781A	09/20/2008	09/29/2009	09/25/2013	09/29/2029	Utility	Active	Issued	Confiden IP	Confiden IP	DILUTANT/MEDICATION MIXING SPRING ASSEMBLY	Patient Monitoring & Recovery - PNR - Mansfield	Braga, Richard (COV-PV-RB1); Chhabra, Casey (MNTG-CT1)
H-KN-00228DE	DE	09/171803.1	60 2009 001 864.7	2168520	09/20/2008	09/20/2009	07/20/2011	09/29/2029	National Stage	Active	Issued	Confiden IP	Confiden IP	DILUTANT/MEDICATION MIXING SPRING ASSEMBLY	Patient Monitoring & Recovery - PNR - Mansfield	Braga, Richard (COV-PV-RB1); Chhabra, Casey (MNTG-CT1)
H-KN-00228FR	FR	09/171803.1	2168620	2168520	09/20/2008	09/20/2009	07/20/2011	09/29/2029	National Stage	Active	Issued	Confiden IP	Confiden IP	DILUTANT/MEDICATION MIXING SPRING ASSEMBLY	Patient Monitoring & Recovery - PNR - Mansfield	Braga, Richard (COV-PV-RB1); Chhabra, Casey (MNTG-CT1)
H-KN-00228GB	GB	09/171803.1	2168620	2168520	09/20/2008	09/20/2009	07/20/2011	09/29/2029	National Stage	Active	Issued	Confiden IP	Confiden IP	DILUTANT/MEDICATION MIXING SPRING ASSEMBLY	Patient Monitoring & Recovery - PNR - Mansfield	Braga, Richard (COV-PV-RB1); Chhabra, Casey (MNTG-CT1)
H-KN-00228US1	US	12/550516	8162875	20100082013	09/20/2008	09/23/2009	04/24/2012	02/02/2030	Utility	Active	Issued	Confiden IP	Confiden IP	Diluent/Medication Mixing Syringe Assembly	Patient Monitoring & Recovery - PNR - Mansfield	Braga, Richard (COV-PV-RB1); Chhabra, Casey (MNTG-CT1)
H-KN-00228US2	US	13/426882	8430843	2012-0173995-A1	09/20/2008	09/22/2012	09/20/2013	09/23/2029	Continuation	Active	Issued	Confiden IP	Confiden IP	Diluent/Medication Mixing Syringe Assembly	Patient Monitoring & Recovery - PNR - Mansfield	Braga, Richard (COV-PV-RB1); Chhabra, Casey (MNTG-CT1)

Reference #	Country	App #	Parent #	Pub #	Priority Date	App Date	Issue Date	Expiration Date	Medical Sub-System	Status	Sub Status	Current Owner	Assignee	Title	Business Classification	Inventors
H-KN-02761US	US	13/667304	9,433,339	20130303949	09/08/2010	11/02/2012	09/06/2016	11/09/2031	Continuation in Part	Active	Issued	Confiden IP	Confiden IP	Catheter with managing Assembly and Console with Reference Library and Related Methods therefor	Patient Monitoring & Recovery - PMR - Mansfield	Brandon, Glen (brwn50); Satchell, Anthony (satchell); John, Robert (johnr1)
H-KN-01209AU	AU	2009298667	2009298667		09/30/2008	09/30/2009	03/08/2014	09/30/2029	National Stage	Active	Issued	Confiden IP	Confiden IP	TRANSPARENT CATHETERS/SECUREMENT SYSTEM	Patient Monitoring & Recovery - PMR - Mansfield	Brandon, William (MGTG-WB3); Hark, E. David (MGTG-EF2); Hibbert, David (MGTG-DH18); Anthony, Bradley (MGTG-BMA)
H-KN-01209CA	CA	2737591		2737591	09/30/2008	09/30/2009			National Stage	Active	Allowed	Confiden IP	Confiden IP	TRANSPARENT CATHETERS/SECUREMENT SYSTEM	Patient Monitoring & Recovery - PMR - Mansfield	Brandon, William (MGTG-WB3); Hark, E. David (MGTG-EF2); Hibbert, David (MGTG-DH18); Anthony, Bradley (MGTG-BMA)
H-KN-01209CN	CN	200980138766.3	200980138766.3	CN102126939A	09/30/2008	09/30/2009	06/18/2014	09/30/2029	National Stage	Active	Issued	Confiden IP	Confiden IP	TRANSPARENT CATHETERS/SECUREMENT SYSTEM	Patient Monitoring & Recovery - PMR - Mansfield	Brandon, William (MGTG-WB3); Hark, E. David (MGTG-EF2); Hibbert, David (MGTG-DH18); Anthony, Bradley (MGTG-BMA)
H-KN-01209DE	DE	09818393.2	602009024870.1		09/30/2008	09/30/2009	11/11/2015	09/30/2029	National Stage	Active	Issued	Confiden IP	Confiden IP	TRANSPARENT CATHETERS/SECUREMENT SYSTEM	Patient Monitoring & Recovery - PMR - Mansfield	Brandon, William (MGTG-WB3); Hark, E. David (MGTG-EF2); Hibbert, David (MGTG-DH18); Anthony, Bradley (MGTG-BMA)
H-KN-01209EP	EP	09818393.2	2328644	2328644	09/30/2008	09/30/2009	11/11/2015	09/30/2029	National Stage	Active	Issued	Confiden IP	Confiden IP	TRANSPARENT CATHETERS/SECUREMENT SYSTEM	Patient Monitoring & Recovery - PMR - Mansfield	Brandon, William (MGTG-WB3); Hark, E. David (MGTG-EF2); Hibbert, David (MGTG-DH18); Anthony, Bradley (MGTG-BMA)
H-KN-01209FI	FI	09818393.2	2328644		09/30/2008	09/30/2009	11/11/2015	09/30/2029	National Stage	Active	Issued	Confiden IP	Confiden IP	TRANSPARENT CATHETERS/SECUREMENT SYSTEM	Patient Monitoring & Recovery - PMR - Mansfield	Brandon, William (MGTG-WB3); Hark, E. David (MGTG-EF2); Hibbert, David (MGTG-DH18); Anthony, Bradley (MGTG-BMA)
H-KN-01209GB	GB	09818393.2	2328644		09/30/2008	09/30/2009	11/11/2015	09/30/2029	National Stage	Active	Issued	Confiden IP	Confiden IP	TRANSPARENT CATHETERS/SECUREMENT SYSTEM	Patient Monitoring & Recovery - PMR - Mansfield	Brandon, William (MGTG-WB3); Hark, E. David (MGTG-EF2); Hibbert, David (MGTG-DH18); Anthony, Bradley (MGTG-BMA)
H-KN-01209US1	US	12/568756	8419689	2010-0081996-A1	09/30/2008	09/29/2009	04/16/2013	02/28/2031	Utility	Active	Issued	Confiden IP	Confiden IP	TRANSPARENT CATHETER SECUREMENT SYSTEM	Patient Monitoring & Recovery - PMR - Mansfield	Brandon, William (MGTG-WB3); Hark, E. David (MGTG-EF2); Hibbert, David (MGTG-DH18); Anthony, Bradley (MGTG-BMA)
H-KN-01209US2	US	13/770557	8881899	20130165864	09/30/2008	02/19/2013	11/11/2014	09/30/2029	Continuation	Active	Issued	Confiden IP	Confiden IP	TRANSPARENT CATHETER SECUREMENT SYSTEM	Patient Monitoring & Recovery - PMR - Mansfield	Brandon, William (MGTG-WB3); Hark, E. David (MGTG-EF2); Hibbert, David (MGTG-DH18); Anthony, Bradley (MGTG-BMA)
H-KN-00266US	US	11/179696	7850650	20070016139	07/11/2005	07/11/2005	12/14/2010	09/05/2029	Utility	Active	Issued	Confiden IP	Confiden IP	Needle safety Shield with Reset	Patient Monitoring & Recovery - PMR - Mansfield	Brandon, William (MGTG-WB3); Hark, E. David (MGTG-EF2); Hibbert, David (MGTG-DH18); Anthony, Bradley (MGTG-BMA)
H-KN-00468US1	US	13/163955	8348894	20110051517	07/11/2005	06/20/2011	01/08/2013	10/27/2025	Continuation	Active	Issued	Confiden IP	Confiden IP	Needle Assembly including Obturator with Safety Reset	Patient Monitoring & Recovery - PMR - Mansfield	Brandon, William (MGTG-WB3); Hark, E. David (MGTG-EF2); Hibbert, David (MGTG-DH18); Anthony, Bradley (MGTG-BMA)
H-KN-01203AU1	AU	2009296275	2009296275		09/29/2008	09/29/2009	05/15/2014	09/29/2029	National Stage	Active	Issued	Confiden IP	Confiden IP	FO-DIABLE PACCAOE	Patient Monitoring & Recovery - PMR - Mansfield	Brandon, William (MGTG-WB3); Hark, E. David (MGTG-EF2); Hibbert, David (MGTG-DH18); Anthony, Bradley (MGTG-BMA)
H-KN-01208CN1	CN	200980138054.1	CN102164539A		09/29/2008	09/29/2009	09/11/2013	09/29/2029	National Stage	Active	Issued	Confiden IP	Confiden IP	FO-DIABLE PACCAOE	Patient Monitoring & Recovery - PMR - Mansfield	Brandon, William (MGTG-WB3); Hark, E. David (MGTG-EF2); Hibbert, David (MGTG-DH18); Anthony, Bradley (MGTG-BMA)
H-KN-01208EP1	EP	09817020.2		2328502	09/29/2008	09/29/2009			National Stage	Active	Published	Confiden IP	Confiden IP	FO-DIABLE PACCAOE	Patient Monitoring & Recovery - PMR - Mansfield	Brandon, William (MGTG-WB3); Hark, E. David (MGTG-EF2); Hibbert, David (MGTG-DH18); Anthony, Bradley (MGTG-BMA)
H-KN-01208US1	US	12/569047	7967139	2010-0078347-A1	09/29/2008	09/29/2009	06/28/2011	09/29/2029	Utility	Active	Issued	Confiden IP	Confiden IP	Foldable Sterilizable Medical Package	Patient Monitoring & Recovery - PMR - Mansfield	Brandon, William (MGTG-WB3); Hark, E. David (MGTG-EF2); Hibbert, David (MGTG-DH18); Anthony, Bradley (MGTG-BMA)
H-KN-01208US2	US	13/105355	8240471	20110025373	09/29/2008	05/11/2011	08/14/2012	09/29/2029	Continuation	Active	Issued	Confiden IP	Confiden IP	Foldable Sterile Medical Package	Patient Monitoring & Recovery - PMR - Mansfield	Brandon, William (MGTG-WB3); Hark, E. David (MGTG-EF2); Hibbert, David (MGTG-DH18); Anthony, Bradley (MGTG-BMA)
H-KN-00900US	US	11/733084	8128584	20080245361	04/09/2007	04/09/2007	03/06/2012	03/06/2029	Utility	Active	Issued	Confiden IP	Confiden AG	Compression Device with S-Shaped Bladder	Patient Monitoring & Recovery - PMR - Mansfield	Brandon, William (MGTG-WB3); Hark, E. David (MGTG-EF2); Hibbert, David (MGTG-DH18); Anthony, Bradley (MGTG-BMA)
H-KN-00900US1	US	13/962130	8721575	20120130293	04/09/2007	01/31/2012	04/09/2027		Continuation	Active	Issued	Confiden IP	Confiden AG	Compression Device with S-Shaped Bladder	Patient Monitoring & Recovery - PMR - Mansfield	Brandon, William (MGTG-WB3); Hark, E. David (MGTG-EF2); Hibbert, David (MGTG-DH18); Anthony, Bradley (MGTG-BMA)
H-KN-00902US	US	11/733077	8506308	20080249443	04/09/2007	04/09/2007	08/13/2013	08/25/2030	Utility	Active	Issued	Confiden IP	Confiden IP	Compression Device Having Weld Seam Moisture Transfer	Patient Monitoring & Recovery - PMR - Mansfield	Brandon, William (MGTG-WB3); Hark, E. David (MGTG-EF2); Hibbert, David (MGTG-DH18); Anthony, Bradley (MGTG-BMA)
H-KN-00902US1	US	13/858314	9387146	20140135669	04/09/2007	04/08/2013	07/12/2016	04/19/2029	Continuation	Active	Issued	Confiden IP	Confiden IP	Compression Device Having Weld Seam Moisture Transfer	Patient Monitoring & Recovery - PMR - Mansfield	Brandon, William (MGTG-WB3); Hark, E. David (MGTG-EF2); Hibbert, David (MGTG-DH18); Anthony, Bradley (MGTG-BMA)
H-KN-00901EM	EU	001118251	001118231-0001		10/08/2008	04/06/2009	04/06/2024		Design	Active	Issued	Confiden IP	Confiden AG	Opening in an Irrefrable Member for a Pneumatic Compression Device	Patient Monitoring & Recovery - PMR - Mansfield	Brandon, William (MGTG-WB3); Hark, E. David (MGTG-EF2); Hibbert, David (MGTG-DH18); Anthony, Bradley (MGTG-BMA)
H-KN-00901EM1	EU	001118251	001118231-0002		10/08/2008	04/06/2009	04/06/2024		Design	Active	Issued	Confiden IP	Confiden AG	Opening in an Irrefrable Member for a Pneumatic Compression Device	Patient Monitoring & Recovery - PMR - Mansfield	Brandon, William (MGTG-WB3); Hark, E. David (MGTG-EF2); Hibbert, David (MGTG-DH18); Anthony, Bradley (MGTG-BMA)
H-KN-00901EM2	EU	001118251	001118231-0003		10/08/2008	04/06/2009	04/06/2024		Design	Active	Issued	Confiden IP	Confiden AG	Opening in an Irrefrable Member for a Pneumatic Compression Device	Patient Monitoring & Recovery - PMR - Mansfield	Brandon, William (MGTG-WB3); Hark, E. David (MGTG-EF2); Hibbert, David (MGTG-DH18); Anthony, Bradley (MGTG-BMA)
H-KN-00901US	US	11/733088	8016778	20080249455	04/09/2007	04/09/2007	09/13/2011	05/01/2029	Utility	Active	Issued	Confiden IP	Confiden IP	Compression Device with improved Moisture Evaporation	Patient Monitoring & Recovery - PMR - Mansfield	Brandon, William (MGTG-WB3); Hark, E. David (MGTG-EF2); Hibbert, David (MGTG-DH18); Anthony, Bradley (MGTG-BMA)
H-KN-00901US2	US	12/274814	8021388	20090177222	04/07/2008	10/08/2008	09/20/2011	02/23/2028	Continuation in Part	Active	Issued	Confiden IP	Confiden IP	Compression Device with improved Moisture Evaporation	Patient Monitoring & Recovery - PMR - Mansfield	Brandon, William (MGTG-WB3); Hark, E. David (MGTG-EF2); Hibbert, David (MGTG-DH18); Anthony, Bradley (MGTG-BMA)
H-KN-00903US	US	11/733082	8034407	20080249444	04/09/2007	04/09/2007	10/11/2011	06/16/2030	Utility	Active	Issued	Confiden IP	Confiden IP	Compression Device with Structural Support Features	Patient Monitoring & Recovery - PMR - Mansfield	Brandon, William (MGTG-WB3); Hark, E. David (MGTG-EF2); Hibbert, David (MGTG-DH18); Anthony, Bradley (MGTG-BMA)
H-KN-00903US1	US	12/61169	8162861	20080249441	04/09/2007	04/02/2008	04/24/2012	01/06/2030	Continuation in Part	Active	Issued	Confiden IP	Confiden IP	Compression Device with Strategic Weld Construction	Patient Monitoring & Recovery - PMR - Mansfield	Brandon, William (MGTG-WB3); Hark, E. David (MGTG-EF2); Hibbert, David (MGTG-DH18); Anthony, Bradley (MGTG-BMA)

Reference #	Country	App #	Patent #	Pub #	Priority Date	App Date	Issue Date	Expiration Date	Medical Sub-System	Phase	Sub-System	Current Owner	Assignee	Title	Business Classification	Inventors
H-KN-00030452	US	13/274835	8597315	20120004583	04/09/2007	09/16/2011	12/02/2013	04/09/2027	Continuation	Active	Issued	Confiden LP	Confiden LP	Compression Device with Structural Support Features	Patient Monitoring & Recovery - PNR - Mansfield	Boyd, William (bydws); Hudson, Joseph (hudjos8); Lewis, Thomas (lewts7)
H-KN-00030453	US	13/403334	914002	20120209158	04/09/2007	03/19/2012	08/25/2015	04/09/2027	Continuation	Active	Issued	Confiden LP	Confiden LP	Compression Device with Strategic Weld Construction	Patient Monitoring & Recovery - PNR - Mansfield	Boyd, William (bydws); Hudson, Joseph (hudjos8); Lewis, Thomas (lewts7)
H-KN-00030454	US	14/093756	910739	20140216640	04/09/2007	12/02/2013	08/18/2015	04/09/2027	Continuation	Active	Issued	Confiden LP	Confiden LP	Compression Device with Structural Support Features	Patient Monitoring & Recovery - PNR - Mansfield	Boyd, William (bydws); Hudson, Joseph (hudjos8); Lewis, Thomas (lewts7)
H-KN-0003045X	MX	MX/4/2008/004659	295014		04/09/2007	04/08/2008	09/27/2011	04/08/2028	Continuation	Active	Issued	Confiden LP	Confiden LP	Method of Making Compression Device with Improved Evaporation	Patient Monitoring & Recovery - PNR - Mansfield	Boyd, William (bydws); Hudson, Joseph (hudjos8); Lewis, Thomas (lewts7)
H-KN-0004045	US	11/733087	8108992	20080249449	04/09/2007	04/09/2007	02/02/2012	04/09/2027	Continuation	Active	Issued	Confiden LP	Confiden LP	Compression Device with improved Moisture Evaporation	Patient Monitoring & Recovery - PNR - Mansfield	Boyd, William (bydws); Hudson, Joseph (hudjos8); Lewis, Thomas (lewts7)
H-KN-00040451	US	13/272808	8740828	20130028308	04/09/2007	11/09/2011	06/03/2014	04/09/2027	Continuation	Active	Issued	Confiden LP	Confiden LP	Method of Making Compression Sleeve with Structural Support Features	Patient Monitoring & Recovery - PNR - Mansfield	Boyd, William (bydws); Hudson, Joseph (hudjos8); Lewis, Thomas (lewts7)
H-KN-0005045	US	11/731101	8070699	20080249440	04/09/2007	04/09/2007	12/06/2011	07/23/2030	Continuation	Active	Issued	Confiden LP	Confiden LP	Method of Making Compression Sleeve with Structural Support Features	Patient Monitoring & Recovery - PNR - Mansfield	Boyd, William (bydws); Hudson, Joseph (hudjos8); Lewis, Thomas (lewts7)
H-KN-00050451	US	13/294289	8622942	201201184697	04/09/2007	11/11/2011	01/07/2014	04/09/2027	Continuation	Active	Issued	Confiden LP	Confiden LP	Method of Making Compression Sleeve with Structural Support Features	Patient Monitoring & Recovery - PNR - Mansfield	Boyd, William (bydws); Hudson, Joseph (hudjos8); Lewis, Thomas (lewts7)
H-KN-00050452	US	13/964266	8992749	20130324895	04/09/2007	08/12/2013	03/31/2015	04/09/2027	Continuation in Part	Active	Issued	Confiden LP	Confiden LP	Method of Making Compression Sleeve with Structural Support Features	Patient Monitoring & Recovery - PNR - Mansfield	Boyd, William (bydws); Hudson, Joseph (hudjos8); Lewis, Thomas (lewts7)
H-KN-00090451	US	29/35994	D608006		04/09/2007	10/08/2008	01/12/2010	01/12/2024	Continuation	Active	Issued	Confiden LP	Confiden AG	Opening in an Inflatable Member for a Pneumatic Compression Device	Patient Monitoring & Recovery - PNR - Mansfield	Boyd, William (bydws); Hudson, Joseph (hudjos8); Lewis, Thomas (lewts7)
H-KN-00090453	US	29/35993	D618358		04/09/2007	10/08/2008	06/22/2010	06/22/2024	Continuation	Active	Issued	Confiden LP	Confiden LP	Compression Device	Patient Monitoring & Recovery - PNR - Mansfield	Boyd, William (bydws); Hudson, Joseph (hudjos8); Lewis, Thomas (lewts7)
H-KN-0009045	US	11/730374	8029450	20080249442	04/09/2007	04/09/2007	10/04/2011	01/14/2030	Continuation	Active	Issued	Confiden LP	Confiden AG	Breathable Compression Device	Patient Monitoring & Recovery - PNR - Mansfield	Brown, Jennie (brownj50); Boyd, Malcolm (migs-mbs3)
H-KN-0171605	US								Utility	Active	Draft	Confiden LP	Confiden LP	Enhancing Compression Patents in a Sleeve Using Foam Strainers	Patient Monitoring & Recovery - PNR - Mansfield	Ganapaty, Premarajan (migs-pss)
H-KN-01045051	US	12/460898	9,474,868	20090247949	03/31/2008	03/23/2009	10/25/2016	09/12/2033	Utility	Active	Issued	Confiden LP	Confiden LP	Single Use Syringe Assembly	Patient Monitoring & Recovery - PNR - Mansfield	Bulter, Christopher (bulctcr1); Green, Kate (migs-kgs)
1766405	US	09/027678	6033905		02/23/1998	02/23/1998	04/25/2000	02/23/2018	Utility	Active	Issued	Confiden LP	Confiden LP	SELF CONTAINED JETHEAT/CATHETER ASSEMBLY WITH LUBRICATING CHAMBER	Patient Monitoring & Recovery - PNR - Mansfield	Burns, Lee (COV-PV-CE); Conho, Jr., Donald (migs-DAC1); Walls, James (migs-G-JAV1); Dargonek, Kenneth
H-KN-01726-0H12	DE	14188483.3	2848190	EP2848190	09/08/2010	09/08/2011	11/02/2016	09/08/2031	National Stage	Active	Issued	Confiden LP	Confiden LP	Catheter with Imaging Assembly	Patient Monitoring & Recovery - PNR - Mansfield	Byrd, William (byrdws3); Allyn, Robert (allrnt1); Dorsey, Michael (dorsen1); Verdon, Patrick (migs-PV); Gabels, Stephen (migs-SGB); Buerfeldt, Andrew (migs-AB18);
H-KN-01726-FRN13	FR	14188483.3	2848190	EP2848190	09/08/2010	09/08/2011	11/02/2016	09/08/2031	National Stage	Active	Issued	Confiden LP	Confiden LP	Catheter with Imaging Assembly	Patient Monitoring & Recovery - PNR - Mansfield	Byrd, William (byrdws3); Allyn, Robert (allrnt1); Dorsey, Michael (dorsen1); Verdon, Patrick (migs-PV); Gabels, Stephen (migs-SGB); Buerfeldt, Andrew (migs-AB18);
H-KN-01726-FRN14	GB	14188483.3	2848190	EP2848190	09/08/2010	09/08/2011	11/02/2016	09/08/2031	National Stage	Active	Issued	Confiden LP	Confiden LP	Catheter with Imaging Assembly	Patient Monitoring & Recovery - PNR - Mansfield	Byrd, William (byrdws3); Allyn, Robert (allrnt1); Dorsey, Michael (dorsen1); Verdon, Patrick (migs-PV); Gabels, Stephen (migs-SGB); Buerfeldt, Andrew (migs-AB18);
H-KN-01397-USCL	US	15/135,467		US 2016-0235629 A1	09/08/2010	04/21/2016			Continuation	Active	Published	Confiden LP	Confiden LP	CATHETER WITH IMAGING ASSEMBLY	Patient Monitoring & Recovery - PNR - Mansfield	Byrd, William (byrdws3); Allyn, Robert (allrnt1); Dorsey, Michael (dorsen1); Lewis, Thomas (lewts7);
H-KN-01726F3	EP	14150399.5		EP2719323	09/08/2010	09/08/2011			Divisional	Active	Published	Confiden LP	Confiden LP	Catheter with Imaging Assembly	Patient Monitoring & Recovery - PNR - Mansfield	Byrd, William (byrdws3); Gams, Robert (garnet1); Brancner, Glen (brang1); Allyn, Robert (allrnt1); Dorsey, Michael (dorsen1); Lewis, Thomas (lewts7);
H-KN-01726US1	US	13/28075	9,538,908	20120065469	09/08/2010	09/08/2011	01/10/2017	09/08/2031	Utility	Active	Issued	Confiden LP	Confiden LP	Catheter with Imaging Assembly	Patient Monitoring & Recovery - PNR - Mansfield	Byrd, William (byrdws3); Gams, Robert (garnet1); Brancner, Glen (brang1); Allyn, Robert (allrnt1); Dorsey, Michael (dorsen1); Lewis, Thomas (lewts7);
H-KN-01726US3	US	14/086566		20140024893	09/08/2010	09/25/2013			Continuation	Active	Allowed	Confiden LP	Confiden LP	Feeding Tube System with Imaging Assembly and Console	Patient Monitoring & Recovery - PNR - Mansfield	Byrd, William (byrdws3); Gams, Robert (garnet1); Brancner, Glen (brang1); Allyn, Robert (allrnt1); Dorsey, Michael (dorsen1); Lewis, Thomas (lewts7);
M-1137US	US	12/240654	8795225	20100082011	09/29/2008	09/29/2008	08/05/2014	02/27/2032	Utility	Active	Issued	Confiden LP	Confiden LP	Fluid Direction in An Internal Feeding Set	Patient Monitoring & Recovery - PNR - Mansfield	Byrd, William (byrdws3); Hudson, Joseph (hudjos8); Lewis, Thomas (lewts7)
M-1137US01	US	14/303919			09/29/2008	04/13/2014			Continuation	Active	Allowed	Confiden LP	Confiden LP	Fluid Direction in An Internal Feeding Set	Patient Monitoring & Recovery - PNR - Mansfield	Byrd, William (byrdws3); Hudson, Joseph (hudjos8); Lewis, Thomas (lewts7)
Z067AU	AU	2005334794	2005334794		08/09/2004	08/08/2005	11/03/2011	08/08/2025	National Stage	Active	Issued	Confiden LP	Confiden LP	MEDICAL SOUN APPLICATION APPARATUS	Patient Monitoring & Recovery - PNR - Mansfield	Cable, Frank (migs-FAC); Fetterolf, Andy (migs-AB3);
Z067BR	BR	P0514190-7		1952	08/09/2004	08/08/2005			National Stage	Active	Published	Confiden LP	Confiden LP	MEDICAL SOUN APPLICATION APPARATUS	Patient Monitoring & Recovery - PNR - Mansfield	Cable, Frank (migs-FAC); Fetterolf, Andy (migs-AB3);
Z067CA	CA	2577729	2577729		08/09/2004	08/08/2005	08/05/2014	08/08/2025	National Stage	Active	Issued	Confiden LP	Confiden LP	MEDICAL SOUN APPLICATION APPARATUS	Patient Monitoring & Recovery - PNR - Mansfield	Cable, Frank (migs-FAC); Fetterolf, Andy (migs-AB3);
Z067CADV	CA	2836948	2836948		08/09/2004	12/18/2013	1027/2015	12/18/2033	National Stage	Active	Issued	Confiden LP	Confiden LP	MEDICAL SOUN APPLICATION APPARATUS	Patient Monitoring & Recovery - PNR - Mansfield	Cable, Frank (migs-FAC); Fetterolf, Andy (migs-AB3);
Z067CN	CN	200580031792.8	27200580031792.8	CN101022840A	08/09/2004	08/08/2005	09/02/2010	08/08/2025	National Stage	Active	Issued	Confiden LP	Confiden LP	MEDICAL SOUN APPLICATION APPARATUS	Patient Monitoring & Recovery - PNR - Mansfield	Cable, Frank (migs-FAC); Fetterolf, Andy (migs-AB3);

Reference #	Country	App #	Patent #	Pub #	Priority Date	App Date	Issue Date	Expiration Date	Active Sub-System	Status	Sub-System	Current Owner	Assignee	Title	Business Classification	Inventors
Z067CNDV	CN	201010531396.4	201010531396	CN102019039A	08/09/2004	08/08/2005	08/21/2013	08/08/2025	National Stage	Active	Issued	Confiden IP	Confiden IP	MEDICAL SKIN APPLICATOR APPARATUS	Patient Monitoring & Recovery - IMR - Mansfield	Tajer, Mark (MITG-MT3)
Z067P	JP	05784402.9	1758379	08/08/2004	08/08/2005				National Stage	Active	Published	Confiden IP	Confiden IP	MEDICAL SKIN APPLICATOR APPARATUS	Patient Monitoring & Operating Room Other MOOP	Cable, Frank (MITG-FAC); Feterolf, Andy (MITG-AT8); Tajer, Mark (MITG-MT3)
Z067P	JP	2003-583032	8881555	2003-508587	08/09/2004	08/08/2005	08/21/2013	08/08/2025	National Stage	Active	Issued	Confiden IP	Confiden IP	MEDICAL SKIN APPLICATOR APPARATUS	Patient Monitoring & Recovery - IMR - Mansfield	Cable, Frank (MITG-FAC); Feterolf, Andy (MITG-AT8); Tajer, Mark (MITG-MT3)
Z067PDV	JP	2011.44320	5140744	2011.104415	08/09/2004	08/08/2005	11/27/2012	08/08/2025	Divisional	Active	Issued	Confiden IP	Confiden IP	MEDICAL SKIN APPLICATOR APPARATUS	Patient Monitoring & Operating Room Other MOOP	Tajer, Mark (MITG-MT3)
Z067MX	MX	Mx/4/2007/001483	296404		08/09/2004	08/08/2005	03/09/2012	08/08/2025	National Stage	Active	Issued	Confiden IP	Confiden IP	MEDICAL SKIN APPLICATOR APPARATUS	Patient Monitoring & Operating Room Other MOOP	Tajer, Mark (MITG-MT3)
Z067US3	US	112700460	7866907	2006/0039742	08/09/2004	08/08/2005	01/11/2011	09/17/2028	Utility	Active	Issued	Confiden IP	Confiden IP	MEDICAL SKIN APPLICATOR APPARATUS	Patient Monitoring & Operating Room Other MOOP	Cable, Frank (MITG-FAC); Feterolf, Andy (MITG-AT8); Tajer, Mark (MITG-MT3)
Z067US4	US	12/89795	8113731	20100286637	08/09/2004	07/20/2010	02/14/2012	02/10/2032	Divisional	Active	Issued	Confiden IP	Confiden IP	MEDICAL SKIN APPLICATOR APPARATUS	Patient Monitoring & Recovery - IMR - Mansfield	Tajer, Mark (MITG-MT3)
Z067US5	US	13/70835	8,348,537	20120143153	08/09/2004	02/10/2012	01/08/2013	08/08/2025	Continuation	Active	Issued	Confiden IP	Confiden IP	MEDICAL SKIN APPLICATOR APPARATUS	Patient Monitoring & Recovery - IMR - Mansfield	Cable, Frank (MITG-FAC); Feterolf, Andy (MITG-AT8); Tajer, Mark (MITG-MT3)
Z067US6	US	13/76718	8740488	20130123717	08/09/2004	01/08/2013	08/09/2014	08/08/2025	Continuation	Active	Issued	Confiden IP	Confiden IP	Medical Skin Applicator Apparatus	Patient Monitoring & Operating Room Other MOOP	Cable, Frank (MITG-FAC); Feterolf, Andy (MITG-AT8); Tajer, Mark (MITG-MT3)
H-KN-D10160E	DE	10172404.5	60201000945.0	Z292203	09/02/2009	08/10/2010	02/13/2013	08/10/2030	National Stage	Active	Issued	Confiden IP	Confiden IP	Patient Positioning Apparatus	Patient Monitoring & Recovery - IMR - Mansfield	Callahan, Mark (MITG-M1C)
H-KN-D10160F	FR	10172404.5	Z292203	09/02/2009	08/10/2010	02/13/2013	08/10/2030	National Stage	Active	Issued	Confiden IP	Confiden IP	Confiden IP	Patient Positioning Apparatus	Patient Monitoring & Recovery - IMR - Mansfield	Callahan, Mark (MITG-M1C)
H-KN-D10166B	GB	10172404.5	Z292203	09/02/2009	08/10/2010	02/13/2013	08/10/2030	National Stage	Active	Issued	Confiden IP	Confiden IP	Confiden IP	Patient Positioning Apparatus	Patient Monitoring & Recovery - IMR - Mansfield	Callahan, Mark (MITG-M1C)
H-KN-D2606US3	US	15/218,339		08/15/2013	07/25/2016				Continuation	Active	Filed	Confiden IP	Confiden IP	Radioactive ECG Electrode System	Patient Monitoring & Recovery - IMR - Mansfield	Callahan, Mark (MITG-M1C)
H-KN-D2606US2	US	Z9/498,717	0771818	08/15/2013	08/01/2014	11/15/2016	03/15/2033	03/15/2033	Continuation-in-Part	Active	Issued	Confiden IP	Confiden IP	ECG ELECTRODE CONNECTOR	Patient Monitoring & Operating Room Other MOOP	Callahan, Mark (MITG-M1C)
H-KN-D3161E01	EP	15164582.7		04/25/2014	04/22/2015				Utility	Active	Published	Confiden IP	Confiden IP	PHYSICAL SHIELDING FOR ECG ELECTRICAL CONNECTIONS	Patient Monitoring & Recovery - IMR - Mansfield	Callahan, Mark (MITG-M1C)
H-KN-D3161US01	US	14/693936	9,461,393	20150311621A1	04/25/2014	04/23/2015	10/04/2016	04/23/2035	Utility	Active	Issued	Confiden IP	Confiden IP	PHYSICAL SHIELDING FOR ECG ELECTRICAL CONNECTIONS	Patient Monitoring & Recovery - IMR - Mansfield	Callahan, Mark (MITG-M1C)
H-KN-D10101E	DE	08171489.1	68,2008,002,806.2	Z075029	12/20/2007	12/12/2008	09/29/2010	12/12/2028	National Stage	Active	Issued	Confiden IP	Confiden IP	Locking Clip with Spring-Loaded Collar	Patient Monitoring & Recovery - IMR - Mansfield	Callahan, James L. (MITG-C23)
H-KN-D10101F	FR	08171489.1	Z075029	12/20/2007	12/12/2008	09/29/2010	12/12/2028	National Stage	Active	Issued	Confiden IP	Confiden IP	Confiden IP	Locking Clip with Spring-Loaded Collar	Patient Monitoring & Recovery - IMR - Mansfield	Callahan, James L. (MITG-C23)
H-KN-D10101G	GB	08171489.1	Z075029	12/20/2007	12/12/2008	09/29/2010	12/12/2028	National Stage	Active	Issued	Confiden IP	Confiden IP	Confiden IP	Locking Clip with Spring-Loaded Collar	Patient Monitoring & Recovery - IMR - Mansfield	Callahan, James L. (MITG-C23)
H-KN-D10101H	IT	08171489.1	Z075029	12/20/2007	12/12/2008	09/29/2010	12/12/2028	National Stage	Active	Issued	Confiden IP	Confiden IP	Confiden IP	Locking Clip with Spring-Loaded Collar	Patient Monitoring & Recovery - IMR - Mansfield	Callahan, James L. (MITG-C23)
H-KN-D10101I	US	12/738284	8348893	2009-0163861A1	12/20/2007	12/18/2008	01/08/2013	11/08/2031	Utility	Active	Issued	Confiden IP	Confiden IP	Locking Clip Assembly with Spring-Loaded Collar	Patient Monitoring & Recovery - IMR - Mansfield	Callahan, James L. (MITG-C23)
H-KN-D10104US1	US	12/412652	9,408,971	20090247361	03/27/2009	08/09/2016	09/06/2031		Utility	Active	Issued	Confiden IP	Confiden IP	Self-Capping Syringe Assembly with One-Way Valve	Patient Monitoring & Recovery - IMR - Mansfield	Callahan, James L. (MITG-C23)
H-KN-D10105US1	US	12/409133	8540482	2009-0247358A1	03/27/2009	09/24/2013	01/31/2032		Utility	Active	Issued	Confiden IP	Confiden IP	Punger Activated Capping System	Patient Monitoring & Recovery - IMR - Mansfield	Callahan, James L. (MITG-C23)

Reference #	Country	App #	Parent #	Pub #	Priority Date	App Date	Issue Date	Expiration Date	Active Sub	Status	Sub Status	Current Owner	Assignee	Title	Abstract/Classification	Inventors
H-KN-010900E	DE	09161662.1	2145641	2145641	06/10/2008	06/24/2009	11/27/2013	06/24/2029	National Stage	Active	Issued	Confiden LP	Confiden LP	SAFETY DEVICE ACTUATION SYSTEM	Patient Monitoring & Recovery - IMR - Mansfield Intravenous Access/Pre-fill Other intravenous Access/Pre-fill	Carlyon, James L. (MTIG-IC2)
H-KN-010900R	FR	09161662.1	2145641	2145641	06/10/2008	06/24/2009	11/27/2013	06/24/2029	National Stage	Active	Issued	Confiden LP	Confiden LP	SAFETY DEVICE ACTUATION SYSTEM	Patient Monitoring & Recovery - IMR - Mansfield Intravenous Access/Pre-fill Other intravenous Access/Pre-fill	Carlyon, James L. (MTIG-IC2)
H-KN-010900B	GB	09161662.1	2145641	2145641	06/10/2008	06/24/2009	11/27/2013	06/24/2029	National Stage	Active	Issued	Confiden LP	Confiden LP	SAFETY DEVICE ACTUATION SYSTEM	Patient Monitoring & Recovery - IMR - Mansfield Intravenous Access/Pre-fill Other intravenous Access/Pre-fill	Carlyon, James L. (MTIG-IC2)
H-KN-010901S1	US	12/489535	8708669	2009-0236476-A1	06/10/2008	06/23/2009	04/29/2014	02/11/2033	Utility	Active	Issued	Confiden LP	Confiden LP	Safety Device Actuation System	Patient Monitoring & Recovery - IMR - Mansfield Intravenous Access/Pre-fill Other intravenous Access/Pre-fill	Carlyon, James L. (MTIG-IC2)
H-KN-010901S1	US	12/482916	8142403	20090326475	06/10/2008	06/11/2009	03/27/2012	06/11/2029	Utility	Active	Issued	Confiden LP	Confiden LP	Syringe Assembly with Plunger Having a Secondary Dispensing Reservoir	Patient Monitoring & Recovery - IMR - Mansfield Intravenous Access/Pre-fill Other intravenous Access/Pre-fill	Carlyon, James L. (MTIG-IC2)
H-KN-010901S2	US	13/424607	8506327	20120202950	06/10/2008	03/20/2012	08/13/2013	07/01/2029	Continuation	Active	Issued	Confiden LP	Confiden LP	Syringe Assembly with Plunger Having a Secondary Dispensing Reservoir	Patient Monitoring & Recovery - IMR - Mansfield Intravenous Access/Pre-fill Other intravenous Access/Pre-fill	Carlyon, James L. (MTIG-IC2)
H-KN-00913CN	CN	200810178527.8	Z1200810178527.8	CN101396581A	06/27/2007	06/27/2008	11/27/2012	06/27/2028	Utility	Active	Issued	Confiden LP	Confiden LP	Positive Displacement Fluid Lock Port	Patient Monitoring & Recovery - IMR - Mansfield Intravenous Access/Pre-fill Other intravenous Access/Pre-fill	Qielak, Todd (GOV-PV-TMOC)
H-KN-00913DE	DE	08023155.0	2008664	2008664	06/27/2007	06/23/2008	04/13/2011	06/23/2028	National Stage	Active	Issued	Confiden LP	Confiden LP	Positive Displacement Fluid Lock Port	Patient Monitoring & Recovery - IMR - Mansfield Intravenous Access/Pre-fill Other intravenous Access/Pre-fill	Qielak, Todd (GOV-PV-TMOC)
H-KN-00913ES	ES	08023155.0	2008664	2008664	06/27/2007	06/23/2008	04/13/2011	06/23/2028	National Stage	Active	Issued	Confiden LP	Confiden LP	Positive Displacement Fluid Lock Port	Patient Monitoring & Recovery - IMR - Mansfield Intravenous Access/Pre-fill Other intravenous Access/Pre-fill	Qielak, Todd (GOV-PV-TMOC)
H-KN-00913FR	FR	08023155.0	2008664	2008664	06/27/2007	06/23/2008	04/13/2011	06/23/2028	National Stage	Active	Issued	Confiden LP	Confiden LP	Positive Displacement Fluid Lock Port	Patient Monitoring & Recovery - IMR - Mansfield Intravenous Access/Pre-fill Other intravenous Access/Pre-fill	Qielak, Todd (GOV-PV-TMOC)
H-KN-00913GB	GB	08023155.0	2008664	2008664	06/27/2007	06/23/2008	04/13/2011	06/23/2028	National Stage	Active	Issued	Confiden LP	Confiden LP	Positive Displacement Fluid Lock Port	Patient Monitoring & Recovery - IMR - Mansfield Intravenous Access/Pre-fill Other intravenous Access/Pre-fill	Qielak, Todd (GOV-PV-TMOC)
H-KN-00913JP	JP	2008.167852	5271614	2009-61448	06/27/2007	06/26/2008	03/17/2013	06/26/2028	Utility	Active	Issued	Confiden LP	Confiden LP	Positive Displacement Anti-Reflex Fluid Lock Port	Patient Monitoring & Recovery - IMR - Mansfield Intravenous Access/Pre-fill Other intravenous Access/Pre-fill	Qielak, Todd (GOV-PV-TMOC)
H-KN-00913US1	US	12/141178	7896863	20090005759	06/27/2007	06/18/2008	03/01/2011	06/18/2028	Utility	Active	Issued	Confiden LP	Confiden LP	Positive Displacement Fluid Lock Port	Patient Monitoring & Recovery - IMR - Mansfield Intravenous Access/Pre-fill Other intravenous Access/Pre-fill	Qielak, Todd (GOV-PV-TMOC)
H-KN-00913US2	US	13/028652	8795340	20110137264	06/27/2007	02/16/2011	08/05/2014	08/30/2028	Divisional	Active	Issued	Confiden LP	Confiden LP	Positive Displacement Fluid Lock Port	Patient Monitoring & Recovery - IMR - Mansfield Intravenous Access/Pre-fill Other intravenous Access/Pre-fill	Qielak, Todd (GOV-PV-TMOC)
H-KN-00913US3	US	13/028663	8832741	2011.0137265-A1	06/27/2007	02/16/2011	02/26/2013	06/18/2028	Continuation	Active	Issued	Confiden LP	Confiden LP	Positive Displacement Fluid Lock Port	Patient Monitoring & Recovery - IMR - Mansfield Intravenous Access/Pre-fill Other intravenous Access/Pre-fill	Qielak, Todd (GOV-PV-TMOC)
H-KN-01014DE	DE	08169625.4	60200802528.2	2067500	12/05/2007	11/21/2008	06/12/2013	11/21/2028	National Stage	Active	Issued	Confiden LP	Confiden LP	Device for Reducing Microbial Contamination	Patient Monitoring & Recovery - IMR - Mansfield Intravenous Access/Pre-fill Other intravenous Access/Pre-fill	Qielak, Todd (GOV-PV-TMOC)
H-KN-01014ES	ES	08169625.4	2067500	2067500	12/05/2007	11/21/2008	06/12/2013	11/21/2028	National Stage	Active	Issued	Confiden LP	Confiden LP	Device for Reducing Microbial Contamination	Patient Monitoring & Recovery - IMR - Mansfield Intravenous Access/Pre-fill Other intravenous Access/Pre-fill	Qielak, Todd (GOV-PV-TMOC)
H-KN-01014FR	FR	08169625.4	2067500	2067500	12/05/2007	11/21/2008	06/12/2013	11/21/2028	National Stage	Active	Issued	Confiden LP	Confiden LP	Device for Reducing Microbial Contamination	Patient Monitoring & Recovery - IMR - Mansfield Intravenous Access/Pre-fill Other intravenous Access/Pre-fill	Qielak, Todd (GOV-PV-TMOC)
H-KN-01014GB	GB	08169625.4	2067500	2067500	12/05/2007	11/21/2008	06/12/2013	11/21/2028	National Stage	Active	Issued	Confiden LP	Confiden LP	Device for Reducing Microbial Contamination	Patient Monitoring & Recovery - IMR - Mansfield Intravenous Access/Pre-fill Other intravenous Access/Pre-fill	Qielak, Todd (GOV-PV-TMOC)
H-KN-01014US1	US	12/378809	8506338	2009-0149819-A1	12/05/2007	12/05/2008	09/13/2013	10/25/2029	Utility	Active	Issued	Confiden LP	Confiden LP	Device for Reducing Microbial Contamination	Patient Monitoring & Recovery - IMR - Mansfield Intravenous Access/Pre-fill Other intravenous Access/Pre-fill	Qielak, Todd (GOV-PV-TMOC)
H-KN-01014US2	US	13/956679		20130326455	12/05/2007	08/01/2013			Divisional	Active	Published	Confiden LP	Confiden LP	Device for Reducing Microbial Contamination	Patient Monitoring & Recovery - IMR - Mansfield Intravenous Access/Pre-fill Other intravenous Access/Pre-fill	Qielak, Todd (GOV-PV-TMOC)
H-KN-010901S1	US	12/338358	8100885	20090163976	12/20/2007	12/18/2008	01/24/2012	06/27/2030	Utility	Active	Issued	Confiden LP	Confiden LP	Cap Assembly for Use with a Pre-filled Lock Solution	Patient Monitoring & Recovery - IMR - Mansfield Intravenous Access/Pre-fill Other intravenous Access/Pre-fill	Qielak, Todd (GOV-PV-TMOC), Chebator, Casey (MTIG-IC11)
H-KN-010901S2	US	13/248868	9192327	201303027403	12/14/2007	09/29/2011	11/24/2015	05/16/2032	Continuation	Active	Issued	Confiden LP	Confiden LP	Blood Collection Device with Tube Retaining Structure	Patient Monitoring & Recovery - IMR - Mansfield Blood Collection Other Blood Collection	Qielak, Todd (GOV-PV-TMOC), Nishio, Michael (MTIG-MN2)
ES0909051	DE	05017736.9	60042856.208	1607115	11/18/1999	08/11/2005	08/24/2009	11/20/2020	Divisional	Active	Issued	Confiden LP	Confiden LP	SAFETY NEEDLE AUTOSHIELD	Patient Monitoring & Recovery - IMR - Mansfield Needles & Syringes Other Needles & Syringes	COCKER, ROBIN (MTIG-RCC), Bedford, Anthony (MTIG-AB2)

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S-8509F51	US	05017756.9	1607115	1607115	11/8/1999	06/11/2005	08/24/2009	11/20/2020	Divisional	Active	Issued	Corinden LP	Corinden LP	SAFETY NEEDLE AUTOSHIELD	Patient Monitoring & Recovery - IMR - Mansfield Needles & Syringes (Other Needles & Syringes)	COCKER, ROBIN (MFG RQC), Bedford, Anthony (MFG A182)
S-8509F41	FR	05017756.9	1607115	1607115	11/8/1999	06/11/2005	08/24/2009	11/20/2020	Divisional	Active	Issued	Corinden LP	Corinden LP	SAFETY NEEDLE AUTOSHIELD	Patient Monitoring & Recovery - IMR - Mansfield Needles & Syringes (Other Needles & Syringes)	COCKER, ROBIN (MFG RQC), Bedford, Anthony (MFG A182)
S-8509G61	GB	05017756.9	1607115	1607115	11/8/1999	06/11/2005	08/24/2009	11/20/2020	Divisional	Active	Issued	Corinden LP	Corinden LP	SAFETY NEEDLE AUTOSHIELD	Patient Monitoring & Recovery - IMR - Mansfield Needles & Syringes (Other Needles & Syringes)	COCKER, ROBIN (MFG RQC), Bedford, Anthony (MFG A182)
S-8509E1	IE	05017756.9	1607115	1607115	11/8/1999	06/11/2005	08/24/2009	11/20/2020	Divisional	Active	Issued	Corinden LP	Corinden LP	SAFETY NEEDLE AUTOSHIELD	Patient Monitoring & Recovery - IMR - Mansfield Needles & Syringes (Other Needles & Syringes)	COCKER, ROBIN (MFG RQC), Bedford, Anthony (MFG A182)
S-8509T1	IT	05017756.9	1607115	1607115	11/8/1999	06/11/2005	08/24/2009	11/20/2020	Divisional	Active	Issued	Corinden LP	Corinden LP	SAFETY NEEDLE AUTOSHIELD	Patient Monitoring & Recovery - IMR - Mansfield Needles & Syringes (Other Needles & Syringes)	COCKER, ROBIN (MFG RQC), Bedford, Anthony (MFG A182)
S-8509J5	US	10/14/2063	7320682	20020193748A1	11/8/1999	11/20/2000	01/22/2006	11/20/2020	Utility	Active	Issued	Corinden LP	Corinden LP	SAFETY NEEDLE AUTOSHIELD	Patient Monitoring & Recovery - IMR - Mansfield Needles & Syringes (Other Needles & Syringes)	COCKER, ROBIN (MFG RQC), Bedford, Anthony (MFG A182)
S-8510A1	AU	20033039922	20033039922		02/14/2003	11/19/2003	06/18/2010	11/19/2023	National Stage	Active	Issued	Corinden LP	Corinden LP	SAFETY DEVICE WITH TRIGGER MECHANISM	Patient Monitoring & Recovery - IMR - Mansfield Needles & Syringes (Other Needles & Syringes)	COCKER, ROBIN (MFG RQC), Bedford, Anthony (MFG A182)
S-8510B4	BR	P10318113.8	P10318113.8	P10318113.8	02/14/2003	11/19/2003	07/07/2015	11/19/2023	National Stage	Active	Issued	Corinden LP	Corinden LP	SAFETY DEVICE WITH TRIGGER MECHANISM	Patient Monitoring & Recovery - IMR - Mansfield Needles & Syringes (Other Needles & Syringes)	COCKER, ROBIN (MFG RQC), Bedford, Anthony (MFG A182)
S-8510CA	CA	2513666	2513666	2513666	02/14/2003	11/19/2003	06/28/2011	11/19/2023	National Stage	Active	Issued	Corinden LP	Corinden LP	SAFETY DEVICE WITH TRIGGER MECHANISM	Patient Monitoring & Recovery - IMR - Mansfield Needles & Syringes (Other Needles & Syringes)	COCKER, ROBIN (MFG RQC), Bedford, Anthony (MFG A182)
S-8510CN	CN	Z1200380109709.5	Z1200380109709.5	CN14747758A	02/14/2003	11/19/2003	10/28/2009	11/19/2023	National Stage	Active	Issued	Corinden LP	Corinden LP	SAFETY DEVICE WITH TRIGGER MECHANISM	Patient Monitoring & Recovery - IMR - Mansfield Needles & Syringes (Other Needles & Syringes)	COCKER, ROBIN (MFG RQC), Bedford, Anthony (MFG A182)
S-8510DE	DE	03815862.4	1592472	1592472	02/14/2003	11/19/2003	01/24/2007	11/19/2023	National Stage	Active	Issued	Corinden LP	Corinden LP	SAFETY DEVICE WITH TRIGGER MECHANISM	Patient Monitoring & Recovery - IMR - Mansfield Needles & Syringes (Other Needles & Syringes)	COCKER, ROBIN (MFG RQC), Bedford, Anthony (MFG A182)
S-8510E5	ES	03815862.4	1592472	1592472	02/14/2003	11/19/2003	01/24/2007	11/19/2023	National Stage	Active	Issued	Corinden LP	Corinden LP	SAFETY DEVICE WITH TRIGGER MECHANISM	Patient Monitoring & Recovery - IMR - Mansfield Needles & Syringes (Other Needles & Syringes)	COCKER, ROBIN (MFG RQC), Bedford, Anthony (MFG A182)
S-8510FR	FR	03815862.4	1592472	1592472	02/14/2003	11/19/2003	01/24/2007	11/19/2023	National Stage	Active	Issued	Corinden LP	Corinden LP	SAFETY DEVICE WITH TRIGGER MECHANISM	Patient Monitoring & Recovery - IMR - Mansfield Needles & Syringes (Other Needles & Syringes)	COCKER, ROBIN (MFG RQC), Bedford, Anthony (MFG A182)
S-8510G61	GB	03815862.4	1592472	1592472	02/14/2003	11/19/2003	01/24/2007	11/19/2023	National Stage	Active	Issued	Corinden LP	Corinden LP	SAFETY DEVICE WITH TRIGGER MECHANISM	Patient Monitoring & Recovery - IMR - Mansfield Needles & Syringes (Other Needles & Syringes)	COCKER, ROBIN (MFG RQC), Bedford, Anthony (MFG A182)
S-8510IE	IE	03815862.4	1592472	1592472	02/14/2003	11/19/2003	01/24/2007	11/19/2023	National Stage	Active	Issued	Corinden LP	Corinden LP	SAFETY DEVICE WITH TRIGGER MECHANISM	Patient Monitoring & Recovery - IMR - Mansfield Needles & Syringes (Other Needles & Syringes)	COCKER, ROBIN (MFG RQC), Bedford, Anthony (MFG A182)
S-8510IL	IL	169024	169024		02/14/2003	11/19/2003	11/01/2011	11/19/2023	National Stage	Active	Issued	Corinden LP	Corinden LP	SAFETY DEVICE WITH TRIGGER MECHANISM	Patient Monitoring & Recovery - IMR - Mansfield Needles & Syringes (Other Needles & Syringes)	COCKER, ROBIN (MFG RQC), Bedford, Anthony (MFG A182)
S-8510IT	IT	03815862.4	1592472	1592472	02/14/2003	11/19/2003	01/24/2007	11/19/2023	National Stage	Active	Issued	Corinden LP	Corinden LP	SAFETY DEVICE WITH TRIGGER MECHANISM	Patient Monitoring & Recovery - IMR - Mansfield Needles & Syringes (Other Needles & Syringes)	COCKER, ROBIN (MFG RQC), Bedford, Anthony (MFG A182)
S-8510MK	MX	P4/4/2005/008442	2514888		02/14/2003	11/19/2003	02/19/2006	11/19/2023	National Stage	Active	Issued	Corinden LP	Corinden LP	SAFETY DEVICE WITH TRIGGER MECHANISM	Patient Monitoring & Recovery - IMR - Mansfield Needles & Syringes (Other Needles & Syringes)	COCKER, ROBIN (MFG RQC), Bedford, Anthony (MFG A182)
S-8510JP	JP	2004-568146	4446894		02/14/2003	11/19/2003	01/29/2010	11/19/2023	National Stage	Active	Issued	Corinden LP	Corinden LP	SAFETY DEVICE WITH TRIGGER MECHANISM	Patient Monitoring & Recovery - IMR - Mansfield Needles & Syringes (Other Needles & Syringes)	COCKER, ROBIN (MFG RQC), Bedford, Anthony (MFG A182)
S-8510J5	US	10/716771	7300723	20040162352A1	02/14/2003	11/19/2003	11/27/2007	02/15/2024	Utility	Active	Issued	Corinden LP	Corinden LP	SAFETY DEVICE WITH TRIGGER MECHANISM	Patient Monitoring & Recovery - IMR - Mansfield Needles & Syringes (Other Needles & Syringes)	COCKER, ROBIN (MFG RQC), Bedford, Anthony (MFG A182)
S-8510EM	EU	000109418	000109418-0001		11/21/2002	11/20/2003	02/23/2004	11/20/2026	Design	Active	Issued	Corinden LP	Corinden LP	SAFETY NEEDLE AUTOHEAT DESIGN	Patient Monitoring & Recovery - IMR - Mansfield Needles & Syringes (Other Needles & Syringes)	COCKER, ROBIN (MFG RQC), Bedford, Anthony (MFG A182)
S-8510G8	GB	3034347.8	3008897		11/21/2002	11/21/2002	12/09/2002	11/21/2027	Design	Active	Issued	Corinden LP	Corinden LP	SAFETY NEEDLE AUTOHEAT DESIGN	Patient Monitoring & Recovery - IMR - Mansfield Needles & Syringes (Other Needles & Syringes)	COCKER, ROBIN (MFG RQC), Bedford, Anthony (MFG A182)
S-8510A11	AU	20080203847	20080203847		06/13/2008	10/17/2013	06/13/2026		Utility	Active	Issued	Corinden LP	Corinden LP	SAFETY DEVICE WITH TRIGGER MECHANISM	Patient Monitoring & Recovery - IMR - Mansfield Needles & Syringes (Other Needles & Syringes)	COCKER, ROBIN (MFG RQC), Bedford, Anthony (MFG A182)
S-8510CA1	CA	2638515	2638515	2638515	06/22/2007	06/06/2008	01/19/2016	06/06/2026	Utility	Active	Issued	Corinden LP	Corinden LP	SAFETY DEVICE WITH TRIGGER MECHANISM	Patient Monitoring & Recovery - IMR - Mansfield Needles & Syringes (Other Needles & Syringes)	COCKER, ROBIN (MFG RQC), Bedford, Anthony (MFG A182)

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S-810EP1	JP	0816212.2		EP2027879	08/22/2007	08/07/2008			Utility	Active	Published	Coriden LP	Coriden LP	SAFETY DEVICE WITH TRIGGER MECHANISM	Patient Monitoring & Recovery - IMR - Mansfield Needles & Syringes Other Needles & Syringes	COCKER, ROBYN(MTG-RCQ), Bedford, Anthony (MTG-AJC) A12) Gale, David (MTG-D56), Cooper, Adrian (MTG-AJC)
S-810N1	N	1397/061/2008			08/22/2007	08/14/2008			Utility	Active	Published	Coriden LP	Coriden LP	SAFETY DEVICE WITH TRIGGER MECHANISM	Patient Monitoring & Recovery - IMR - Mansfield Needles & Syringes Other Needles & Syringes	COCKER, ROBYN(MTG-RCQ), Bedford, Anthony (MTG-AJC) A12) Gale, David (MTG-D56), Cooper, Adrian (MTG-AJC)
S-810JP1	JP	2008-211124	5448399	2009-45465	08/22/2007	08/19/2008	01/4/2014	08/19/2028	Utility	Active	Issued	Coriden LP	Coriden LP	SAFETY DEVICE WITH TRIGGER MECHANISM	Patient Monitoring & Recovery - IMR - Mansfield Needles & Syringes Other Needles & Syringes	COCKER, ROBYN(MTG-RCQ), Bedford, Anthony (MTG-AJC) A12) Gale, David (MTG-D56), Cooper, Adrian (MTG-AJC)
S-810M1	MX	MX/A/2008/010627	290837		08/22/2007	08/19/2008	10/07/2011	08/19/2028	Utility	Active	Issued	Coriden LP	Coriden LP	SAFETY DEVICE WITH TRIGGER MECHANISM	Patient Monitoring & Recovery - IMR - Mansfield Needles & Syringes Other Needles & Syringes	COCKER, ROBYN(MTG-RCQ), Bedford, Anthony (MTG-AJC) A12) Gale, David (MTG-D56), Cooper, Adrian (MTG-AJC)
S-810US1	US	11/894948	753296	20080051724	02/14/2003	08/22/2007	06/30/2009	11/19/2023	Continuation-in-Part	Active	Issued	Coriden LP	Coriden LP	SAFETY DEVICE WITH TRIGGER MECHANISM	Patient Monitoring & Recovery - IMR - Mansfield Needles & Syringes Other Needles & Syringes	COCKER, ROBYN(MTG-RCQ), Bedford, Anthony (MTG-AJC) A12) Gale, David (MTG-D56), Cooper, Adrian (MTG-AJC)
Z082US	US	11/444976	7860746	20070282408	06/01/2006	06/01/2006	12/28/2010	02/02/2029	Utility	Active	Issued	Coriden LP	Coriden LP	Medical Electrode with Self-Lifting Tabs	Patient Monitoring & Recovery - IMR - Mansfield Monitoring & Operating Room Other MOPR	COCKER, SCOTT (CAGGIST)
Z082US1	US	12/947875	9428684	20110066021	06/01/2006	11/17/2010	04/23/2013	07/20/2026	Continuation	Active	Issued	Coriden LP	Coriden LP	Medical Electrode with Self-Lifting Tabs	Patient Monitoring & Recovery - IMR - Mansfield Monitoring & Operating Room Other MOPR	COCKER, SCOTT (CAGGIST)
H-KN-0153MX	MX	MX/A/2015/003084			09/14/2012	09/09/2013			National Stage	Active	Filed	Coriden LP	Coriden LP	Methods And Apparatus for Wireless Electrode Heating Power Conservation	Patient Monitoring & Recovery - IMR - Mansfield Monitoring & Operating Room Other MOPR	COCKER, SCOTT (CAGGIST)
H-KN-00296-01-N1	DE	07253826.2	602007047932.7	EP1905479	09/29/2006	09/27/2007	08/10/2016	09/27/2027	National Stage	Active	Issued	Coriden LP	Coriden LP	Medical Electrode	Patient Monitoring & Recovery - IMR - Mansfield Monitoring & Operating Room Other MOPR	COCKER, SCOTT (CAGGIST); Gaddy, Peter (MTG-PJ5); Meyer, Peter F. (MTG-PM10)
H-KN-00296-ERNZ	FR	07253826.2	1905579	EP1905479	09/29/2006	09/27/2007	08/10/2016	09/27/2027	National Stage	Active	Issued	Coriden LP	Coriden LP	Medical Electrode	Patient Monitoring & Recovery - IMR - Mansfield Monitoring & Operating Room Other MOPR	COCKER, SCOTT (CAGGIST); Gaddy, Peter (MTG-PJ5); Meyer, Peter F. (MTG-PM10)
H-KN-00296-GRN3	GB	07253826.2	1905579	EP1905479	09/29/2006	09/27/2007	08/10/2016	09/27/2027	National Stage	Active	Issued	Coriden LP	Coriden LP	Medical Electrode	Patient Monitoring & Recovery - IMR - Mansfield Monitoring & Operating Room Other MOPR	COCKER, SCOTT (CAGGIST); Gaddy, Peter (MTG-PJ5); Meyer, Peter F. (MTG-PM10)
H-KN-00296-CA	CA	2603707		2603707	09/29/2006	09/25/2007			Utility	Active	Allowed	Coriden LP	Coriden LP	Medical Electrode	Patient Monitoring & Recovery - IMR - Mansfield Monitoring & Operating Room Other MOPR	COCKER, SCOTT (CAGGIST); Gaddy, Peter (MTG-PJ5); Meyer, Peter F. (MTG-PM10)
H-KN-00296-CN	CN	200710169162.8	200710169162	CN101246311A	09/29/2006	09/29/2007	08/21/2013	09/29/2027	Utility	Active	Issued	Coriden LP	Coriden LP	Medical Electrode	Patient Monitoring & Recovery - IMR - Mansfield Monitoring & Operating Room Other MOPR	COCKER, SCOTT (CAGGIST); Gaddy, Peter (MTG-PJ5); Meyer, Peter F. (MTG-PM10)
H-KN-00296-JP	JP	2007-252481	5430832	2008-86764	09/29/2006	09/27/2007	12/13/2013	09/27/2027	Utility	Active	Issued	Coriden LP	Coriden LP	Medical Electrode	Patient Monitoring & Recovery - IMR - Mansfield Monitoring & Operating Room Other MOPR	COCKER, SCOTT (CAGGIST); Gaddy, Peter (MTG-PJ5); Meyer, Peter F. (MTG-PM10)
H-KN-00296-MX	MX	MX/A/2007/012154	276235		09/29/2006	10/01/2007	05/28/2010	10/01/2027	Utility	Active	Issued	Coriden LP	Coriden LP	Medical Electrode	Patient Monitoring & Recovery - IMR - Mansfield Monitoring & Operating Room Other MOPR	COCKER, SCOTT (CAGGIST); Gaddy, Peter (MTG-PJ5); Meyer, Peter F. (MTG-PM10)
H-KN-00296-US	US	11/541110	7742828	20080082153	09/29/2006	09/29/2006	06/27/2010	01/15/2029	Utility	Active	Issued	Coriden LP	Coriden LP	Medical Electrode Suitable for High-Energy Stimulation	Patient Monitoring & Recovery - IMR - Mansfield Monitoring & Operating Room Other MOPR	COCKER, SCOTT (CAGGIST); Gaddy, Peter (MTG-PJ5); Meyer, Peter F. (MTG-PM10)
H-KN-01217-ET	ET	10/2013-109689	10-1516484		09/13/2012	09/12/2013	04/23/2015	09/12/2033	Utility	Active	Issued	Coriden LP	Coriden LP	Apparatus And Method For Energy Distribution In A Medical Electrode	Patient Monitoring & Recovery - IMR - Mansfield Custom Product Solutions Other CUS	COCKER, SCOTT (CAGGIST); Ivatt, Christopher (MTG-CHJ) Konecny, M.W. (MTG-MKJ); Starr, Ottaviano, Rachel (MTG-ST1); Middleton, J., David (MTG-DTM);
US860,302.21 US2	US	10,673,888	8,850,637	8,850,637	06/13/2007	08/13/2007	07/16/2015	06/13/2034	Utility	Active	Issued	Coriden LP	Coriden LP	SAFETY DEVICE WITH TRIGGER MECHANISM	Patient Monitoring & Recovery - IMR - Mansfield Needles & Syringes Other Needles & Syringes	COCKER, ROBYN(MTG-RCQ), Bedford, Anthony (MTG-AJC) A12) Gale, David (MTG-D56), Cooper, Adrian (MTG-AJC)
H-KN-01217-US1	US	14/010880	8965534	20140073966	09/13/2012	08/27/2013	02/24/2015	08/27/2033	Continuation	Active	Issued	Coriden LP	Coriden LP	Apparatus And Method For Energy Distribution In A Medical Electrode	Patient Monitoring & Recovery - IMR - Mansfield Custom Product Solutions Other CUS	COCKER, SCOTT (CAGGIST); Ivatt, Christopher (MTG-CHJ) Konecny, M.W. (MTG-MKJ); Starr, Ottaviano, Rachel (MTG-ST1); Middleton, J., David (MTG-DTM);
H-KN-01264-US1	US	13/248500	8862347	20120195372	09/29/2010	09/29/2011	03/04/2014	01/03/2032	Utility	Active	Issued	Coriden LP	Coriden LP	Medical Electrode Dispensers	Patient Monitoring & Recovery - IMR - Mansfield Monitoring & Operating Room Other MOPR	COCKER, SCOTT (CAGGIST); Ivatt, Christopher (MTG-CHJ) Konecny, M.W. (MTG-MKJ); Starr, Ottaviano, Rachel (MTG-ST1); Middleton, J., David (MTG-DTM);
H-KN-01264-US2	US	14/182867	9216851	20140312550	09/29/2010	02/18/2014	12/22/2015	09/29/2031	Divisional	Active	Issued	Coriden LP	Coriden LP	Medical Electrode Dispensers	Patient Monitoring & Recovery - IMR - Mansfield Monitoring & Operating Room Other MOPR	COCKER, SCOTT (CAGGIST); Ivatt, Christopher (MTG-CHJ) Konecny, M.W. (MTG-MKJ); Starr, Ottaviano, Rachel (MTG-ST1); Middleton, J., David (MTG-DTM);
H-KN-00039-CA	CA	2653593	2653593		05/20/2006	05/18/2007	01/20/2015	07/18/2027	National Stage	Active	Issued	Coriden LP	Coriden LP	Medical Electrode Containing a Hydrophilic Polymer	Patient Monitoring & Recovery - IMR - Mansfield Monitoring & Operating Room Other MOPR	COCKER, SCOTT (CAGGIST); Ivatt, Christopher (MTG-CHJ) Konecny, M.W. (MTG-MKJ); Starr, Ottaviano, Rachel (MTG-ST1); Middleton, J., David (MTG-DTM);
H-KN-00039-US	US	11/442797	7761131	20070282188	05/20/2006	05/30/2006	07/20/2010	05/02/2029	Utility	Active	Issued	Coriden LP	Coriden LP	Medical Electrode Containing a Hydrophilic Polymer	Patient Monitoring & Recovery - IMR - Mansfield Monitoring & Operating Room Other MOPR	COCKER, SCOTT (CAGGIST); Ivatt, Christopher (MTG-CHJ) Konecny, M.W. (MTG-MKJ); Starr, Ottaviano, Rachel (MTG-ST1); Middleton, J., David (MTG-DTM);
H-KN-00039-US1	US	12/797894	8017042	20100386782	05/20/2006	06/10/2010	09/13/2011	05/20/2026	Continuation	Active	Issued	Coriden LP	Coriden LP	Medical Electrode Containing a Hydrophilic Polymer	Patient Monitoring & Recovery - IMR - Mansfield Monitoring & Operating Room Other MOPR	COCKER, SCOTT (CAGGIST); Ivatt, Christopher (MTG-CHJ) Konecny, M.W. (MTG-MKJ); Starr, Ottaviano, Rachel (MTG-ST1); Middleton, J., David (MTG-DTM);

Reference #	Country	App #	Patent #	Pub #	Priority Date	App Date	Issue Date	Expiration Date	Active Sub- Type	Status	Sub Status	Current Owner	Assignee	Title	Business Classification	Inventors
H-KN-002120E	DE	07253204.7	602007025830.8	1894535	06/11/2006	06/15/2007	10/09/2012	06/15/2027	National Stage	Active	Issued	Confiden IP	Confiden IP	Adjustable Aspiration Device and Method of Making	Patient Monitoring & Recovery - PMR - Mansfield	DeSanto, Perry (MFG-P20); Gaurani, Mark (MFG-M30); Callahan, Mark (MFG-M1C)
H-KN-002125	US	07253204.7	1894535	1894535	06/11/2006	06/15/2007	10/09/2012	06/15/2027	National Stage	Active	Issued	Confiden IP	Confiden IP	Adjustable Aspiration Device and Method of Making	Patient Monitoring & Recovery - PMR - Mansfield	DeSanto, Perry (MFG-P20); Gaurani, Mark (MFG-M30); Callahan, Mark (MFG-M1C)
H-KN-002125R	FR	07253204.7	1894535	1894535	06/11/2006	06/15/2007	10/09/2012	06/15/2027	National Stage	Active	Issued	Confiden IP	Confiden IP	Adjustable Aspiration Device and Method of Making	Patient Monitoring & Recovery - PMR - Mansfield	DeSanto, Perry (MFG-P20); Gaurani, Mark (MFG-M30); Callahan, Mark (MFG-M1C)
H-KN-002126S	GB	07253204.7	1894535	1894535	06/11/2006	06/15/2007	10/09/2012	06/15/2027	National Stage	Active	Issued	Confiden IP	Confiden IP	Adjustable Aspiration Device and Method of Making	Patient Monitoring & Recovery - PMR - Mansfield	DeSanto, Perry (MFG-P20); Gaurani, Mark (MFG-M30); Callahan, Mark (MFG-M1C)
H-KN-002121P	JP	2007-213168	5188121	2008-49162	06/11/2006	06/17/2007	02/01/2013	06/17/2027	Utility	Active	Issued	Confiden IP	Confiden IP	Adjustable Aspiration Device and Method of Making	Patient Monitoring & Recovery - PMR - Mansfield	DeSanto, Perry (MFG-P20); Gaurani, Mark (MFG-M30); Callahan, Mark (MFG-M1C)
H-KN-01290-01-M	DE	10065485.7	2258334	EP2538334	06/04/2009	05/27/2010	10/12/2016	05/27/2030	National Stage	Active	Issued	Confiden IP	Confiden IP	GASTROSTOMY FEEDING APPARATUS AND METHOD	Patient Monitoring & Recovery - PMR - Mansfield	DeSanto, Perry (MFG-P20); Gaurani, Mark (MFG-M30); Callahan, Mark (MFG-M1C)
H-KN-01290-FRMZ	FR	10065485.7	2258334	EP2538334	06/04/2009	05/27/2010	10/12/2016	05/27/2030	National Stage	Active	Issued	Confiden IP	Confiden IP	GASTROSTOMY FEEDING APPARATUS AND METHOD	Patient Monitoring & Recovery - PMR - Mansfield	DeSanto, Perry (MFG-P20); Gaurani, Mark (MFG-M30); Callahan, Mark (MFG-M1C)
H-KN-01290-GHNS	GB	10065485.7	2258334	EP2538334	06/04/2009	05/27/2010	10/12/2016	05/27/2030	National Stage	Active	Issued	Confiden IP	Confiden IP	GASTROSTOMY FEEDING APPARATUS AND METHOD	Patient Monitoring & Recovery - PMR - Mansfield	DeSanto, Perry (MFG-P20); Gaurani, Mark (MFG-M30); Callahan, Mark (MFG-M1C)
H-KN-01290CA	CA	2705177	2705177	2705177	06/04/2009	05/26/2010	12/16/2014	05/26/2030	Utility	Active	Issued	Confiden IP	Confiden IP	GASTROSTOMY FEEDING APPARATUS AND METHOD	Patient Monitoring & Recovery - PMR - Mansfield	DeSanto, Perry (MFG-P20); Gaurani, Mark (MFG-M30); Callahan, Mark (MFG-M1C)
H-KN-01290US	US	12747834	8951232	20100312192	06/04/2009	06/04/2009	02/10/2015	06/04/2029	Utility	Active	Issued	Confiden IP	Confiden IP	GASTROSTOMY FEEDING APPARATUS AND METHOD	Patient Monitoring & Recovery - PMR - Mansfield	DeSanto, Perry (MFG-P20); Gaurani, Mark (MFG-M30); Callahan, Mark (MFG-M1C)
H-KN-013720-E01	DE	11000771.3	602011022371.2	EP2481351	02/01/2011	02/01/2011	01/06/2016	02/01/2031	National Stage	Active	Issued	Confiden IP	Confiden IP	Measuring Device for Measuring A Physiological Parameter Of An Aspireate	Patient Monitoring & Recovery - PMR - Mansfield	DeSanto, Perry (MFG-P20); Gaurani, Mark (MFG-M30); Callahan, Mark (MFG-M1C)
H-KN-013720-R01	FR	11000771.3	2481351	EP2481351	02/01/2011	02/01/2011	01/06/2016	02/01/2031	National Stage	Active	Issued	Confiden IP	Confiden IP	Measuring Device for Measuring A Physiological Parameter Of An Aspireate	Patient Monitoring & Recovery - PMR - Mansfield	DeSanto, Perry (MFG-P20); Gaurani, Mark (MFG-M30); Callahan, Mark (MFG-M1C)
H-KN-013726R01	GB	11000771.3	2481351	EP2481351	02/01/2011	02/01/2011	01/06/2016	02/01/2031	National Stage	Active	Issued	Confiden IP	Confiden IP	Measuring Device for Measuring A Physiological Parameter Of An Aspireate	Patient Monitoring & Recovery - PMR - Mansfield	DeSanto, Perry (MFG-P20); Gaurani, Mark (MFG-M30); Callahan, Mark (MFG-M1C)
H-KN-013721US	US	137363968	9241655	20120028285	02/01/2011	02/01/2012	01/26/2016	12/29/2032	Utility	Active	Issued	Confiden IP	Confiden IP	Measuring Device for Measuring A Physiological Parameter Of An Aspireate	Patient Monitoring & Recovery - PMR - Mansfield	DeSanto, Perry (MFG-P20); Gaurani, Mark (MFG-M30); Callahan, Mark (MFG-M1C)
H-KN-01468AU	AU	2012225528	2012225528		03/09/2011	03/07/2012	12/18/2014	03/07/2032	National Stage	Active	Issued	Confiden IP	Confiden IP	Connector for Connecting a Syringe to a Gastrostomy Tube	Patient Monitoring & Recovery - PMR - Mansfield	DeSanto, Perry (MFG-P20); Gaurani, Mark (MFG-M30); Callahan, Mark (MFG-M1C)
H-KN-01468CA	CA	2829387	2829387		03/09/2011	03/07/2012	07/07/2015	03/07/2032	National Stage	Active	Issued	Confiden IP	Confiden IP	Connector for Connecting a Syringe to a Gastrostomy Tube	Patient Monitoring & Recovery - PMR - Mansfield	DeSanto, Perry (MFG-P20); Gaurani, Mark (MFG-M30); Callahan, Mark (MFG-M1C)
H-KN-01468-E01	DE	11001934.6	2497525		03/09/2011	03/09/2011	06/04/2014	03/09/2031	National Stage	Active	Issued	Confiden IP	Confiden IP	Connector for Connecting a Syringe to a Gastrostomy Tube	Patient Monitoring & Recovery - PMR - Mansfield	DeSanto, Perry (MFG-P20); Gaurani, Mark (MFG-M30); Callahan, Mark (MFG-M1C)
H-KN-01468EP	EP	11001934.6	2497525	2497525	03/09/2011	03/09/2011	06/04/2014	03/09/2031	Utility	Active	Issued	Confiden IP	Confiden IP	Connector for Connecting a Syringe to a Gastrostomy Tube	Patient Monitoring & Recovery - PMR - Mansfield	DeSanto, Perry (MFG-P20); Gaurani, Mark (MFG-M30); Callahan, Mark (MFG-M1C)
H-KN-01468-R01	FR	11001934.6	2497525		03/09/2011	03/09/2011	06/04/2014	03/09/2031	National Stage	Active	Issued	Confiden IP	Confiden IP	Connector for Connecting a Syringe to a Gastrostomy Tube	Patient Monitoring & Recovery - PMR - Mansfield	DeSanto, Perry (MFG-P20); Gaurani, Mark (MFG-M30); Callahan, Mark (MFG-M1C)
H-KN-01468R01	GB	11001934.6	2497525		03/09/2011	03/09/2011	06/04/2014	03/09/2031	National Stage	Active	Issued	Confiden IP	Confiden IP	Connector for Connecting a Syringe to a Gastrostomy Tube	Patient Monitoring & Recovery - PMR - Mansfield	DeSanto, Perry (MFG-P20); Gaurani, Mark (MFG-M30); Callahan, Mark (MFG-M1C)
H-KN-01468P	JP	2013-557829	565673	2014-514023	03/09/2011	03/07/2012	12/12/2014	03/07/2032	National Stage	Active	Issued	Confiden IP	Confiden IP	Connector for Connecting a Syringe to a Gastrostomy Tube	Patient Monitoring & Recovery - PMR - Mansfield	DeSanto, Perry (MFG-P20); Gaurani, Mark (MFG-M30); Callahan, Mark (MFG-M1C)
H-KN-01468US	US	06/2013032		06/2013032	03/09/2011	03/07/2012			National Stage	Active	Issued	Confiden IP	Confiden IP	Connector for Connecting a Syringe to a Gastrostomy Tube	Patient Monitoring & Recovery - PMR - Mansfield	DeSanto, Perry (MFG-P20); Gaurani, Mark (MFG-M30); Callahan, Mark (MFG-M1C)
H-KN-01695US02	US	147397344	20140317899	06/12/2010	07/09/2014				Divisional	Active	Published	Confiden IP	Confiden IP	Scoring and Dispensing System for Reusable Syringe	Patient Monitoring & Recovery - PMR - Mansfield	DeSanto, Perry (MFG-P20); Gaurani, Mark (MFG-M30); Callahan, Mark (MFG-M1C)
353477-US92	US	62739233		04/29/2016	04/29/2016			04/29/2017	Provisional	Active	Filed	Confiden IP	Confiden IP	DETERMINING A COMBINATION OF A COMPRESSION PARAMETER	Patient Monitoring & Recovery - PMR - Mansfield	DeSanto, Perry (MFG-P20); Gaurani, Mark (MFG-M30); Callahan, Mark (MFG-M1C)
353810-US91	US								Provisional	Active	Draft	Confiden IP	Confiden IP	Advanced Patient Monitoring Interim Pneumatic Vascular Compression	Patient Monitoring & Recovery - PMR - Mansfield	DeSanto, Perry (MFG-P20); Gaurani, Mark (MFG-M30); Callahan, Mark (MFG-M1C)
3536400US02	US	147837085		US-2016-005654-A1	06/27/2014	06/27/2015			Utility	Active	Published	Confiden IP	Confiden IP	Compression Garment Inflation	Patient Monitoring & Recovery - PMR - Mansfield	DeSanto, Perry (MFG-P20); Gaurani, Mark (MFG-M30); Callahan, Mark (MFG-M1C)

Reference #	Country	App #	Patent #	Pub #	Priority Date	App Date	Issue Date	Expiration Date	Attorney Subj.	Stage	Sub Status	Current Owner	Assignee	Title	Business Classification	Inventors
353640N001	MO	PC/US2015/07070		MO 2016/033364	08/27/2014	08/27/2015		03/27/2017	Utility	Active	Published	Confiden LP	Confiden LP	Compression Garment Inflation	Patient Monitoring & Recovery - PNR - Mansfield	Denson, Jesse (denson2); Whithy, Scott (whithkx1)
H-KN-02833-AM1	AU	2015786648			06/10/2014	06/19/2015			National Stage	Active	Filed	Confiden LP	Confiden LP	Compression Garment Inflation	Patient Monitoring & Recovery - PNR - Mansfield	Denson, Jesse (denson2); Whithy, Scott (whithkx1)
H-KN-02833-CA2	CA	2953488			06/10/2014	06/19/2015			National Stage	Active	Filed	Confiden LP	Confiden LP	Compression Garment Inflation	Patient Monitoring & Recovery - PNR - Mansfield	Denson, Jesse (denson2); Whithy, Scott (whithkx1)
H-KN-02833-EPM4	EP	15736339.1			06/10/2014	06/19/2015			National Stage	Active	Filed	Confiden LP	Confiden LP	Compression Garment Inflation	Patient Monitoring & Recovery - PNR - Mansfield	Denson, Jesse (denson2); Whithy, Scott (whithkx1)
H-KN-02833-IPM3	JP	A4441106			06/10/2014	06/19/2015			National Stage	Active	Filed	Confiden LP	Confiden LP	Compression Garment Inflation	Patient Monitoring & Recovery - PNR - Mansfield	Denson, Jesse (denson2); Whithy, Scott (whithkx1)
H-KN-02833-JS	US	14/318734		2015-0874571-A1	06/10/2014	06/10/2014			Utility	Active	Published	Confiden LP	Confiden LP	Compression Garment Inflation	Patient Monitoring & Recovery - PNR - Mansfield	Denson, Jesse (denson2); Whithy, Scott (whithkx1); Denson, Jesse (denson2); Whithy, Scott (whithkx1); Bodner, Paul (bodner3)
353776JUSL3	US	15/729,026			10/09/2015	10/11/2016			Utility	Active	Filed	Confiden LP	Confiden LP	COMPRESSION GARMENT COMPLIANCE	Patient Monitoring & Recovery - PNR - Mansfield	Denson, Jesse (denson2); Whithy, Scott (whithkx1); Bodner, Paul (bodner3)
H-KN-00535JUS	US	11/535324	7618384	20080071202	09/20/2006	09/20/2006	11/17/2009	10/14/2026	Utility	Active	Issued	Confiden LP	Confiden LP	Compression Device, System and Method of Use	Patient Monitoring & Recovery - PNR - Mansfield	Denson, Jesse (denson2); Whithy, Scott (whithkx1); Bodner, Paul (bodner3)
H-KN-014-08-01-NZ	DE	11181119.5	60201103008.2	EP2436349	09/29/2010	09/21/2011	09/07/2016	09/21/2031	National Stage	Active	Issued	Confiden LP	Confiden LP	Compression Garment Apparatus Having Baseline Pressure	Patient Monitoring & Recovery - PNR - Mansfield	Denson, Jesse (denson2); Whithy, Scott (whithkx1)
H-KN-014-08-EPN3	FR	11181119.5	2436349	EP2436349	09/29/2010	09/21/2011	09/07/2016	09/21/2031	National Stage	Active	Issued	Confiden LP	Confiden LP	Compression Garment Apparatus Having Baseline Pressure	Patient Monitoring & Recovery - PNR - Mansfield	Denson, Jesse (denson2); Whithy, Scott (whithkx1)
H-KN-014-08-EPN4	GB	11181119.5	2436349	EP2436349	09/29/2010	09/21/2011	09/07/2016	09/21/2031	National Stage	Active	Issued	Confiden LP	Confiden LP	Compression Garment Apparatus Having Baseline Pressure	Patient Monitoring & Recovery - PNR - Mansfield	Denson, Jesse (denson2); Whithy, Scott (whithkx1)
H-KN-014-08-M1	AU	2013200854	2013202854		09/29/2010	09/13/2011	10/16/2014	09/13/2031	Divisional	Active	Issued	Confiden LP	Confiden LP	Compression Garment Apparatus Having Baseline Pressure	Patient Monitoring & Recovery - PNR - Mansfield	Denson, Jesse (denson2); Whithy, Scott (whithkx1)
H-KN-014-08-CN	CN	201110803700.4	Z120110803700.4	CN10244089A	09/29/2010	09/29/2011	05/06/2015	09/29/2031	Utility	Active	Issued	Confiden LP	Confiden LP	Compression Garment Apparatus Having Baseline Pressure	Patient Monitoring & Recovery - PNR - Mansfield	Denson, Jesse (denson2); Whithy, Scott (whithkx1)
H-KN-014-08-LI	LI	214998			09/29/2010	09/06/2011			Utility	Active	Filed	Confiden LP	Confiden LP	Compression Garment Apparatus Having Baseline Pressure	Patient Monitoring & Recovery - PNR - Mansfield	Denson, Jesse (denson2); Whithy, Scott (whithkx1)
H-KN-014-08-IP	JP	2011.217580	5277404	2012.71156	09/29/2010	09/28/2011	03/31/2013	09/28/2031	Utility	Active	Issued	Confiden LP	Confiden LP	Compression Garment Apparatus Having Baseline Pressure	Patient Monitoring & Recovery - PNR - Mansfield	Denson, Jesse (denson2); Whithy, Scott (whithkx1)
H-KN-014-08-IPV	JP	2013.59676	5497933	2013.138908	09/29/2010	09/28/2011	03/14/2014	09/28/2031	Divisional	Active	Issued	Confiden LP	Confiden LP	Compression Garment Apparatus Having Baseline Pressure	Patient Monitoring & Recovery - PNR - Mansfield	Denson, Jesse (denson2); Whithy, Scott (whithkx1)
H-KN-014-08-R	KR	10.2011.98807	10.13041.79		09/29/2010	09/29/2011	09/29/2013	09/29/2031	Utility	Active	Issued	Confiden LP	Confiden LP	Compression Garment Apparatus Having Baseline Pressure	Patient Monitoring & Recovery - PNR - Mansfield	Denson, Jesse (denson2); Whithy, Scott (whithkx1)
H-KN-014-08-US	US	12/893679	8733300	2012.9078146-A1	09/29/2010	09/29/2010	06/17/2014	09/11/2032	Utility	Active	Issued	Confiden LP	Confiden LP	Compression Garment Apparatus Having Baseline Pressure	Patient Monitoring & Recovery - PNR - Mansfield	Denson, Jesse (denson2); Whithy, Scott (whithkx1)
H-KN-014-08-US1	US	14/765473		2014.023060-A1	09/29/2010	04/30/2014			Continuation	Active	Published	Confiden LP	Confiden LP	Compression Garment Apparatus Having Baseline Pressure	Patient Monitoring & Recovery - PNR - Mansfield	Denson, Jesse (denson2); Whithy, Scott (whithkx1)
H-KN-01862JUS	US	12/893694	8069644		09/29/2010	09/29/2010	01/17/2012	09/29/2030	Utility	Active	Issued	Confiden LP	Confiden LP	Compression Garment Having Grip	Patient Monitoring & Recovery - PNR - Mansfield	Denson, Jesse (denson2); Whithy, Scott (whithkx1)
H-KN-01280-J-PL	DE	13180566.5	602013007833.5	EP2712599	09/28/2012	08/15/2013	03/25/2016	08/15/2033	National Stage	Active	Issued	Confiden LP	Confiden LP	Compression Device Pumping	Patient Monitoring & Recovery - PNR - Mansfield	Denson, Jesse (denson2); Whithy, Scott (whithkx1)
H-KN-01280-FN2	FR	13180566.5	2712599	EP2712599	09/28/2012	08/15/2013	03/25/2016	08/15/2033	National Stage	Active	Issued	Confiden LP	Confiden LP	Compression Device Pumping	Patient Monitoring & Recovery - PNR - Mansfield	Denson, Jesse (denson2); Whithy, Scott (whithkx1)
H-KN-01280-NL-N3	NL	13180566.5	2712599	EP2712599	09/28/2012	08/15/2013	03/25/2016	08/15/2033	National Stage	Active	Issued	Confiden LP	Confiden LP	Compression Device Pumping	Patient Monitoring & Recovery - PNR - Mansfield	Denson, Jesse (denson2); Whithy, Scott (whithkx1)
H-KN-01280-AU	AU	2013216656	2013216656		09/28/2012	08/15/2013	05/05/2015	08/15/2033	Utility	Active	Issued	Confiden LP	Confiden LP	Compression Device Pumping	Patient Monitoring & Recovery - PNR - Mansfield	Denson, Jesse (denson2); Whithy, Scott (whithkx1)
H-KN-01280-CA	CA	2823493			09/28/2012	08/13/2013			Utility	Active	Allowed	Confiden LP	Confiden LP	Compression Device Pumping	Patient Monitoring & Recovery - PNR - Mansfield	Denson, Jesse (denson2); Whithy, Scott (whithkx1)
H-KN-01280-CN	CN	201310447429.0	Z1201310447429.0	CN10370592A	09/28/2012	09/27/2013	09/14/2016	09/27/2033	Utility	Active	Issued	Confiden LP	Confiden LP	Compression Device Pumping	Patient Monitoring & Recovery - PNR - Mansfield	Denson, Jesse (denson2); Whithy, Scott (whithkx1)
H-KN-01280-LI	LI	227903			09/28/2012	08/11/2013			Utility	Active	Filed	Confiden LP	Confiden LP	Compression Device Pumping	Patient Monitoring & Recovery - PNR - Mansfield	Denson, Jesse (denson2); Whithy, Scott (whithkx1)
H-KN-01280-IP	JP	2013.188084	5864494		09/28/2012	01/08/2016			Utility	Active	Issued	Confiden LP	Confiden LP	Compression Device Pumping	Patient Monitoring & Recovery - PNR - Mansfield	Denson, Jesse (denson2); Whithy, Scott (whithkx1)
H-KN-01280-R	KR	10.2013.115156	10.1508434		09/28/2012	03/27/2015			Utility	Active	Issued	Confiden LP	Confiden LP	Compression Device Pumping	Patient Monitoring & Recovery - PNR - Mansfield	Denson, Jesse (denson2); Whithy, Scott (whithkx1)
H-KN-01280-US	US	13/630829		20140094.727	09/28/2012	09/28/2012			Utility	Active	Published	Confiden LP	Confiden LP	Compression Device Pumping	Patient Monitoring & Recovery - PNR - Mansfield	Denson, Jesse (denson2); Whithy, Scott (whithkx1)
H-KN-01465-AU	AU	2011221374	2011221374		09/29/2010	09/29/2011	04/26/2013	09/07/2031	Utility	Active	Issued	Confiden LP	Confiden LP	Compression Garment Apparatus Having Support Bladder	Patient Monitoring & Recovery - PNR - Mansfield	Denson, Jesse (denson2); Whithy, Scott (whithkx1)
H-KN-01465-DE	DE	11182432.2	602011012485-4		09/29/2010	09/23/2011	12/24/2014	09/23/2031	National Stage	Active	Issued	Confiden LP	Confiden LP	Compression Garment Apparatus Having Support Bladder	Patient Monitoring & Recovery - PNR - Mansfield	Denson, Jesse (denson2); Whithy, Scott (whithkx1)
H-KN-01465-EP	EP	11182432.2	2444041		09/29/2010	09/23/2011	12/24/2014	09/23/2031	National Stage	Active	Issued	Confiden LP	Confiden LP	Compression Garment Apparatus Having Support Bladder	Patient Monitoring & Recovery - PNR - Mansfield	Denson, Jesse (denson2); Whithy, Scott (whithkx1)
H-KN-01465-GB	GB	11182432.2	2444041		09/29/2010	09/23/2011	12/24/2014	09/23/2031	National Stage	Active	Issued	Confiden LP	Confiden LP	Compression Garment Apparatus Having Support Bladder	Patient Monitoring & Recovery - PNR - Mansfield	Denson, Jesse (denson2); Whithy, Scott (whithkx1)
H-KN-01465-LI	LI	214954			09/29/2010	09/24/2011			Utility	Active	Filed	Confiden LP	Confiden LP	Compression Garment Apparatus Having Support Bladder	Patient Monitoring & Recovery - PNR - Mansfield	Denson, Jesse (denson2); Whithy, Scott (whithkx1)
H-KN-01465-IP	JP	2011.211028	5727181	2012.71133	09/29/2010	09/27/2011	03/24/2013	09/27/2031	Utility	Active	Issued	Confiden LP	Confiden LP	Compression Garment Apparatus Having Support Bladder	Patient Monitoring & Recovery - PNR - Mansfield	Denson, Jesse (denson2); Whithy, Scott (whithkx1)
H-KN-01465-PL	PL	2013.59885	5497934	2013.128788	09/29/2010	09/27/2011	03/14/2016	09/27/2031	Divisional	Active	Issued	Confiden LP	Confiden LP	Compression Garment Apparatus Having Support Bladder	Patient Monitoring & Recovery - PNR - Mansfield	Denson, Jesse (denson2); Whithy, Scott (whithkx1)

Reference #	Country	App #	Patent #	Pub #	Priority Date	App Date	Issue Date	Expiration Date	Active Sub	Stage	Sub Status	Current Owner	Assignee	Title	Business Classification	Inventors
H-KN-01461501	US	12/896883	8788282	20120078145	09/29/2010	09/29/2010	06/24/2014	02/22/2032	Utility	Active	Issued	Confiden LP	Confiden LP	Compression Garment Apparatus Having Support Bladder	Patient Monitoring & Recovery - PMR - Mansfield	DePaepe, Marsh (COV-PV-MD); Mally, Anna (COV-PV-ASM)
H-KN-01461501	US	16/274906	9,421,142	2014-0249458-A1	09/29/2010	05/12/2014	08/23/2016	01/06/2031	Continuation	Active	Issued	Confiden LP	Confiden LP	Compression Garment Apparatus Having Support Bladder	Patient Monitoring & Recovery - PMR - Mansfield	DePaepe, Marsh (COV-PV-MD); Mally, Anna (COV-PV-ASM)
H-KN-01916A	AU	2013131766	2013131766		09/28/2012	08/12/2013	07/02/2015	08/12/2033	Utility	Active	Issued	Confiden LP	Confiden LP	Residual Pressure Control in a Compression Device	Patient Monitoring & Recovery - PMR - Mansfield	DePaepe, Marsh (COV-PV-MD); Mally, Anna (COV-PV-ASM)
H-KN-01916A	CA	2882445		2882445	09/28/2012	07/12/2013			Utility	Active	Allowed	Confiden LP	Confiden LP	Residual Pressure Control in a Compression Device	Patient Monitoring & Recovery - PMR - Mansfield	DePaepe, Marsh (COV-PV-MD); Mally, Anna (COV-PV-ASM)
H-KN-01916CN	CN	201310023162.1		CN103705372A	09/28/2012	09/17/2013			Utility	Active	Published	Confiden LP	Confiden LP	Residual Pressure Control in a Compression Device	Patient Monitoring & Recovery - PMR - Mansfield	DePaepe, Marsh (COV-PV-MD); Mally, Anna (COV-PV-ASM)
H-KN-01916EP	EP	13178720.1		EPT215647	09/28/2012	07/31/2013			Utility	Active	Published	Confiden LP	Confiden LP	Residual Pressure Control in a Compression Device	Patient Monitoring & Recovery - PMR - Mansfield	DePaepe, Marsh (COV-PV-MD); Mally, Anna (COV-PV-ASM)
H-KN-01916N	N	2608/DE/12013		8/2015	09/28/2012	09/08/2013			Utility	Active	Published	Confiden LP	Confiden LP	Residual Pressure Control in a Compression Device	Patient Monitoring & Recovery - PMR - Mansfield	DePaepe, Marsh (COV-PV-MD); Mally, Anna (COV-PV-ASM)
H-KN-01916P	JP	2013-171384	5745380	2014-69068	09/28/2012	08/21/2013	01/15/2015	08/21/2033	Utility	Active	Issued	Confiden LP	Confiden LP	Residual Pressure Control in a Compression Device	Patient Monitoring & Recovery - PMR - Mansfield	DePaepe, Marsh (COV-PV-MD); Mally, Anna (COV-PV-ASM)
H-KN-01916P01	JP	2015-094045		2015-163228	09/28/2012	08/21/2013			Divisional	Active	Allowed	Confiden LP	Confiden LP	Residual Pressure Control in a Compression Device	Patient Monitoring & Recovery - PMR - Mansfield	DePaepe, Marsh (COV-PV-MD); Mally, Anna (COV-PV-ASM)
H-KN-01916R	KR	10-2013-0115125	10-1532396		09/28/2012	09/27/2013	09/04/2015	09/27/2033	Utility	Active	Issued	Confiden LP	Confiden LP	Residual Pressure Control in a Compression Device	Patient Monitoring & Recovery - PMR - Mansfield	DePaepe, Marsh (COV-PV-MD); Mally, Anna (COV-PV-ASM)
H-KN-01916US	US	13/629925		20140094725	09/28/2012	09/28/2012			Utility	Active	Published	Confiden LP	Confiden LP	Residual Pressure Control in a Compression Device	Patient Monitoring & Recovery - PMR - Mansfield	DePaepe, Marsh (COV-PV-MD); Mally, Anna (COV-PV-ASM)
H-KN-01656US	US	13/680628	9181197	20140094726	09/28/2012	09/28/2012	10/27/2015	05/30/2034	Utility	Active	Issued	Confiden LP	Confiden LP	Vascular Compression System	Patient Monitoring & Recovery - PMR - Mansfield	DePaepe, Marsh (COV-PV-MD); Mally, Anna (COV-PV-ASM); NABO, Steve (MFG-SMN); Mally, Anna (COV-PV-ASM)
H-KN-01879AU	AU	2014200495	2014200495		09/11/2013	01/30/2014	03/12/2015	01/30/2034	Utility	Active	Issued	Confiden LP	Confiden LP	Compression Garment with Respiration Relief	Patient Monitoring & Recovery - PMR - Mansfield	DePaepe, Marsh (COV-PV-MD); Mally, Anna (COV-PV-ASM)
H-KN-01879AU01	AU	2015200014	2015200014		09/11/2013	01/30/2014	09/15/2016	01/30/2034	Divisional	Active	Issued	Confiden LP	Confiden LP	Compression Garment with Respiration Relief	Patient Monitoring & Recovery - PMR - Mansfield	DePaepe, Marsh (COV-PV-MD); Mally, Anna (COV-PV-ASM)
H-KN-01879CN	CN	201410081591.X		CN10404238A	09/11/2013	03/01/2014			Utility	Active	Allowed	Confiden LP	Confiden LP	Compression Garment with Respiration Relief	Patient Monitoring & Recovery - PMR - Mansfield	DePaepe, Marsh (COV-PV-MD); Mally, Anna (COV-PV-ASM)
H-KN-01879EP	EP	14151774.8	2777663		09/11/2013	01/20/2014	09/13/2015	03/06/2034	Utility	Active	Published	Confiden LP	Confiden LP	Compression Garment with Respiration Relief	Patient Monitoring & Recovery - PMR - Mansfield	DePaepe, Marsh (COV-PV-MD); Mally, Anna (COV-PV-ASM)
H-KN-01879KR	KR	10-2014-0026557	10-1546182		09/11/2013	03/06/2014	09/13/2015	03/06/2034	Utility	Active	Issued	Confiden LP	Confiden LP	Compression Garment with Respiration Relief	Patient Monitoring & Recovery - PMR - Mansfield	DePaepe, Marsh (COV-PV-MD); Mally, Anna (COV-PV-ASM)
H-KN-01879RU01	RU	10-2015-0039300	10-1594727		09/11/2013	03/06/2014	02/05/2016	03/06/2034	Divisional	Active	Issued	Confiden LP	Confiden LP	Compression Garment with Respiration Relief	Patient Monitoring & Recovery - PMR - Mansfield	DePaepe, Marsh (COV-PV-MD); Mally, Anna (COV-PV-ASM)
H-KN-01879RU02	KR	10-2016-0008537			09/11/2013	03/06/2014			Divisional	Active	Filed	Confiden LP	Confiden LP	Compression Garment with Respiration Relief	Patient Monitoring & Recovery - PMR - Mansfield	DePaepe, Marsh (COV-PV-MD); Mally, Anna (COV-PV-ASM)
H-KN-01879US	US	13/792363	9,402,779	2014-0257154-A1	09/11/2013	09/12/2013	08/02/2016	09/21/2034	Utility	Active	Issued	Confiden LP	Confiden LP	Compression Garment with Respiration Relief	Patient Monitoring & Recovery - PMR - Mansfield	DePaepe, Marsh (COV-PV-MD); Mally, Anna (COV-PV-ASM)
H-KN-00512AU	AU	2010200457	2010200457		02/10/2009	02/09/2010	11/27/2014	02/09/2030	Utility	Active	Issued	Confiden LP	Confiden LP	EXTERNAL FEEDING SYSTEM	Patient Monitoring & Recovery - PMR - Mansfield	Dorsey, Michael (dorsem1)
H-KN-00512CA	CA	2692057	2692057		02/10/2009	02/09/2010	01/28/2014	02/09/2030	Utility	Active	Issued	Confiden LP	Confiden LP	EXTERNAL FEEDING SYSTEM	Patient Monitoring & Recovery - PMR - Mansfield	Dorsey, Michael (dorsem1)
H-KN-00512CN	CN	212010116515.X	212010116515.X	CN10797419A	02/10/2009	02/10/2010	10/23/2013	02/10/2030	Utility	Active	Issued	Confiden LP	Confiden LP	EXTERNAL FEEDING SYSTEM	Patient Monitoring & Recovery - PMR - Mansfield	Dorsey, Michael (dorsem1)
H-KN-00512EP	EP	10153074.9		2216070	02/10/2009	02/09/2010			Utility	Active	Published	Confiden LP	Confiden LP	External Feeding System	Patient Monitoring & Recovery - PMR - Mansfield	Dorsey, Michael (dorsem1)
H-KN-00512US	US	12/968526	8052656	2010004645	02/10/2009	02/10/2009	11/08/2011	05/11/2029	Utility	Active	Issued	Confiden LP	Confiden LP	External Feeding System	Patient Monitoring & Recovery - PMR - Mansfield	Dorsey, Michael (dorsem1)
H-KN-00840CA	CA	2728538		2728538	11/21/2008	11/21/2008			Revised Stage	Revised Stage	Revised Stage	Confiden LP	Confiden LP	EXTERNAL FEEDING SYSTEM	Patient Monitoring & Recovery - PMR - Mansfield	Dorsey, Michael (dorsem1)
H-KN-00840EP	EP	2011-537532	5809060	2013-509147	11/21/2008	11/16/2009	09/18/2015	11/16/2029	National Stage	Active	Issued	Confiden LP	Confiden AG	Electrode Garment	Patient Monitoring & Recovery - PMR - Mansfield	Dunagan, Jay (dunagj1)
H-KN-00840US1	US	12/432142	8868216	201100130847	11/21/2008	04/29/2009	10/21/2014	11/29/2029	Utility	Active	Issued	Confiden LP	Confiden AG	Electrode Garment	Patient Monitoring & Recovery - PMR - Mansfield	Dunagan, Jay (dunagj1)
H-KN-00841US1	US	12/040420	7704426	20080167625	12/29/2006	12/20/2007	04/27/2010	01/09/2028	Utility	Active	Issued	Confiden LP	Confiden LP	Process For Creating a Stop Surface on a Syringe Plunger Rod	Patient Monitoring & Recovery - PMR - Mansfield	Earhart, Stephen (earhart1); Harg, Richard (MFG-RLE)
H-KN-02723US42	DE	13748172.7	2879629	EPT879629	07/31/2012	07/29/2013	09/07/2016	07/29/2033	National Stage	Active	Issued	Confiden LP	Confiden LP	Urine Collection System, Apparatus and Method	Patient Monitoring & Recovery - PMR - Mansfield	Eljot, Chelsy (ellicoc); Patel, Harsh (patsh15); Moghe, Aje (MFG-AAM)
H-KN-02723US43	FR	13748172.7	2879629	EPT879629	07/31/2012	07/29/2013	09/07/2016	07/29/2033	National Stage	Active	Issued	Confiden LP	Confiden LP	Urine Collection System, Apparatus and Method	Patient Monitoring & Recovery - PMR - Mansfield	Eljot, Chelsy (ellicoc); Patel, Harsh (patsh15); Moghe, Aje (MFG-AAM)
H-KN-02723US44	GB	13748172.7	2879629	EPT879629	07/31/2012	07/29/2013	09/07/2016	07/29/2033	National Stage	Active	Issued	Confiden LP	Confiden LP	Urine Collection System, Apparatus and Method	Patient Monitoring & Recovery - PMR - Mansfield	Eljot, Chelsy (ellicoc); Patel, Harsh (patsh15); Moghe, Aje (MFG-AAM)

Reference #	Country	App #	Parent #	Pub #	Priority Date	App Date	Issue Date	Expiration Date	Active Sub- Type	Status	Sub Status	Current Owner	Assignee	Title	Business Classification	Inventors
S-8481P	JP	2001-53444	6796756	2003-514596	11/04/1999	10/17/2000	08/07/2011	10/31/2020	National Stage	Active	Issued	Coriden LP	Coriden LP	REACCESSIBLE MEDICAL NEEDLE SAFETY DEVICES AND METHODS	Patient Monitoring & Recovery - PMR - Mansfield) Needles & Syringes (Other Needles & Syringes	Ferguson, Mark (Ferguson); Thorne, David (MFG-DLT); Thorne, Jr., Gale (MFG-GH13); Nelson, Mark (MFG-MN)
S-8480MX	MX	2002/004453	23517		11/04/1999	10/17/2000	03/27/2006	10/31/2020	National Stage	Active	Issued	Coriden LP	Coriden LP	REACCESSIBLE MEDICAL NEEDLE SAFETY DEVICES AND METHODS	Patient Monitoring & Recovery - PMR - Mansfield) Needles & Syringes (Other Needles & Syringes	Ferguson, Mark (Ferguson); Thorne, David (MFG-DLT); Thorne, Jr., Gale (MFG-GH13); Nelson, Mark (MFG-MN)
S-8480NZ	NZ	518445	518445	1508	11/04/1999	10/17/2000	06/09/2005	10/31/2020	National Stage	Active	Issued	Coriden LP	Coriden LP	REACCESSIBLE MEDICAL NEEDLE SAFETY DEVICES AND METHODS	Patient Monitoring & Recovery - PMR - Mansfield) Needles & Syringes (Other Needles & Syringes	Ferguson, Mark (Ferguson); Thorne, David (MFG-DLT); Thorne, Jr., Gale (MFG-GH13); Nelson, Mark (MFG-MN)
S-8480US	US	09/432449	6280220		11/04/1999	11/04/1999	08/28/2001	11/04/2019	Utility	Active	Issued	Coriden LP	Coriden LP	REACCESSIBLE MEDICAL NEEDLE SAFETY DEVICES AND METHODS	Patient Monitoring & Recovery - PMR - Mansfield) Needles & Syringes (Other Needles & Syringes	Ferguson, Mark (Ferguson); Thorne, David (MFG-DLT); Thorne, Jr., Gale (MFG-GH13); Nelson, Mark (MFG-MN)
S-8480US1	US	09/804960	6796488	20010021827A1	11/04/1999	09/13/2001	09/28/2004	11/02/2020	Continuation	Active	Issued	Coriden LP	Coriden LP	REACCESSIBLE MEDICAL NEEDLE SAFETY DEVICES AND METHODS	Patient Monitoring & Recovery - PMR - Mansfield) Needles & Syringes (Other Needles & Syringes	Ferguson, Mark (Ferguson); Thorne, David (MFG-DLT); Thorne, Jr., Gale (MFG-GH13); Nelson, Mark (MFG-MN)
S-84807AU	AU	780915	780915		11/04/1999	10/31/2000	08/11/2005	10/31/2020	Utility	Active	Issued	Coriden LP	Coriden LP	REACCESSIBLE MEDICAL NEEDLE SAFETY DEVICES AND METHODS	Patient Monitoring & Recovery - PMR - Mansfield) Needles & Syringes (Other Needles & Syringes	Ferguson, Mark (Ferguson); Thorne, David (MFG-DLT); Thorne, Jr., Gale (MFG-GH13); Nelson, Mark (MFG-MN)
S-84807CA	CA	2389299	2389299	2389299	11/04/1999	10/31/2000	05/09/2006	10/31/2020	National Stage	Active	Issued	Coriden LP	Coriden LP	REACCESSIBLE MEDICAL NEEDLE SAFETY DEVICES AND METHODS	Patient Monitoring & Recovery - PMR - Mansfield) Needles & Syringes (Other Needles & Syringes	Ferguson, Mark (Ferguson); Thorne, David (MFG-DLT); Thorne, Jr., Gale (MFG-GH13); Nelson, Mark (MFG-MN)
S-84807P	JP	2001-53447	4809560	516777	11/04/1999	10/31/2000	08/26/2011	10/31/2020	National Stage	Active	Issued	Coriden LP	Coriden LP	REACCESSIBLE MEDICAL NEEDLE SAFETY DEVICES AND METHODS	Patient Monitoring & Recovery - PMR - Mansfield) Needles & Syringes (Other Needles & Syringes	Ferguson, Mark (Ferguson); Thorne, David (MFG-DLT); Thorne, Jr., Gale (MFG-GH13); Nelson, Mark (MFG-MN)
S-84807MX	MX	PA/4/2002/004472	232374		11/04/1999	05/08/2002	11/25/2005	05/08/2022	National Stage	Active	Issued	Coriden LP	Coriden LP	REACCESSIBLE MEDICAL NEEDLE SAFETY DEVICES AND METHODS	Patient Monitoring & Recovery - PMR - Mansfield) Needles & Syringes (Other Needles & Syringes	Ferguson, Mark (Ferguson); Thorne, David (MFG-DLT); Thorne, Jr., Gale (MFG-GH13); Nelson, Mark (MFG-MN)
S-84807NZ	NZ	518446	518446	1507	11/04/1999	10/31/2000	05/12/2005	10/31/2020	National Stage	Active	Issued	Coriden LP	Coriden LP	REACCESSIBLE MEDICAL NEEDLE SAFETY DEVICES AND METHODS	Patient Monitoring & Recovery - PMR - Mansfield) Needles & Syringes (Other Needles & Syringes	Ferguson, Mark (Ferguson); Thorne, David (MFG-DLT); Thorne, Jr., Gale (MFG-GH13); Nelson, Mark (MFG-MN)
S-84807US	US	09/494036	6254575		11/04/1999	11/04/1999	07/09/2001	11/04/2019	Utility	Active	Issued	Coriden LP	Coriden LP	REACCESSIBLE MEDICAL NEEDLE SAFETY DEVICES AND METHODS	Patient Monitoring & Recovery - PMR - Mansfield) Needles & Syringes (Other Needles & Syringes	Ferguson, Mark (Ferguson); Thorne, David (MFG-DLT); Thorne, Jr., Gale (MFG-GH13); Nelson, Mark (MFG-MN)
S-8500US1	US	10/164944	7029461	20060015073A9	11/04/1999	06/06/2002	04/18/2006	03/27/2020	Continuation-in-Part	Active	Issued	Coriden LP	Coriden LP	SAFETY SHIELD FOR MEDICAL NEEDLES	Patient Monitoring & Recovery - PMR - Mansfield) Needles & Syringes (Other Needles & Syringes	Ferguson, Mark (Ferguson); Thorne, Kendall (MFG-KP7)
S-8500US1CON	US	11/256175	7862547	2006-0129106A1	11/04/1999	10/21/2005	01/04/2011	11/04/2019	Continuation	Active	Issued	Coriden LP	Coriden LP	SAFETY SHIELD FOR MEDICAL NEEDLES	Patient Monitoring & Recovery - PMR - Mansfield) Needles & Syringes (Other Needles & Syringes	Ferguson, Mark (Ferguson); Thorne, Kendall (MFG-KP7)
H-KN-00516AU	AU	2007/243250	2007243250		04/26/2006	12/29/2012	04/28/2027		National Stage	Active	Issued	Coriden LP	Coriden LP	Safety Shield Apparatus and Mounting Structure for Use with Medical Needle Devices	Patient Monitoring & Recovery - PMR - Mansfield) Blood Collection (Other Blood Collection	Ferguson, Mark (Ferguson); Wallbacher, Eugene (MFG-EV)
H-KN-00516CA	CA	2647172		2647172	04/26/2006	04/26/2007		04/28/2027	National Stage	Active	Allowed	Coriden LP	Coriden LP	Safety Shield Apparatus and Mounting Structure for Use with Medical Needle Devices	Patient Monitoring & Recovery - PMR - Mansfield) Blood Collection (Other Blood Collection	Ferguson, Mark (Ferguson); Wallbacher, Eugene (MFG-EV)
H-KN-00516EP	EP	0776389.2		EP2010257	04/26/2006	04/26/2007			National Stage	Active	Published	Coriden LP	Coriden LP	Safety Shield Apparatus and Mounting Structure for Use with Medical Needle Devices	Patient Monitoring & Recovery - PMR - Mansfield) Blood Collection (Other Blood Collection	Ferguson, Mark (Ferguson); Wallbacher, Eugene (MFG-EV)
H-KN-00516JP	JP	2009-507815	5272178	2009-535105	04/26/2006	04/26/2007	05/24/2013	04/28/2027	National Stage	Active	Issued	Coriden LP	Coriden LP	Safety Shield Apparatus and Mounting Structure for Use with Medical Needle Devices	Patient Monitoring & Recovery - PMR - Mansfield) Blood Collection (Other Blood Collection	Ferguson, Mark (Ferguson); Wallbacher, Eugene (MFG-EV)
H-KN-00516MX	MX	MX/A/2008/013003	307482		04/26/2006	04/26/2007	02/20/2013	04/28/2027	National Stage	Active	Issued	Coriden LP	Coriden LP	Safety Shield Apparatus and Mounting Structure for Use with Medical Needle Devices	Patient Monitoring & Recovery - PMR - Mansfield) Blood Collection (Other Blood Collection	Ferguson, Mark (Ferguson); Wallbacher, Eugene (MFG-EV)
H-KN-00516US1	US	11/716502	8226617	20070282775	07/19/2000	09/08/2007	07/24/2012	10/10/2020	Continuation-in-Part	Active	Issued	Coriden LP	Coriden LP	Safety Shield Apparatus and Mounting Structure for Use with Medical Needle Devices	Patient Monitoring & Recovery - PMR - Mansfield) Blood Collection (Other Blood Collection	Ferguson, Mark (Ferguson); Wallbacher, Eugene (MFG-EV)
H-KN-00516US2	US	12/816622	8172809	20100280413	11/04/1999	07/15/2010	05/08/2012	11/04/2019	Divisional	Active	Issued	Coriden LP	Coriden LP	SAFETY SHIELD APPARATUS AND MOUNTING STRUCTURE FOR USE WITH MEDICAL NEEDLE DEVICES	Patient Monitoring & Recovery - PMR - Mansfield) Blood Collection (Other Blood Collection	Ferguson, Mark (Ferguson); Wallbacher, Eugene (MFG-EV)
S-8450AU	AU	2002306651	2002306651		06/27/2001	09/06/2002	09/26/2007	07/06/2022	National Stage	Active	Issued	Coriden LP	Coriden LP	SAFETY SHIELD FOR MEDICAL NEEDLES	Patient Monitoring & Recovery - PMR - Mansfield) Needles & Syringes (Other Needles & Syringes	Ferguson, Mark (Ferguson); Wallbacher, Eugene (MFG-EV)
S-8450882	BR	PI0316938.8	PI0316938.8	1816	06/27/2001	12/01/2003	03/08/2016	12/01/2023	National Stage	Active	Issued	Coriden LP	Coriden LP	SAFETY SHIELD FOR MEDICAL NEEDLES	Patient Monitoring & Recovery - PMR - Mansfield) Needles & Syringes (Other Needles & Syringes	Ferguson, Mark (Ferguson); Wallbacher, Eugene (MFG-EV)
S-8450CA	CA	2441479	2441479	2441479	06/27/2001	09/06/2002	03/03/2011	07/06/2022	National Stage	Active	Issued	Coriden LP	Coriden LP	SAFETY SHIELD FOR MEDICAL NEEDLES	Patient Monitoring & Recovery - PMR - Mansfield) Needles & Syringes (Other Needles & Syringes	Ferguson, Mark (Ferguson); Wallbacher, Eugene (MFG-EV)
S-8450CA2	CA	2508560	2508560	2508560	06/27/2001	12/01/2003	09/27/2011	12/01/2023	National Stage	Active	Issued	Coriden LP	Coriden LP	SAFETY SHIELD FOR MEDICAL NEEDLES	Patient Monitoring & Recovery - PMR - Mansfield) Needles & Syringes (Other Needles & Syringes	Ferguson, Mark (Ferguson); Wallbacher, Eugene (MFG-EV)

Reference #	Country	App #	Patent #	Pub #	Priority Date	App Date	Issue Date	Expiration Date	Active Sub- Type	Status	Sub Status	Current Owner	Assignee	Title	Business Classification	Inventors
S-8450J53	US	10/659164	6949986	0223917	11/04/1999	06/11/2003	09/27/2005	11/09/2019		Active	Issued	Confiden LP	Confiden LP	SELF-DIGGING SAFETY SHIELD FOR MEDICAL NEEDLES	Patient Monitoring & Recovery - PMR - Mansfield Needles & Syringes - Other Needles & Syringes	Freeman, Mark (Inventor); Wadhvani, Eshwar (MFG PM); Salomon, David (MFG D252); Curtis, James (MFG C16); Burns, Roy (MFG RB13); Thorne, David
2027322	US	10/993335.2	6324033	6326268	12/28/1995	06/27/2004	03/16/2008	03/16/2032		Active	Issued	Confiden LP	Confiden LP	NON-TRANSMISSIVE TRANSDUCERIOUS STIMULATING ELECTRODE	Patient Monitoring & Recovery - PMR - Mansfield Needles & Syringes - Other Needles & Syringes	Schmitt, E. Scott (Inventor); Foster, John (MFG-K5)
2027172	IT	04004135.2	1624094	1424094	12/08/1995	02/24/2004	02/18/2009	03/18/2018		Active	Issued	Confiden LP	Confiden LP	X-RAY TRANSMISSIVE TRANSDUCERIOUS STIMULATING ELECTRODE	Patient Monitoring & Recovery - PMR - Mansfield Monitoring & Operating Room - Other MOP	Ferrari, R. Keith (MFG RB6)
H-KN-01303R	BR	112013007233.7		2375	09/28/2010	09/26/2011			National Stage	Active	Published	Confiden LP	Confiden LP	Self-Venting Cannula Assembly	Patient Monitoring & Recovery - PMR - Mansfield Custom Product Solutions - Other CTS	Filipe, Melvin (Inkern2)
H-KN-01303F01	DE	11768225.2	2621451		09/28/2010	09/26/2011	09/23/2015	09/26/2031	National Stage	Active	Issued	Confiden LP	Confiden LP	Self-Venting Cannula Assembly	Patient Monitoring & Recovery - PMR - Mansfield Custom Product Solutions - Other CTS	Filipe, Melvin (Inkern2)
H-KN-01303P	EP	11768225.2	2621451	EP2621451	09/28/2010	09/26/2011	09/23/2015	09/26/2031	National Stage	Active	Issued	Confiden LP	Confiden LP	Self-Venting Cannula Assembly	Patient Monitoring & Recovery - PMR - Mansfield Custom Product Solutions - Other CTS	Filipe, Melvin (Inkern2)
H-KN-01303F+01	FR	11768225.2	2621451		09/28/2010	09/26/2011	09/23/2015	09/26/2031	National Stage	Active	Issued	Confiden LP	Confiden LP	Self-Venting Cannula Assembly	Patient Monitoring & Recovery - PMR - Mansfield Custom Product Solutions - Other CTS	Filipe, Melvin (Inkern2)
H-KN-01303R01	GB	11768225.2	2621451		09/28/2010	09/26/2011	09/23/2015	09/26/2031	National Stage	Active	Issued	Confiden LP	Confiden LP	Self-Venting Cannula Assembly	Patient Monitoring & Recovery - PMR - Mansfield Custom Product Solutions - Other CTS	Filipe, Melvin (Inkern2)
H-KN-01303J5	US	12/891885	8523814	20120078179	09/28/2010	09/28/2010	09/03/2013	03/11/2031		Active	Issued	Confiden LP	Confiden LP	Self-Venting Cannula Assembly	Patient Monitoring & Recovery - PMR - Mansfield Custom Product Solutions - Other CTS	Filipe, Melvin (Inkern2)
H-KN-01303J51	US	13/956789	9216138	20130317472	09/28/2010	08/01/2013	12/27/2015	09/28/2030	Continuation	Active	Issued	Confiden LP	Confiden LP	Self-Venting Cannula Assembly	Patient Monitoring & Recovery - PMR - Mansfield Custom Product Solutions - Other CTS	Filipe, Melvin (Inkern2)
H-KN-01683F01	DE	11007638.7	6020101686.9		09/30/2010	09/30/2011	08/03/2015	09/20/2031	National Stage	Active	Issued	Confiden LP	Confiden LP	Syringe Assembly/Carrier	Patient Monitoring & Recovery - PMR - Mansfield Custom Product Solutions - Other CTS	Filipe, Melvin (Inkern2)
H-KN-01683P	EP	11007638.7	2436407	2436407	09/30/2010	09/20/2011	08/03/2015	09/20/2031		Active	Issued	Confiden LP	Confiden LP	Syringe Assembly/Carrier	Patient Monitoring & Recovery - PMR - Mansfield Custom Product Solutions - Other CTS	Filipe, Melvin (Inkern2)
H-KN-01683F+01	FR	11007638.7	2436407		09/30/2010	09/20/2011	08/03/2015	09/20/2031	National Stage	Active	Issued	Confiden LP	Confiden LP	Syringe Assembly/Carrier	Patient Monitoring & Recovery - PMR - Mansfield Custom Product Solutions - Other CTS	Filipe, Melvin (Inkern2)
H-KN-01683R01	GB	11007638.7	2436407		09/30/2010	09/20/2011	08/03/2015	09/20/2031	National Stage	Active	Issued	Confiden LP	Confiden LP	Syringe Assembly/Carrier	Patient Monitoring & Recovery - PMR - Mansfield Custom Product Solutions - Other CTS	Filipe, Melvin (Inkern2)
H-KN-01683J5	US	12/894487	8236791	2012.0089342.A1	08/30/2010	09/30/2010	10/16/2012	09/30/2030		Active	Issued	Confiden LP	Confiden LP	Syringe Assembly/Carrier	Patient Monitoring & Recovery - PMR - Mansfield Custom Product Solutions - Other CTS	Filipe, Melvin (Inkern2)
H-KN-0188J5	US	13/234225	9125992	20130072880	09/16/2011	09/16/2011	09/08/2015	12/28/2033		Active	Issued	Confiden LP	Confiden LP	Method for modifying connector to provide filtration	Patient Monitoring & Recovery - PMR - Mansfield Custom Product Solutions - Other CTS	Filipe, Melvin (Inkern2)
H-KN-02273AU	AU	2012201965	2012201965		04/05/2011	04/04/2012	05/30/2013	04/04/2032		Active	Issued	Confiden LP	Confiden LP	Buffering Agent Delivery System for Anesthetic Syringe	Patient Monitoring & Recovery - PMR - Mansfield Denial	Filipe, Melvin (Inkern2)
H-KN-02273AUDV	AU	2013205363	2013205363		04/05/2011	04/04/2012	03/05/2015	04/04/2032		Active	Issued	Confiden LP	Confiden LP	Buffering Agent Delivery System for Anesthetic Syringe	Patient Monitoring & Recovery - PMR - Mansfield Denial	Filipe, Melvin (Inkern2)
H-KN-02273CA	CA	2773480	2773480	2773480	04/05/2011	04/03/2012	12/30/2014	04/03/2032		Active	Issued	Confiden LP	Confiden LP	Buffering Agent Delivery System for Anesthetic Syringe	Patient Monitoring & Recovery - PMR - Mansfield Denial	Filipe, Melvin (Inkern2)
H-KN-02273EP	EP	121619069.5		2508219	04/05/2011	04/03/2012				Active	Published	Confiden LP	Confiden LP	Buffering Agent Delivery System for Anesthetic Syringe	Patient Monitoring & Recovery - PMR - Mansfield Denial	Filipe, Melvin (Inkern2)
H-KN-02273JP	JP	2012.085534	5367864	2012.217848	04/05/2011	09/20/2013	04/04/2032			Active	Issued	Confiden LP	Confiden LP	Buffering Agent Delivery System for Anesthetic Syringe	Patient Monitoring & Recovery - PMR - Mansfield Denial	Filipe, Melvin (Inkern2)
H-KN-02273JPDV	JP	2013.153370	5619231	2013.236938	04/05/2011	09/24/2014	04/04/2032			Active	Issued	Confiden LP	Confiden LP	Buffering Agent Delivery System for Anesthetic Syringe	Patient Monitoring & Recovery - PMR - Mansfield Denial	Filipe, Melvin (Inkern2)
H-KN-02273J503	US	14/652463	92565894	2015028702	04/05/2011	09/02/2015	07/23/2016	04/05/2031	Continuation	Active	Issued	Confiden LP	Confiden LP	Buffering Agent Delivery System for Anesthetic Syringe	Patient Monitoring & Recovery - PMR - Mansfield Denial	Filipe, Melvin (Inkern2)
H-KN-02273J51	US	13/438856	8672878	2020239279	04/05/2011	04/04/2012	03/18/2014	04/04/2032		Active	Issued	Confiden LP	Confiden LP	Buffering Agent Delivery System for Anesthetic Syringe	Patient Monitoring & Recovery - PMR - Mansfield Denial	Filipe, Melvin (Inkern2)
H-KN-02273J52	US	14/195148	8974407	20140221918	04/05/2011	03/03/2014	03/10/2015	04/04/2032	Continuation	Active	Issued	Confiden LP	Confiden LP	Buffering Agent Delivery System for Anesthetic Syringe	Patient Monitoring & Recovery - PMR - Mansfield Denial	Filipe, Melvin (Inkern2)
H-KN-01715-D592	DE	11768223.7	2621450	EP2621450	09/28/2010	09/26/2011	07/27/2016	09/26/2031	National Stage	Active	Issued	Confiden LP	Confiden LP	Two-Place Vial Transfer Needle Assembly	Patient Monitoring & Recovery - PMR - Mansfield Custom Product Solutions - Other CTS	Filipe, Melvin (Inkern2); Foster, John (MFG-K5)
H-KN-01715-RM3	FR	11768223.7	2621450	EP2621450	09/28/2010	09/26/2011	07/27/2016	09/26/2031	National Stage	Active	Issued	Confiden LP	Confiden LP	Two-Place Vial Transfer Needle Assembly	Patient Monitoring & Recovery - PMR - Mansfield Custom Product Solutions - Other CTS	Filipe, Melvin (Inkern2); Foster, John (MFG-K5)

Reference #	Country	App #	Patent #	Pub #	Priority Date	App Date	Issue Date	Expiration Date	Attorney Subj.	Stage	Sub Status	Current Owner	Assignee	Title	Business Classification	Inventors
H-KN-01715-GRM4	GB	11/768223.2	7621410	EP2624630	09/28/2010	09/26/2011	03/23/2016	09/26/2031	National Stage	Active	Issued	Corviden LP	Corviden LP	Two Piece Vial Transfer or Needle Assembly	Patent Monitoring & Recovery - PMR - Mansfield	Fiske, Melan (linken2); Foster, John (MTIG-45)
H-KN-017159R	RR	112013007094.3		112013007094.3	09/28/2010	09/26/2011			National Stage	Active	Published	Corviden LP	Corviden LP	Two Piece Vial Transfer or Needle Assembly	Patent Monitoring & Recovery - PMR - Mansfield	Fiske, Melan (linken2); Foster, John (MTIG-45)
H-KN-016800E	DE	1100765.2	602011017066.6		09/30/2010	09/20/2011	06/10/2015	09/20/2031	National Stage	Active	Issued	Corviden LP	Corviden LP	Syringe Assembly and Package for Distribution of Same	Patent Monitoring & Recovery - PMR - Mansfield	Fiske, Melan (linken2); Parker, Jonathan (MTIG-46); Morefield, Ellen (MTIG-E-M5); Foster, John (MTIG-46)
H-KN-016800P	EP	1100765.2	2436408	2436408	09/30/2010	09/20/2011	06/10/2015	09/20/2031	Utility	Active	Issued	Corviden LP	Corviden LP	Syringe Assembly and Package for Distribution of Same	Patent Monitoring & Recovery - PMR - Mansfield	Fiske, Melan (linken2); Parker, Jonathan (MTIG-46); Morefield, Ellen (MTIG-E-M5); Foster, John (MTIG-46)
H-KN-016800R	FR	1100765.2	2436408		09/30/2010	09/20/2011	06/10/2015	09/20/2031	National Stage	Active	Issued	Corviden LP	Corviden LP	Syringe Assembly and Package for Distribution of Same	Patent Monitoring & Recovery - PMR - Mansfield	Fiske, Melan (linken2); Parker, Jonathan (MTIG-46); Morefield, Ellen (MTIG-E-M5); Foster, John (MTIG-46)
H-KN-016800S	GB	1100765.2	2436408		09/30/2010	09/20/2011	06/10/2015	09/20/2031	National Stage	Active	Issued	Corviden LP	Corviden LP	Syringe Assembly and Package for Distribution of Same	Patent Monitoring & Recovery - PMR - Mansfield	Fiske, Melan (linken2); Parker, Jonathan (MTIG-46); Morefield, Ellen (MTIG-E-M5); Foster, John (MTIG-46)
H-KN-016800S1	US	12/789467	8196741	2012.008894.A1	09/30/2010	09/30/2010	06/12/2012	09/30/2030	Utility	Active	Issued	Corviden LP	Corviden LP	Syringe Assembly and Package for Distribution of Same	Patent Monitoring & Recovery - PMR - Mansfield	Fiske, Melan (linken2); Parker, Jonathan (MTIG-46); Morefield, Ellen (MTIG-E-M5); Foster, John (MTIG-46)
H-KN-016800S2	US	13/486646	8522975	20120234.710	09/30/2010	06/05/2012	09/09/2013	09/30/2030	Divisional	Active	Issued	Corviden LP	Corviden LP	Syringe Assembly and Package for Distribution of Same	Patent Monitoring & Recovery - PMR - Mansfield	Fiske, Melan (linken2); Parker, Jonathan (MTIG-46); Morefield, Ellen (MTIG-E-M5); Foster, John (MTIG-46)
H-KN-016800S2	US	13/956804	9211375	20130313143	09/30/2010	08/01/2013	12/15/2015	11/16/2030	Divisional	Active	Issued	Corviden LP	Corviden LP	Syringe Assembly and Package for Distribution of Same	Patent Monitoring & Recovery - PMR - Mansfield	Fiske, Melan (linken2); Parker, Jonathan (MTIG-46); Morefield, Ellen (MTIG-E-M5); Foster, John (MTIG-46)
H-KN-016720S	US	12/7853852	8333292	2012003762.7A1	08/10/2010	08/10/2010	12/18/2012	02/04/2031	Utility	Active	Issued	Corviden LP	Corviden LP	DISPOSAL CONTAINERS WITH LOCKING CLOSURE	Patent Monitoring & Recovery - PMR - Mansfield	Finnerstad, Mark (MTIG-MB2)
H-KN-016720S1	US	13/716383	8727166	20140008364	08/10/2010	12/17/2012	03/20/2014	08/10/2030	Continuation	Active	Issued	Corviden LP	Corviden LP	Disposal Container with Locking Closure	Patent Monitoring & Recovery - PMR - Mansfield	Finnerstad, Mark (MTIG-MB2)
H-KN-016720S	US	12/7853372	83397933	2012.0037628.A1	08/10/2010	08/10/2010	03/19/2013	03/31/2031	Utility	Active	Issued	Corviden LP	Corviden LP	Medical Waste Receptacle	Patent Monitoring & Recovery - PMR - Mansfield	Finnerstad, Mark (MTIG-MB2)
H-KN-016720S	US	12/7853391	8505760	2012003762.6A1	08/10/2010	08/10/2010	08/13/2013	07/31/2031	Utility	Active	Issued	Corviden LP	Corviden LP	Medical Waste Receptacle	Patent Monitoring & Recovery - PMR - Mansfield	Finnerstad, Mark (MTIG-MB2)
H-KN-006540S1	US	12/7304352	8534485	20100155400	07/07/2006	07/05/2007	11/19/2013	07/31/2030	National Stage	Active	Issued	Corviden LP	Corviden LP	Mailbox Style Sharps Container	Patent Monitoring & Recovery - PMR - Mansfield	Finnerstad, Mark (MTIG-MB2); Reikawala, Piyush (MTIG-PJR); Brown, Robert (MTIG-RAB)
H-KN-009210S1	US	12/7347164	7963943	20090131870	09/27/2007	12/31/2008	06/21/2011	05/24/2029	Continuation in	Active	Issued	Corviden LP	Corviden LP	V. Catheter Assembly and Needle Safety Device	Patent Monitoring & Recovery - PMR - Mansfield	Fier, Richard (MTIG-R47)
H-KN-009210S2	US	13/112140	8313469	2011022462.7A1	09/27/2007	05/20/2011	11/20/2012	09/26/2028	Divisional	Active	Issued	Corviden LP	Corviden LP	V. Catheter Assembly and Needle Safety Device	Patent Monitoring & Recovery - PMR - Mansfield	Fier, Richard (MTIG-R47)
S-8303US2	US	11/895597	7988664	20080065015	11/01/2004	08/24/2007	08/02/2011	02/12/2026	Continuation in	Active	Issued	Corviden LP	Corviden LP	Locking Clip with Trigger Sliding	Patent Monitoring & Recovery - PMR - Mansfield	Fier, Richard (MTIG-R47); Carlyon, James L. (MTIG-423)
S-8303US4	US	13/105342	8506528	2011.0082280.A1	10/21/2003	08/01/2011	08/13/2013	10/31/2023	Continuation	Active	Issued	Corviden LP	Corviden LP	Locking Clip with Trigger Sliding	Patent Monitoring & Recovery - PMR - Mansfield	Fier, Richard (MTIG-R47); Carlyon, James L. (MTIG-423)
S-8303US5	US	13/956686	9089073	20130317426	10/21/2003	08/01/2013	07/28/2015	10/31/2023	Divisional	Active	Issued	Corviden LP	Corviden LP	Locking Clip with Trigger Sliding	Patent Monitoring & Recovery - PMR - Mansfield	Fier, Richard (MTIG-R47); Carlyon, James L. (MTIG-423)
S-8303US3	DE	07839043.2	602007044.713.5	EP2068977	09/29/2006	09/28/2007	01/27/2016	09/28/2027	National Stage	Active	Issued	Corviden LP	Corviden LP	FLASBACK CHAMBER VISUAL ENHANCEMENT	Patent Monitoring & Recovery - PMR - Mansfield	Fier, Richard (MTIG-R47); SCHADLER, EUGENE (MTIG-E5); Carlyon, James L. (MTIG-423)
S-8303US4	FR	07839043.2	2068977	EP2068977	09/29/2006	09/28/2007	01/27/2016	09/28/2027	National Stage	Active	Issued	Corviden LP	Corviden LP	FLASBACK CHAMBER VISUAL ENHANCEMENT	Patent Monitoring & Recovery - PMR - Mansfield	Fier, Richard (MTIG-R47); SCHADLER, EUGENE (MTIG-E5); Carlyon, James L. (MTIG-423)
S-8303US5	GB	07839043.2	2068977	EP2068977	09/29/2006	09/28/2007	01/27/2016	09/28/2027	National Stage	Active	Issued	Corviden LP	Corviden LP	FLASBACK CHAMBER VISUAL ENHANCEMENT	Patent Monitoring & Recovery - PMR - Mansfield	Fier, Richard (MTIG-R47); SCHADLER, EUGENE (MTIG-E5); Carlyon, James L. (MTIG-423)
S-8303US6	CA	2065008	2065008	2065008	09/29/2006	09/28/2007	11/24/2015	09/28/2027	National Stage	Active	Issued	Corviden LP	Corviden LP	FLASBACK CHAMBER VISUAL ENHANCEMENT	Patent Monitoring & Recovery - PMR - Mansfield	Fier, Richard (MTIG-R47); SCHADLER, EUGENE (MTIG-E5); Carlyon, James L. (MTIG-423)

Reference #	Country	App #	Patent #	Pub #	Priority Date	App Date	Issue Date	Expiration Date	Active Sub- Type	Status	Sub Status	Current Owner	Assignee	Title	Business Classification	Inventors
S-80301P	JP	2009-530451	5385787	2010-504824	09/29/2006	03/26/2009	10/11/2013	03/26/2029	National Stage	Active	Issued	Confiden JP	Confiden JP	FLASBACK CHAMBER VISUAL ENHANCEMENT	Parent: Monitoring & Recovery - PMR - Mansfield Inventors: Access/Prefill Other: Intra venous Access/Prefill	Peter, Richard (M1TG-R1-F); Tarock, Russell (M1TG-R1-T); Carylton, James L. (M1TG-C23)
S-80303MX	MX	MX/4/2009/003114	296725		09/29/2006	09/29/2007	03/06/2012	09/28/2022	National Stage	Active	Issued	Confiden JP	Confiden JP	FLASBACK CHAMBER VISUAL ENHANCEMENT	Parent: Monitoring & Recovery - PMR - Mansfield Inventors: Access/Prefill Other: Intra venous Access/Prefill	Peter, Richard (M1TG-R1-F); Tarock, Russell (M1TG-R1-T); Carylton, James L. (M1TG-C23)
S-80303US1	US	11/944666	7833201	2008080353	09/29/2006	09/27/2007	11/01/2010	12/11/2027	Utility	Active	Issued	Confiden JP	Confiden JP	Flashback Chamber Visual Enhancement	Parent: Monitoring & Recovery - PMR - Mansfield Inventors: Access/Prefill Other: Intra venous Access/Prefill	Peter, Richard (M1TG-R1-F); Tarock, Russell (M1TG-R1-T); Carylton, James L. (M1TG-C23)
S-80303US2	US	12/290457	8386588	2011-0060288-A1	09/29/2006	10/14/2010	03/19/2013	01/10/2028	Continuation	Active	Issued	Confiden JP	Confiden JP	FLASBACK CHAMBER VISUAL ENHANCEMENT	Parent: Monitoring & Recovery - PMR - Mansfield Inventors: Access/Prefill Other: Intra venous Access/Prefill	Peter, Richard (M1TG-R1-F); Tarock, Russell (M1TG-R1-T); Carylton, James L. (M1TG-C23)
S-80303AU1	AU	2004285374	2004285374	2005/042073	10/21/2003	11/01/2004	08/26/2010	11/01/2024	National Stage	Active	Issued	Confiden JP	Confiden JP	Safety Shield	Parent: Monitoring & Recovery - PMR - Mansfield Inventors: Access/Prefill Other: Intra venous Access/Prefill	Peter, Richard (M1TG-R1-F); Tarock, Russell (M1TG-R1-T); Carylton, James L. (M1TG-C23)
S-80303CA1	CA	2540483	2540483	2540483	10/21/2003	11/01/2004	06/05/2012	11/01/2024	National Stage	Active	Issued	Confiden JP	Confiden JP	Safety Shield	Parent: Monitoring & Recovery - PMR - Mansfield Inventors: Access/Prefill Other: Intra venous Access/Prefill	Peter, Richard (M1TG-R1-F); Tarock, Russell (M1TG-R1-T); Carylton, James L. (M1TG-C23)
S-80303CN1	CN	200480031504.4	Z1200480031504.4	CN1871063A	10/21/2003	11/01/2004	04/26/2010	11/01/2024	National Stage	Active	Issued	Confiden JP	Confiden JP	Safety Shield	Parent: Monitoring & Recovery - PMR - Mansfield Inventors: Access/Prefill Other: Intra venous Access/Prefill	Peter, Richard (M1TG-R1-F); Tarock, Russell (M1TG-R1-T); Carylton, James L. (M1TG-C23)
S-80303DE1	DE	04817503.8	DE 6020040090672	1677863	10/21/2003	11/01/2004	09/19/2007	11/01/2024	National Stage	Active	Issued	Confiden JP	Confiden JP	MECHANISM FOR PASSIVE PROTECTION OF MEDICAL S1AAPS	Parent: Monitoring & Recovery - PMR - Mansfield Inventors: Access/Prefill Other: Intra venous Access/Prefill	Peter, Richard (M1TG-R1-F); Tarock, Russell (M1TG-R1-T); Carylton, James L. (M1TG-C23)
S-80303DE1DV	DE	07116678.9	602004002083.5-08	1892003	10/21/2003	09/18/2007	03/25/2009	11/01/2024	Divisional	Active	Issued	Confiden JP	Confiden JP	SAFETY SHIELD	Parent: Monitoring & Recovery - PMR - Mansfield Inventors: Access/Prefill Other: Intra venous Access/Prefill	Peter, Richard (M1TG-R1-F); Tarock, Russell (M1TG-R1-T); Carylton, James L. (M1TG-C23)
S-80303DE2	DE	07837391.7	602007034051.9	2054107	10/21/2003	08/27/2007	11/27/2013	08/27/2027	National Stage	Active	Issued	Confiden JP	Confiden JP	LOCKING CLIP WITH TRIGGER BUSHING	Parent: Monitoring & Recovery - PMR - Mansfield Inventors: Access/Prefill Other: Intra venous Access/Prefill	Peter, Richard (M1TG-R1-F); Tarock, Russell (M1TG-R1-T); Carylton, James L. (M1TG-C23)
S-80303E1	ES	04817503.8	1677863	1677863	10/21/2003	11/01/2004	09/19/2007	11/01/2024	National Stage	Active	Issued	Confiden JP	Confiden JP	Safety Shield	Parent: Monitoring & Recovery - PMR - Mansfield Inventors: Access/Prefill Other: Intra venous Access/Prefill	Peter, Richard (M1TG-R1-F); Tarock, Russell (M1TG-R1-T); Carylton, James L. (M1TG-C23)
S-80303ES1DV	ES	07116678.9	ES 232456073	1892003	10/21/2003	09/18/2007	03/25/2009	11/01/2024	Divisional	Active	Issued	Confiden JP	Confiden JP	SAFETY SHIELD	Parent: Monitoring & Recovery - PMR - Mansfield Inventors: Access/Prefill Other: Intra venous Access/Prefill	Peter, Richard (M1TG-R1-F); Tarock, Russell (M1TG-R1-T); Carylton, James L. (M1TG-C23)
S-80303ES2	ES	07837391.7	2054107	2054107	10/21/2003	08/27/2007	11/27/2013	08/27/2027	National Stage	Active	Issued	Confiden JP	Confiden JP	LOCKING CLIP WITH TRIGGER BUSHING	Parent: Monitoring & Recovery - PMR - Mansfield Inventors: Access/Prefill Other: Intra venous Access/Prefill	Peter, Richard (M1TG-R1-F); Tarock, Russell (M1TG-R1-T); Carylton, James L. (M1TG-C23)
S-80303FR1	FR	04817503.8	1677863	1677863	10/21/2003	11/01/2004	09/19/2007	11/01/2024	National Stage	Active	Issued	Confiden JP	Confiden JP	MECHANISM FOR PASSIVE PROTECTION OF MEDICAL S1AAPS	Parent: Monitoring & Recovery - PMR - Mansfield Inventors: Access/Prefill Other: Intra venous Access/Prefill	Peter, Richard (M1TG-R1-F); Tarock, Russell (M1TG-R1-T); Carylton, James L. (M1TG-C23)
S-80303FR1DV	FR	07116678.9	1892003	1892003	10/21/2003	09/18/2007	03/25/2009	11/01/2024	Divisional	Active	Issued	Confiden JP	Confiden JP	SAFETY SHIELD	Parent: Monitoring & Recovery - PMR - Mansfield Inventors: Access/Prefill Other: Intra venous Access/Prefill	Peter, Richard (M1TG-R1-F); Tarock, Russell (M1TG-R1-T); Carylton, James L. (M1TG-C23)
S-80303FR2	FR	07837391.7	2054107	2054107	10/21/2003	08/27/2007	11/27/2013	08/27/2027	National Stage	Active	Issued	Confiden JP	Confiden JP	LOCKING CLIP WITH TRIGGER BUSHING	Parent: Monitoring & Recovery - PMR - Mansfield Inventors: Access/Prefill Other: Intra venous Access/Prefill	Peter, Richard (M1TG-R1-F); Tarock, Russell (M1TG-R1-T); Carylton, James L. (M1TG-C23)
S-80303G61	GB	04817503.8	1677863	1677863	10/21/2003	09/19/2007	11/01/2024	11/01/2024	National Stage	Active	Issued	Confiden JP	Confiden JP	MECHANISM FOR PASSIVE PROTECTION OF MEDICAL S1AAPS	Parent: Monitoring & Recovery - PMR - Mansfield Inventors: Access/Prefill Other: Intra venous Access/Prefill	Peter, Richard (M1TG-R1-F); Tarock, Russell (M1TG-R1-T); Carylton, James L. (M1TG-C23)
S-80303G61DV	GB	07116678.9	1892003	1892003	10/21/2003	09/18/2007	03/25/2009	11/01/2024	Divisional	Active	Issued	Confiden JP	Confiden JP	SAFETY SHIELD	Parent: Monitoring & Recovery - PMR - Mansfield Inventors: Access/Prefill Other: Intra venous Access/Prefill	Peter, Richard (M1TG-R1-F); Tarock, Russell (M1TG-R1-T); Carylton, James L. (M1TG-C23)
S-80303G62	GB	07837391.7	2054107	2054107	10/21/2003	08/27/2007	11/27/2013	08/27/2027	National Stage	Active	Issued	Confiden JP	Confiden JP	LOCKING CLIP WITH TRIGGER BUSHING	Parent: Monitoring & Recovery - PMR - Mansfield Inventors: Access/Prefill Other: Intra venous Access/Prefill	Peter, Richard (M1TG-R1-F); Tarock, Russell (M1TG-R1-T); Carylton, James L. (M1TG-C23)
S-80303IE1DV	IE	07116678.9	1892003	1892003	10/21/2003	11/01/2004	03/25/2009	11/01/2024	Divisional	Active	Issued	Confiden JP	Confiden JP	SAFETY SHIELD	Parent: Monitoring & Recovery - PMR - Mansfield Inventors: Access/Prefill Other: Intra venous Access/Prefill	Peter, Richard (M1TG-R1-F); Tarock, Russell (M1TG-R1-T); Carylton, James L. (M1TG-C23)
S-80303IE2	IE	07837391.7	2054107	2054107	10/21/2003	08/27/2007	11/27/2013	08/27/2027	National Stage	Active	Issued	Confiden JP	Confiden JP	LOCKING CLIP WITH TRIGGER BUSHING	Parent: Monitoring & Recovery - PMR - Mansfield Inventors: Access/Prefill Other: Intra venous Access/Prefill	Peter, Richard (M1TG-R1-F); Tarock, Russell (M1TG-R1-T); Carylton, James L. (M1TG-C23)
S-80303IT1	IT	04817503.8	1677863	1677863	10/21/2003	11/01/2004	09/19/2007	11/01/2024	National Stage	Active	Issued	Confiden JP	Confiden JP	MECHANISM FOR PASSIVE PROTECTION OF MEDICAL S1AAPS	Parent: Monitoring & Recovery - PMR - Mansfield Inventors: Access/Prefill Other: Intra venous Access/Prefill	Peter, Richard (M1TG-R1-F); Tarock, Russell (M1TG-R1-T); Carylton, James L. (M1TG-C23)
S-80303IT1DV	IT	07116678.9	1892003	1892003	10/21/2003	09/18/2007	03/25/2009	11/01/2024	Divisional	Active	Issued	Confiden JP	Confiden JP	SAFETY SHIELD	Parent: Monitoring & Recovery - PMR - Mansfield Inventors: Access/Prefill Other: Intra venous Access/Prefill	Peter, Richard (M1TG-R1-F); Tarock, Russell (M1TG-R1-T); Carylton, James L. (M1TG-C23)
S-80303JP1	JP	2006-539415	4776543	2007-549723	10/21/2003	11/01/2004	07/08/2011	11/01/2024	National Stage	Active	Issued	Confiden JP	Confiden JP	Safety Shield	Parent: Monitoring & Recovery - PMR - Mansfield Inventors: Access/Prefill Other: Intra venous Access/Prefill	Peter, Richard (M1TG-R1-F); Tarock, Russell (M1TG-R1-T); Carylton, James L. (M1TG-C23)

Reference #	Country	App #	Patent #	Pub #	Priority Date	App Date	Issue Date	Expiration Date	Active Sub- Type	Status	Sub Status	Current Owner	Assignee	Title	Abstract/Classification	Inventors
S-83031P1DV	JP	2007-276307	4615537	2008-068116	10/31/2003	10/24/2007	10/29/2010	11/01/2024	Divisional	Active	Issued	Confiden JP	Confiden JP	SAFETY SHIELD	Patient Monitoring & Recovery - PMR - Mansfield Access/Prefill Other: Intravenous	Fier, Richard (MTIG-AL2); Jarock, Russell (MTIG-RL7); Carlyn, James L. (MTIG-CZ3)
S-8303MM1	MX	PA/0706/006634	253880		10/31/2003	11/01/2004	06/29/2008	11/01/2024	National Stage	Active	Issued	Confiden JP	Confiden JP	MECHANISM FOR PASSIVE PROTECTION OF MEDICAL SIARPS	Patient Monitoring & Recovery - PMR - Mansfield Access/Prefill Other: Intravenous	Fier, Richard (MTIG-AL2); Jarock, Russell (MTIG-RL7); Carlyn, James L. (MTIG-CZ3)
S-8303US	US	10/698869	7226434	US-2005-006592-A1	10/31/2003	10/31/2003	06/05/2007	01/29/2024	Utility	Active	Issued	Confiden JP	Confiden JP	MECHANISM FOR PASSIVE PROTECTION OF MEDICAL SIARPS	Patient Monitoring & Recovery - PMR - Mansfield Access/Prefill Other: Intravenous	Fier, Richard (MTIG-AL2); Jarock, Russell (MTIG-RL7); Carlyn, James L. (MTIG-CZ3)
S-8303US1	US	10/559867	7736332	2007016195-0	10/31/2003	11/01/2004	06/15/2010	01/29/2024	Continuation-in-Part	Active	Issued	Confiden JP	Confiden JP	MECHANISM FOR PASSIVE PROTECTION OF MEDICAL SIARPS	Patient Monitoring & Recovery - PMR - Mansfield Access/Prefill Other: Intravenous	Fier, Richard (MTIG-AL2); Jarock, Russell (MTIG-RL7); Carlyn, James L. (MTIG-CZ3)
H-KN-01164AU	AU	20100101584	2010201184		05/07/2009	04/20/2010	01/30/2014	04/20/2030	Utility	Active	Issued	Confiden JP	Confiden JP	Medical Fluid Container	Patient Monitoring & Recovery - PMR - Mansfield Nutritional Care Enteral Feeding	Fitzgerald, Alan (MTIG-AV7)
H-KN-01164CA	CA	2699402	2699402	2699402	05/07/2009	04/09/2010	11/04/2014	04/09/2030	Utility	Active	Issued	Confiden JP	Confiden JP	Medical Fluid Connector	Patient Monitoring & Recovery - PMR - Mansfield Nutritional Care Enteral Feeding	Fitzgerald, Alan (MTIG-AV7)
H-KN-01164CN	CN	201010174071.5	Z1201010174071.5	CN101904801A	05/07/2009	05/06/2010	10/29/2014	05/06/2030	Utility	Active	Issued	Confiden JP	Confiden JP	Medical Fluid Container	Patient Monitoring & Recovery - PMR - Mansfield Nutritional Care Enteral Feeding	Fitzgerald, Alan (MTIG-AV7)
H-KN-01164DE	DE	10003125.1	602010004659.9	2248507	05/07/2009	03/24/2010	01/09/2013	03/24/2030	National Stage	Active	Issued	Confiden JP	Confiden JP	Medical Fluid Container	Patient Monitoring & Recovery - PMR - Mansfield Nutritional Care Enteral Feeding	Fitzgerald, Alan (MTIG-AV7)
H-KN-01164FR	FR	10003125.1	2248507	2248507	05/07/2009	03/24/2010	01/09/2013	03/24/2030	National Stage	Active	Issued	Confiden JP	Confiden JP	Medical Fluid Container	Patient Monitoring & Recovery - PMR - Mansfield Nutritional Care Enteral Feeding	Fitzgerald, Alan (MTIG-AV7)
H-KN-01164GB	GB	10003125.1	2248507	2248507	05/07/2009	03/24/2010	01/09/2013	03/24/2030	National Stage	Active	Issued	Confiden JP	Confiden JP	Medical Fluid Container	Patient Monitoring & Recovery - PMR - Mansfield Nutritional Care Enteral Feeding	Fitzgerald, Alan (MTIG-AV7)
H-KN-011725AU	AU	2013293294	2013293294		07/25/2012	07/19/2013	12/08/2016	07/19/2033	National Stage	Active	Issued	Confiden JP	Confiden JP	Enteral Feeding Pump With Flow Adjustment	Patient Monitoring & Recovery - PMR - Mansfield Nutritional Care Enteral Feeding	Fier, Daniel (fynmds); Hudson, Joseph (hudso8); Harr, James (harr1)
H-KN-011725CA	CA	2879745			07/25/2012	07/19/2013			National Stage	Active	Filed	Confiden JP	Confiden JP	ENTERAL FEEDING PUMP WITH FLOW ADJUSTMENT	Patient Monitoring & Recovery - PMR - Mansfield Nutritional Care Enteral Feeding	Fier, Daniel (fynmds); Hudson, Joseph (hudso8); Harr, James (harr1)
H-KN-011725CN	CN	201380045386.7	CN10460786A		07/25/2012	07/19/2013			National Stage	Active	Published	Confiden JP	Confiden JP	Enteral Feeding Pump With Flow Adjustment	Patient Monitoring & Recovery - PMR - Mansfield Nutritional Care Enteral Feeding	Fier, Daniel (fynmds); Hudson, Joseph (hudso8); Harr, James (harr1)
H-KN-011725EP	EP	13745250.4		2877946	07/25/2012	07/19/2013			National Stage	Active	Published	Confiden JP	Confiden JP	Enteral Feeding Pump With Flow Adjustment	Patient Monitoring & Recovery - PMR - Mansfield Nutritional Care Enteral Feeding	Fier, Daniel (fynmds); Hudson, Joseph (hudso8); Harr, James (harr1)
H-KN-011725US	US	13/557935		20140031784	07/25/2012	07/25/2012			Utility	Active	Published	Confiden JP	Confiden JP	Enteral Feeding Pump With Flow Adjustment	Patient Monitoring & Recovery - PMR - Mansfield Nutritional Care Enteral Feeding	Fier, Daniel (fynmds); Hudson, Joseph (hudso8); Harr, James (harr1)
H-KN-01198EP	EP	12184356.9		2574889	09/20/2011	09/14/2012			Utility	Active	Published	Confiden JP	Confiden JP	Capacitive Sensor for Thermometer Probe	Patient Monitoring & Recovery - PMR - Mansfield Thermometry Other: Thermometry	Fier, Daniel (fynmds); Lewis, Thomas (lewis27)
H-KN-006777AU	AU	20101020231	20101020231		06/30/2009	05/31/2010	12/05/2013	05/31/2030	Utility	Active	Issued	Confiden JP	Confiden JP	FEMALE ADAPTER FOR FEEDING LINE	Patient Monitoring & Recovery - PMR - Mansfield Nutritional Care Enteral Feeding	Fournie, Glenn (MTIG-GGF1)
H-KN-006777CA	CA	2704900	2704900		06/30/2009	05/25/2010	05/22/2012	05/25/2030	Utility	Active	Issued	Confiden JP	Confiden JP	FEMALE ADAPTER FOR FEEDING LINE	Patient Monitoring & Recovery - PMR - Mansfield Nutritional Care Enteral Feeding	Fournie, Glenn (MTIG-GGF1)
H-KN-006777CN	CN	20101018230.7	Z120101018230.7	CN1931886A	06/30/2009	06/28/2010	08/27/2014	06/28/2030	Utility	Active	Issued	Confiden JP	Confiden JP	FEMALE ADAPTER FOR FEEDING LINE	Patient Monitoring & Recovery - PMR - Mansfield Nutritional Care Enteral Feeding	Fournie, Glenn (MTIG-GGF1)
H-KN-006777EP	EP	10005270.3	2269685		06/30/2009	05/20/2010	07/09/2014	05/20/2030	National Stage	Active	Issued	Confiden JP	Confiden JP	Female Adapter for Feeding Line	Patient Monitoring & Recovery - PMR - Mansfield Nutritional Care Enteral Feeding	Fournie, Glenn (MTIG-GGF1)
H-KN-006777RU	RU	10005270.3	2269685		06/30/2009	05/20/2010	07/09/2014	05/20/2030	National Stage	Active	Issued	Confiden JP	Confiden JP	Female Adapter for Feeding Line	Patient Monitoring & Recovery - PMR - Mansfield Nutritional Care Enteral Feeding	Fournie, Glenn (MTIG-GGF1)
H-KN-006776801	GB	10005270.3	2269685		06/30/2009	05/20/2010	07/09/2014	05/20/2030	National Stage	Active	Issued	Confiden JP	Confiden JP	Female Adapter for Feeding Line	Patient Monitoring & Recovery - PMR - Mansfield Nutritional Care Enteral Feeding	Fournie, Glenn (MTIG-GGF1)
H-KN-006777L	IL	205582	205582		06/30/2009	05/26/2010	04/01/2014	05/26/2030	Utility	Active	Issued	Confiden JP	Confiden JP	FEMALE ADAPTER FOR FEEDING LINE	Patient Monitoring & Recovery - PMR - Mansfield Nutritional Care Enteral Feeding	Fournie, Glenn (MTIG-GGF1)

Reference #	Country	App #	Patent #	Pub #	Priority Date	App Date	Issue Date	Expiration Date	Active Sub- Type	Status	Sub Status	Current Owner	Assignee	Title	Business Classification	Inventors
H-N-00072J5	US	12/695355	795517	20100331787	06/10/2009	06/30/2009	06/07/2011	06/30/2029	Utility	Active	Issued	Confiden LP	Confiden LP	Female Adaptor for Feeding Line	Patient Monitoring & Recovery - PMR - Mansfield	Faurie, Glenn (MTG-66P1)
H-N-00073CA	CA	2527049	2527049	12/6205	12/11/2006	09/14/2010	12/11/2026	Utility	Active	Issued	Confiden LP	Confiden LP	Confiden LP	Reinforcing Tool for a Medical Needle	Patient Monitoring & Recovery - PMR - Mansfield	FULLMARA, Norfun (MTG-NP1); ABE, Kazuhiko (MTG-K4)
H-N-00015CA	CA	2583588	2583588	10/06/2004	10/06/2005	12/22/2009	10/06/2025	National Stage	Active	Issued	Confiden LP	Confiden LP	Confiden LP	Organ Flang Equipment, and Organ Flang Equipment Set	Patient Monitoring & Recovery - PMR - Mansfield	FULLMARA, Norfun (MTG-NP1); MABUCHI, Hiroshi (MTG-H36)
H-N-0005JUS	US	12/288828	8187200	20090198256	04/27/2005	04/28/2006	05/29/2012	07/16/2027	National Stage	Active	Issued	Confiden LP	Confiden LP	Organopexy Tool and Organopexy Kit	Patient Monitoring & Recovery - PMR - Mansfield	Furumura, Shigeki (MTG-556)
H-N-0009AUDV	AU	2012200824	2012200824		05/14/2008	05/12/2009	05/09/2013	05/12/2029	Disional	Active	Issued	Confiden LP	Confiden LP	Fistula Catheter and Fistula Catheter Set	Patient Monitoring & Recovery - PMR - Mansfield	Furumura, Shigeki (MTG-556)
H-N-0009ECA	CA	2665296	2665296	2665296	05/14/2008	05/04/2009	04/03/2013	05/04/2029	Utility	Active	Issued	Confiden LP	Confiden LP	Fistula Catheter and Fistula Catheter Set	Patient Monitoring & Recovery - PMR - Mansfield	Furumura, Shigeki (MTG-556)
H-N-0009ECN	CN	200910140874.6	Z1200910140874.6	CN101601885A	05/14/2008	05/14/2009	02/13/2013	05/14/2029	Utility	Active	Issued	Confiden LP	Confiden LP	Fistula Catheter and Fistula Catheter Set	Patient Monitoring & Recovery - PMR - Mansfield	Furumura, Shigeki (MTG-556)
H-N-0009DE	DE	09006274.6	60 2009 004 457.5	2119424	05/14/2008	05/08/2009	01/04/2012	05/08/2029	National Stage	Active	Issued	Confiden LP	Confiden LP	FISTULA CATHETER AND FISTULA CATHETER SET	Patient Monitoring & Recovery - PMR - Mansfield	Furumura, Shigeki (MTG-556)
H-N-0009ER	FR	09006274.6	2119424	2119424	05/14/2008	05/08/2009	01/04/2012	05/08/2029	National Stage	Active	Issued	Confiden LP	Confiden LP	FISTULA CATHETER AND FISTULA CATHETER SET	Patient Monitoring & Recovery - PMR - Mansfield	Furumura, Shigeki (MTG-556)
H-N-0009GB	GB	09006274.6	2119424	2119424	05/14/2008	05/08/2009	01/04/2012	05/08/2029	National Stage	Active	Issued	Confiden LP	Confiden LP	FISTULA CATHETER AND FISTULA CATHETER SET	Patient Monitoring & Recovery - PMR - Mansfield	Furumura, Shigeki (MTG-556)
H-N-0004CA	CA	2555701	2555701	2555701	09/02/2004	09/02/2005	09/24/2009	09/02/2025	National Stage	Active	Issued	Confiden LP	Confiden LP	Medical Suture Tool	Patient Monitoring & Recovery - PMR - Mansfield	Furumura, Shigeki (MTG-556); ABE, Kazuhiko (MTG-K4)
H-N-0001JUS	US	11/576873	8663278	20090163939	10/06/2004	10/06/2005	03/04/2014	12/31/2028	National Stage	Active	Issued	Confiden LP	Confiden LP	Organ Flang Equipment	Patient Monitoring & Recovery - PMR - Mansfield	Furumura, Shigeki (MTG-556); MABUCHI, Hiroshi (MTG-H36)
H-N-0008CA	CA	2555706	2555706	2555706	08/23/2005	08/09/2006	03/24/2009	08/09/2026	Utility	Active	Issued	Confiden LP	Confiden LP	Extraction Device and Medical Suture Device Set	Patient Monitoring & Recovery - PMR - Mansfield	Furumura, Shigeki (MTG-556); MABUCHI, Hiroshi (MTG-H36)
H-N-0003CA	CA	2554592	2554592	2554592	02/03/2004	02/03/2005	04/27/2010	02/03/2025	National Stage	Active	Issued	Confiden LP	Confiden LP	Infection-Preventing Gastrostomy Catheter Kit for Gastrostomy	Patient Monitoring & Recovery - PMR - Mansfield	Furumura, Shigeki (MTG-556); SUZUKI, Nobuhiko (MTG-N56)
H-N-0003DE	DE	05701332.8	60 2005 027 310.7	1711111	02/03/2004	02/03/2005	04/06/2011	02/03/2025	National Stage	Active	Issued	Confiden LP	Confiden LP	Infection-Preventing Gastrostomy Catheter Kit for Gastrostomy	Patient Monitoring & Recovery - PMR - Mansfield	Furumura, Shigeki (MTG-556); SUZUKI, Nobuhiko (MTG-N56)
H-N-0003FR	FR	05701332.8	1711111	1711111	02/03/2004	02/03/2005	04/06/2011	02/03/2025	National Stage	Active	Issued	Confiden LP	Confiden LP	Infection-Preventing Gastrostomy Catheter Kit for Gastrostomy	Patient Monitoring & Recovery - PMR - Mansfield	Furumura, Shigeki (MTG-556); SUZUKI, Nobuhiko (MTG-N56)
H-N-0003GB	GB	05701332.8	1711111	1711111	02/03/2004	02/03/2005	04/06/2011	02/03/2025	National Stage	Active	Issued	Confiden LP	Confiden LP	Infection-Preventing Gastrostomy Catheter Kit for Gastrostomy	Patient Monitoring & Recovery - PMR - Mansfield	Furumura, Shigeki (MTG-556); SUZUKI, Nobuhiko (MTG-N56)
H-N-0003JUS	US	10/597699	7857790	20080039797	02/03/2004	02/03/2005	12/28/2010	07/30/2026	National Stage	Active	Issued	Confiden LP	Confiden LP	Infection-Preventing Gastrostomy Catheter Kit for Gastrostomy	Patient Monitoring & Recovery - PMR - Mansfield	Furumura, Shigeki (MTG-556); WADA, Yoshihiro (MTG-N56)
H-N-0003JUS	US	12/095261	8043265	20110046555	11/28/2005	11/27/2006	10/25/2011	11/18/2027	National Stage	Active	Issued	Confiden LP	Confiden LP	Internal Needle	Patient Monitoring & Recovery - PMR - Mansfield	Furumura, Shigeki (MTG-556); WADA, Yoshihiro (MTG-N56)
H-N-0003JUS	US	14/969333		US 2016-020813 A1	11/28/2005	12/15/2015			Continuation	Active	Published	Confiden LP	Confiden LP	INTERNAL NEEDLE	Patient Monitoring & Recovery - PMR - Mansfield	Furumura, Shigeki (MTG-556); WADA, Yoshihiro (MTG-N56)
H-N-0003JUS1	US	13/279580	8523819	20120123339	11/28/2005	10/24/2011	09/03/2013	12/27/2026	Disional	Active	Issued	Confiden LP	Confiden LP	Internal Needle	Patient Monitoring & Recovery - PMR - Mansfield	Furumura, Shigeki (MTG-556); WADA, Yoshihiro (MTG-N56)
H-N-0003JUS2	US	14/010871	9211380	20142018739	11/28/2005	08/27/2013	12/15/2015	12/10/2026	Continuation	Active	Issued	Confiden LP	Confiden LP	Internal Needle	Patient Monitoring & Recovery - PMR - Mansfield	Furumura, Shigeki (MTG-556); WADA, Yoshihiro (MTG-N56)
7040JUS	US	09/893855	6600957	2003004558	06/28/2001	06/28/2001	07/29/2003	09/25/2021	Utility	Active	Issued	Confiden LP	Confiden LP	FOLDED CODE ABSORBENT MEDICAL STIMULATION ELECTRODE	Patient Monitoring & Recovery - PMR - Mansfield	Gaddy, Peter (MTG-206)
H-N-03030 CNM4	CN	20148006298.1	CN105744920A	11/15/2013	11/14/2014				National Stage	Active	Published	Confiden LP	Confiden LP	FOLDED CODE ABSORBENT ARTICLE AND RELATED METHOD	Patient Monitoring & Recovery - PMR - Mansfield	Gahan, Richard (gahant)
H-N-03030 WMS	MX	MX/3/2016/006182		11/15/2013	11/14/2014				National Stage	Active	Filed	Confiden LP	Confiden LP	FOLDED CODE ABSORBENT ARTICLE AND RELATED METHOD	Patient Monitoring & Recovery - PMR - Mansfield	Gahan, Richard (gahant)

Reference #	Country	App #	Patent #	Pub #	Priority Date	App Date	Issue Date	Expiration Date	Active Sub- Type	Status	Sub-Status	Current Owner	Assignee	Title	Business Classification	Inventors
S-58451-HJ	HJ	06804000.6	1931731	1931731	10/04/2005	09/25/2006	09/16/2010	09/25/2026	National Stage	Active	Issued	Corviden LP	Corviden LP	Polyurethane Catheter Compositions	Patient Monitoring & Recovery - PMR - Mansfield	Goghli, Bharat (goghli)
S-58451-MX	MX	MX/4/2008/00431.0	284096		10/04/2005	09/25/2006	04/27/2011	09/25/2026	National Stage	Active	Issued	Corviden LP	Corviden LP	Polyurethane Catheter Compositions	Patient Monitoring & Recovery - PMR - Mansfield	Goghli, Bharat (goghli)
H-KN-000655-R	FR	06803729.0	1936587	1936587	09/16/2005	09/18/2006	07/31/2013	09/18/2026	National Stage	Active	Issued	Corviden LP	Corviden LP	Method for Relieving Stress in Polymeric Materials	Patient Monitoring & Recovery - PMR - Mansfield	Goghli, Bharat (goghli); Jones, Scott (jones65)
H-KN-000656-R	GB	06803729.0	1936587	1936587	09/16/2005	09/18/2006	07/31/2013	09/18/2026	National Stage	Active	Issued	Corviden LP	Corviden LP	Method for Relieving Stress in Polymeric Materials	Patient Monitoring & Recovery - PMR - Mansfield	Goghli, Bharat (goghli); Jones, Scott (jones65)
H-KN-000650-J1	US	11/572887	7864375	2007-0069430	09/16/2005	09/18/2006	12/07/2010	12/07/2027	Utility	Active	Issued	Corviden LP	Corviden LP	Method for Relieving Stress in Polymeric Materials	Patient Monitoring & Recovery - PMR - Mansfield	Goghli, Bharat (goghli); Jones, Scott (jones65)
H-KN-01088-U5	US	12/500729	8162869	20110009795	07/10/2009	07/10/2009	04/24/2012	08/04/2030	Utility	Active	Issued	Corviden LP	Corviden LP	Hybrid Compression Garment	Patient Monitoring & Recovery - PMR - Mansfield	Graham, Joseph (graham7)
H-KN-01089-D1-N3	DE	09163472.5	2140903	EP2140903	06/30/2008	06/23/2009	09/02/2015	06/23/2029	National Stage	Active	Issued	Corviden LP	Corviden LP	Urinary Catheter Assembly with Valve Assembly	Urology / Other Urology	Green, Kurt (MIG-KEG)
H-KN-01089-FM4	FR	09163472.5	2140903	EP2140903	06/30/2008	06/23/2009	09/02/2015	06/23/2029	National Stage	Active	Issued	Corviden LP	Corviden LP	Urinary Catheter Assembly with Valve Assembly	Urology / Other Urology	Green, Kurt (MIG-KEG)
H-KN-01089-GHNS	GB	09163472.5	2140903	EP2140903	06/30/2008	06/23/2009	09/02/2015	06/23/2029	National Stage	Active	Issued	Corviden LP	Corviden LP	Urinary Catheter Assembly with Valve Assembly	Urology / Other Urology	Green, Kurt (MIG-KEG)
H-KN-01089-CA	CA	2668792	2668792	2668792	06/30/2008	06/12/2009			Utility	Active	Allowed	Corviden LP	Corviden LP	VALVE ASSEMBLY INCLUDING A DISOLUBLE VALVE MEMBER	Patient Monitoring & Recovery - PMR - Mansfield	Green, Kurt (MIG-KEG)
H-KN-01089-E01	DE	09163472.5	60209033291.0		06/30/2008	06/23/2009	09/02/2015	06/23/2029	National Stage	Active	Issued	Corviden LP	Corviden LP	Urinary Catheter Assembly with Valve Assembly	Patient Monitoring & Recovery - PMR - Mansfield	Green, Kurt (MIG-KEG)
H-KN-01089-PV	EP	14152055.1	EP2727474		06/30/2008	06/23/2009			Divisional	Active	Published	Corviden LP	Corviden LP	VALVE ASSEMBLY INCLUDING A DISOLUBLE VALVE MEMBER	Urology / Other Urology	Green, Kurt (MIG-KEG)
H-KN-01089-R01	FR	09163472.5	2140903		06/30/2008	06/23/2009	09/02/2015	06/23/2029	National Stage	Active	Issued	Corviden LP	Corviden LP	Urinary Catheter Assembly with Valve Assembly	Urology / Other Urology	Green, Kurt (MIG-KEG)
H-KN-01089-R01	FR	09163472.5	2140903		06/30/2008	06/23/2009	09/02/2015	06/23/2029	National Stage	Active	Issued	Corviden LP	Corviden LP	Urinary Catheter Assembly with Valve Assembly	Urology / Other Urology	Green, Kurt (MIG-KEG)
H-KN-01089-R01	GB	09163472.5	2140903		06/30/2008	06/23/2009	09/02/2015	06/23/2029	National Stage	Active	Issued	Corviden LP	Corviden LP	Urinary Catheter Assembly with Valve Assembly	Urology / Other Urology	Green, Kurt (MIG-KEG)
H-KN-01089-P	JP	2009-150516	5439053	2010-12751	06/30/2008	06/25/2009	12/02/2013	06/25/2029	Utility	Active	Issued	Corviden LP	Corviden LP	VALVE ASSEMBLY INCLUDING A DISOLUBLE VALVE MEMBER	Patient Monitoring & Recovery - PMR - Mansfield	Green, Kurt (MIG-KEG)
H-KN-01089-MX	MX	MX/4/2009/006968	316826		06/30/2008	06/25/2009	01/07/2014	06/25/2029	Utility	Active	Issued	Corviden LP	Corviden LP	VALVE ASSEMBLY INCLUDING A DISOLUBLE VALVE MEMBER	Patient Monitoring & Recovery - PMR - Mansfield	Green, Kurt (MIG-KEG)
H-KN-01089-J51	US	12/465205	8518019	2009-0236483-A1	06/30/2008	06/16/2009	09/27/2013	05/26/2031	Utility	Active	Issued	Corviden LP	Corviden LP	Valve Assembly Including a Discolvable Valve Member	Patient Monitoring & Recovery - PMR - Mansfield	Green, Kurt (MIG-KEG)
H-KN-01089-K2	US	13/992349	8876801	2013031081.1	06/30/2008	07/01/2013	11/04/2014	06/16/2029	Continuation	Active	Issued	Corviden LP	Corviden LP	Apparatus, System and Method for a Discolvable Valve Member	Patient Monitoring & Recovery - PMR - Mansfield	Green, Kurt (MIG-KEG)
2056JUS	US	10/154512	7118559	200307209601	05/24/2002	05/24/2002	10/19/2006	09/26/2023	Utility	Active	Issued	Corviden LP	Corviden LP	BLOOD FLUID COLLECTION APPARATUS	Patient Monitoring & Recovery - PMR - Mansfield	Griffin, Mary Jo (griffin)
H-KN-01100-U	AU	2010201011	2010201011		04/16/2009	03/16/2010	06/19/2014	03/16/2030	Utility	Active	Issued	Corviden LP	Corviden LP	UPC introducer	Patient Monitoring & Recovery - PMR - Mansfield	Callahan, Mark (MIG-MIC)
H-KN-01100-CA	CA	2666218	2666218		04/16/2009	03/09/2010			Utility	Active	Published	Corviden LP	Corviden LP	UPC introducer	Patient Monitoring & Recovery - PMR - Mansfield	Callahan, Mark (MIG-MIC)
H-KN-01100-E9	EP	09230668.8	09230668.8	09230668.8	04/16/2009	03/09/2010			Divisional	Active	Published	Corviden LP	Corviden LP	UPC introducer	Patient Monitoring & Recovery - PMR - Mansfield	Callahan, Mark (MIG-MIC)
H-KN-01100-US	US	12/464707	9,421,346	20100086123	04/16/2009	04/16/2009	06/23/2016	11/26/2032	Utility	Active	Issued	Corviden LP	Corviden LP	UPC introducer	Patient Monitoring & Recovery - PMR - Mansfield	Callahan, Mark (MIG-MIC)
27158AU	AU	2005292492	2005292492		09/29/2004	09/09/2005	06/08/2012	09/09/2025	National Stage	Active	Issued	Corviden LP	Corviden LP	Intracatheter Pressure Catheter Interface Cable System	Patient Monitoring & Recovery - PMR - Mansfield	Griffin, Mary Jo (griffin); Low, Stewart (MIGS-SWL3)
27158ALUDV1	AU	2011218620	2011218620		09/29/2004	08/29/2011	11/15/2012	09/09/2025	Divisional	Active	Issued	Corviden LP	Corviden LP	Intracatheter Pressure Catheter Interface Cable System	Patient Monitoring & Recovery - PMR - Mansfield	Griffin, Mary Jo (griffin); Low, Stewart (MIGS-SWL3)
27158ALUDV2	AU	2011218638	2011218638		09/29/2004	08/29/2011	11/15/2012	09/09/2025	Divisional	Active	Issued	Corviden LP	Corviden LP	Intracatheter Pressure Catheter Interface Cable System	Patient Monitoring & Recovery - PMR - Mansfield	Griffin, Mary Jo (griffin); Low, Stewart (MIGS-SWL3)
27158BR	BR	PI0515945-8	1962		09/29/2004	09/09/2005			National Stage	Active	Published	Corviden LP	Corviden LP	Intracatheter Pressure Catheter Interface Cable System	Patient Monitoring & Recovery - PMR - Mansfield	Griffin, Mary Jo (griffin); Low, Stewart (MIGS-SWL3)
27158CA	CA	2581283	2581283		09/29/2004	09/09/2005	01/27/2013	09/09/2025	National Stage	Active	Issued	Corviden LP	Corviden LP	Intracatheter Pressure Catheter Interface Cable System	Patient Monitoring & Recovery - PMR - Mansfield	Griffin, Mary Jo (griffin); Low, Stewart (MIGS-SWL3)

Member #	Country	App #	Patent #	Pub #	Priority Date	App Date	Issue Date	Expiration Date	Member Sub-System	Status	Sub-System	Current Owner	Assignee	Title	Business Classification	Inventors
27158CN	CN	200580033003.4	2,200,580,033,003.4	CN101031253A	09/29/2004	09/09/2005	08/18/2010	09/09/2025	National Stage	Active	Issued	Confiden LP	Confiden LP	Intracatheter Pressure Catheter Interface Cable System	Patient Monitoring & Recovery - PNR - Mansfield Monitoring & Operating Room Other MOP	Griffin, Mary Jo (griffin); low, Stewart (MITS-SWL3); Zaken, Elad (MITS-EI2)
27158JP	JP	05796875.2	60200504149.2		09/29/2004	09/09/2005	07/09/2014	09/09/2025	National Stage	Active	Issued	Confiden LP	Confiden LP	Intracatheter Pressure Catheter Interface Cable System	Patient Monitoring & Recovery - PNR - Mansfield Monitoring & Operating Room Other MOP	Griffin, Mary Jo (griffin); low, Stewart (MITS-SWL3); Zaken, Elad (MITS-EI2)
27158EP	EP	14176007.2		2813177	09/29/2004	09/09/2005			Disional	Active	Published	Confiden LP	Confiden LP	Intracatheter Pressure Catheter Interface Cable System	Patient Monitoring & Recovery - PNR - Mansfield Monitoring & Operating Room Other MOP	Griffin, Mary Jo (griffin); low, Stewart (MITS-SWL3); Zaken, Elad (MITS-EI2)
27158US	US	05796875.2	1809166		09/29/2004	09/09/2005	07/09/2014	09/09/2025	National Stage	Active	Issued	Confiden LP	Confiden LP	Intracatheter Pressure Catheter Interface Cable System	Patient Monitoring & Recovery - PNR - Mansfield Monitoring & Operating Room Other MOP	Griffin, Mary Jo (griffin); low, Stewart (MITS-SWL3); Zaken, Elad (MITS-EI2)
27158P01	FR	05796875.2	1809166		09/29/2004	09/09/2005	07/09/2014	09/09/2025	National Stage	Active	Issued	Confiden LP	Confiden LP	Intracatheter Pressure Catheter Interface Cable System	Patient Monitoring & Recovery - PNR - Mansfield Monitoring & Operating Room Other MOP	Griffin, Mary Jo (griffin); low, Stewart (MITS-SWL3); Zaken, Elad (MITS-EI2)
27158B01	GB	05796875.2	1809166		09/29/2004	09/09/2005	07/09/2014	09/09/2025	National Stage	Active	Issued	Confiden LP	Confiden LP	Intracatheter Pressure Catheter Interface Cable System	Patient Monitoring & Recovery - PNR - Mansfield Monitoring & Operating Room Other MOP	Griffin, Mary Jo (griffin); low, Stewart (MITS-SWL3); Zaken, Elad (MITS-EI2)
27158EP	IE	05796875.2	1809166		09/29/2004	09/09/2005	07/09/2014	09/09/2025	National Stage	Active	Issued	Confiden LP	Confiden LP	Intracatheter Pressure Catheter Interface Cable System	Patient Monitoring & Recovery - PNR - Mansfield Monitoring & Operating Room Other MOP	Griffin, Mary Jo (griffin); low, Stewart (MITS-SWL3); Zaken, Elad (MITS-EI2)
27158P	JP	2007.533522	4759567	2008/514278	09/29/2004	09/09/2005	06/19/2011	09/09/2025	National Stage	Active	Issued	Confiden LP	Confiden LP	Intracatheter Pressure Catheter Interface Cable System	Patient Monitoring & Recovery - PNR - Mansfield Monitoring & Operating Room Other MOP	Griffin, Mary Jo (griffin); low, Stewart (MITS-SWL3); Zaken, Elad (MITS-EI2)
27158PV	JP	2011.59945	5468096	2011-143263	09/29/2004	09/09/2005	02/07/2014	09/09/2025	National Stage	Active	Issued	Confiden LP	Confiden LP	Intracatheter Pressure Catheter Interface Cable System	Patient Monitoring & Recovery - PNR - Mansfield Monitoring & Operating Room Other MOP	Griffin, Mary Jo (griffin); low, Stewart (MITS-SWL3); Zaken, Elad (MITS-EI2)
27158PV1	JP	2013.167866	5844778	2014-429	09/29/2004	09/09/2005	11/27/2015	09/09/2025	National Stage	Active	Issued	Confiden LP	Confiden LP	Intracatheter Pressure Catheter Interface Cable System	Patient Monitoring & Recovery - PNR - Mansfield Monitoring & Operating Room Other MOP	Griffin, Mary Jo (griffin); low, Stewart (MITS-SWL3); Zaken, Elad (MITS-EI2)
27158MX	MX	MX/42007/003550	327381		09/29/2004	09/09/2005	01/29/2015	09/09/2025	National Stage	Active	Issued	Confiden LP	Confiden LP	Intracatheter Pressure Catheter Interface Cable System	Patient Monitoring & Recovery - PNR - Mansfield Monitoring & Operating Room Other MOP	Griffin, Mary Jo (griffin); low, Stewart (MITS-SWL3); Zaken, Elad (MITS-EI2)
27158MX01	MX	MX/42014/010317			09/29/2004	09/09/2005			Disional	Active	Filed	Confiden LP	Confiden LP	Intracatheter Pressure Catheter Interface Cable System	Patient Monitoring & Recovery - PNR - Mansfield Monitoring & Operating Room Other MOP	Griffin, Mary Jo (griffin); low, Stewart (MITS-SWL3); Zaken, Elad (MITS-EI2)
27158ZDV	NZ	586603	586603	1596	09/29/2004	09/09/2005	10/08/2012	09/09/2025	National Stage	Active	Issued	Confiden LP	Confiden LP	Intracatheter Pressure Catheter Interface Cable System	Patient Monitoring & Recovery - PNR - Mansfield Monitoring & Operating Room Other MOP	Griffin, Mary Jo (griffin); low, Stewart (MITS-SWL3); Zaken, Elad (MITS-EI2)
27158ZDV2	NZ	597897	597897	1598	09/29/2004	09/09/2005	12/11/2012	09/09/2025	Disional	Active	Issued	Confiden LP	Confiden LP	Intracatheter Pressure Catheter Interface Cable System	Patient Monitoring & Recovery - PNR - Mansfield Monitoring & Operating Room Other MOP	Griffin, Mary Jo (griffin); low, Stewart (MITS-SWL3); Zaken, Elad (MITS-EI2)
27158US	US	10/952942	8491503	20060073728	09/29/2004	09/29/2004	07/23/2013	06/19/2028	Utility	Active	Issued	Confiden LP	Confiden LP	INTRACATHETER PRESSURE CATHETER INTERFACE CABLE SYSTEM	Patient Monitoring & Recovery - PNR - Mansfield Monitoring & Operating Room Other MOP	Griffin, Mary Jo (griffin); low, Stewart (MITS-SWL3); Zaken, Elad (MITS-EI2)
H-KN-00215DE	DE	07253203.9	60.2007.003.906.1	1801997	08/21/2006	08/15/2007	12/23/2008	08/15/2027	National Stage	Active	Issued	Confiden LP	Confiden LP	Compliant Guard for Use with an Aspiration Instrument	Patient Monitoring & Recovery - PNR - Mansfield Monitoring & Operating Room Other MOP	Guerrero, Mark (MITS-MGS); Callahan, Mark (MITS-MC)
H-KN-00215FR	FR	07253203.9	1801997	1801997	08/21/2006	08/15/2007	12/23/2008	08/15/2027	National Stage	Active	Issued	Confiden LP	Confiden LP	Compliant Guard for Use with an Aspiration Instrument	Patient Monitoring & Recovery - PNR - Mansfield Monitoring & Operating Room Other MOP	Guerrero, Mark (MITS-MGS); Callahan, Mark (MITS-MC)
H-KN-00215GB	GB	07253203.9	1801997	1801997	08/21/2006	08/15/2007	12/23/2008	08/15/2027	National Stage	Active	Issued	Confiden LP	Confiden LP	Compliant Guard for Use with an Aspiration Instrument	Patient Monitoring & Recovery - PNR - Mansfield Monitoring & Operating Room Other MOP	Guerrero, Mark (MITS-MGS); Callahan, Mark (MITS-MC)
H-KN-00215JP	JP	2007.213167	5410662	2008.49161	08/21/2006	08/17/2007	11/15/2013	08/17/2027	Utility	Active	Issued	Confiden LP	Confiden LP	Compliant Guard for Use with an Aspiration Instrument	Patient Monitoring & Recovery - PNR - Mansfield Monitoring & Operating Room Other MOP	Guerrero, Mark (MITS-MGS); Callahan, Mark (MITS-MC)
H-KN-00215US	US	11/507212	7918835	20080065885	08/21/2006	08/21/2006	04/05/2011	11/22/2026	Utility	Active	Issued	Confiden LP	Confiden LP	Compliant Guard for Use with an Aspiration Instrument	Patient Monitoring & Recovery - PNR - Mansfield Monitoring & Operating Room Other MOP	Guerrero, Carlos (guarct0); Callahan, Mark (MITS-MC)
H-KN-01365US	US	20/364740	DE16940		11/05/2009	11/05/2009	06/01/2010	06/01/2024	Design	Active	Issued	Confiden LP	Confiden LP	Tap Dispenser	Patient Monitoring & Recovery - PNR - Mansfield Wound Care - Other Wound Care	Guerrero, Carlos (guarct0); Guerrero, Wilema (guarw1, Core Steven (corez2)
35063901	US	20/500604	0778059		03/16/2015	03/16/2015	11/29/2016	11/29/2030	Design	Active	Issued	Confiden LP	Confiden LP	Sutural Wound Dressing	Patient Monitoring & Recovery - PNR - Mansfield Traditional Wound Care - General	Guerrero, Carlos (guarct0); Kanchigari, Anand (MITS-AK)
350107106US	US	15/4111524			01/22/2016	01/20/2017			Utility	Active	Filed	Confiden LP	Confiden LP	Absorbent Articles Including Silicone	Patient Monitoring & Recovery - PNR - Mansfield Traditional Wound Care - General	Guerrero, Carlos (guarct0); Kanchigari, Anand (MITS-AK)
350124106US	US	15/4111477			01/22/2016	01/20/2017			Utility	Active	Filed	Confiden LP	Confiden LP	Absorbent Articles With Non-Adherent Member	Patient Monitoring & Recovery - PNR - Mansfield Wound Care - Traditional Wound Care - Non-Adherent	Guerrero, Carlos (guarct0); Kanchigari, Anand (MITS-AK)

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H-KN-00507/MX	MX	MX/4/2010/009397	313249		09/10/2009	08/26/2010	09/12/2013	08/26/2030	Utility	Active	Issued	Coriden LP	Coriden LP	Compact Peristaltic Medical Pump	Patient Monitoring & Recovery - PMR - Mansfield	Harr, James (harr.1)
H-KN-00507/US	US	12/557351	8241038	20110060784	09/10/2009	09/10/2009	08/14/2012	06/18/2030	Utility	Active	Issued	Coriden LP	Coriden LP	Compact Peristaltic Medical Pump	Patient Monitoring & Recovery - PMR - Mansfield	Harr, James (harr.1)
H-KN-00507/US	US	13/54914	8882481	20120269655	09/10/2009	07/03/2012	11/14/2014	08/06/2030	Continuation	Active	Issued	Coriden LP	Coriden LP	Compact Peristaltic Medical Pump	Patient Monitoring & Recovery - PMR - Mansfield	Harr, James (harr.1)
H-KN-01111/CN	CN	201010145889.1	Z201010145889.1	CN101822869A	02/19/2009	02/11/2010	02/19/2010	02/11/2030	Utility	Active	Issued	Coriden LP	Coriden LP	MANUAL VALVE ACTUATOR FOR MEDICAL FLUID DELIVERY SET	Patient Monitoring & Recovery - PMR - Mansfield	Harr, James (harr.1)
H-KN-01111/H	H	1001000231		109230	02/19/2009	02/15/2010			Utility	Active	Published	Coriden LP	Coriden LP	MANUAL VALVE ACTUATOR FOR MEDICAL FLUID DELIVERY SET	Patient Monitoring & Recovery - PMR - Mansfield	Harr, James (harr.1)
H-KN-02875/ALN2	AL	2014328970			09/24/2013	09/24/2014			National Stage	Active	Filed	Coriden LP	Coriden LP	Feeding Set and Enteral Feeding Pump	Patient Monitoring & Recovery - PMR - Mansfield	Harr, James (harr.1)
H-KN-02875/CAN3	CA	2925086			09/24/2013	09/24/2014			National Stage	Active	Filed	Coriden LP	Coriden LP	Feeding Set and Enteral Feeding Pump	Patient Monitoring & Recovery - PMR - Mansfield	Harr, James (harr.1)
H-KN-02875/CN4	CN	201480052200.X		CN105579089A	09/24/2013	09/24/2014			National Stage	Active	Published	Coriden LP	Coriden LP	Feeding Set and Enteral Feeding Pump	Patient Monitoring & Recovery - PMR - Mansfield	Harr, James (harr.1)
H-KN-02875/EPN6	EP	14780738.2		EP3049127	09/24/2013	09/24/2014			National Stage	Active	Published	Coriden LP	Coriden LP	Feeding Set and Enteral Feeding Pump	Patient Monitoring & Recovery - PMR - Mansfield	Harr, James (harr.1)
H-KN-02875/MXN5	MX	MX/4/2016/003426			09/24/2013	09/24/2014			National Stage	Active	Filed	Coriden LP	Coriden LP	Feeding Set and Enteral Feeding Pump	Patient Monitoring & Recovery - PMR - Mansfield	Harr, James (harr.1)
H-KN-02875/SUS1	US	14/49493		20150086058	09/24/2013	09/24/2014			Utility	Active	Published	Coriden LP	Coriden LP	Feeding Set and Enteral Feeding Pump	Patient Monitoring & Recovery - PMR - Mansfield	Harr, James (harr.1)
H-KN-01111/EP	EP	1015396.9		2211084	02/19/2009	02/18/2010			Utility	Active	Published	Coriden LP	Coriden LP	MANUAL VALVE ACTUATOR FOR MEDICAL FLUID DELIVERY SET	Patient Monitoring & Recovery - PMR - Mansfield	Harr, James (harr.1)
H-KN-01111/KR	KR	10-2010-0014492	10-1674684	1020100094950	02/19/2009	02/18/2010	11/03/2016	02/18/2030	Utility	Active	Issued	Coriden LP	Coriden LP	MANUAL VALVE ACTUATOR FOR MEDICAL FLUID DELIVERY SET	Patient Monitoring & Recovery - PMR - Mansfield	Harr, James (harr.1)
H-KN-01111/US	US	12/739119	914243	20100211022	02/19/2009	02/19/2009	08/25/2015	04/28/2032	Utility	Active	Issued	Coriden LP	Coriden LP	Manual Valve Actuator for Medical Fluid Delivery Set	Patient Monitoring & Recovery - PMR - Mansfield	Harr, James (harr.1)
H-KN-00012/CN	CN	220810184928.A	200810184928	CN101474066A	12/31/2007	12/23/2008	11/16/2011	12/23/2028	Utility	Active	Issued	Coriden LP	Coriden LP	Thermometer Having Molded Probe Component	Patient Monitoring & Recovery - PMR - Mansfield	Harr, James (harr.1)
H-KN-00012/E01	DE	08169983.7	2075559		12/31/2007	11/26/2008	10/15/2014	11/26/2028	National Stage	Active	Issued	Coriden LP	Coriden LP	Thermometer Having Molded Probe Component	Patient Monitoring & Recovery - PMR - Mansfield	Harr, James (harr.1)
H-KN-00012/R01	FR	08169983.7	2075559		12/31/2007	11/26/2008	10/15/2014	11/26/2028	National Stage	Active	Issued	Coriden LP	Coriden LP	Thermometer Having Molded Probe Component	Patient Monitoring & Recovery - PMR - Mansfield	Harr, James (harr.1)
H-KN-00012G801	GB	08169983.7	2075559		12/31/2007	11/26/2008	10/15/2014	11/26/2028	National Stage	Active	Issued	Coriden LP	Coriden LP	Thermometer Having Molded Probe Component	Patient Monitoring & Recovery - PMR - Mansfield	Harr, James (harr.1)
H-KN-00012J2P	JP	2008-3239729	5148468	2009-162752	12/31/2007	12/24/2008	12/07/2012	12/24/2028	Utility	Active	Issued	Coriden LP	Coriden LP	Thermometer Having Molded Probe Component	Patient Monitoring & Recovery - PMR - Mansfield	Harr, James (harr.1)
27137DE	DE	01918870.5	601_08 613.9	1265526	03/21/2000	03/20/2001	12/16/2004	03/20/2021	National Stage	Active	Issued	Coriden LP	Coriden LP	FETAL SPIRAL ELECTRODE SLEEVE AND WIRE	Patient Monitoring & Recovery - PMR - Mansfield	Harr, James (harr.1)
27137ES	ES	01918870.5	2236205	1265526	03/21/2000	03/20/2001	12/16/2004	03/20/2021	National Stage	Active	Issued	Coriden LP	Coriden LP	FETAL SPIRAL ELECTRODE SLEEVE AND WIRE	Patient Monitoring & Recovery - PMR - Mansfield	Harr, James (harr.1)
27137FR	FR	01918870.5	1265526	1265526	03/21/2000	03/20/2001	12/16/2004	03/20/2021	National Stage	Active	Issued	Coriden LP	Coriden LP	FETAL SPIRAL ELECTRODE SLEEVE AND WIRE	Patient Monitoring & Recovery - PMR - Mansfield	Harr, James (harr.1)
27137GB	GB	01918870.5	1265526	1265526	03/21/2000	03/20/2001	12/16/2004	03/20/2021	National Stage	Active	Issued	Coriden LP	Coriden LP	FETAL SPIRAL ELECTRODE SLEEVE AND WIRE	Patient Monitoring & Recovery - PMR - Mansfield	Harr, James (harr.1)
27137IT	IT	01918870.5	1265526	1265526	03/21/2000	03/20/2001	12/16/2004	03/20/2021	National Stage	Active	Issued	Coriden LP	Coriden LP	FETAL SPIRAL ELECTRODE SLEEVE AND WIRE	Patient Monitoring & Recovery - PMR - Mansfield	Harr, James (harr.1)

Reference #	Country	App #	Patent #	Priority Date	App Date	Issue Date	Expiration Date	Active Sub-System	Status	Sub-System	Current Owner	Assignee	Title	Business Classification	Inventors
221371US	US	09/732759	6311103	08/17/2000	08/17/2000	11/29/2011	03/21/2020	Utility	Active	Issued	Confiden LP	Confiden LP	FETAL SPINAL ELECTRODE SLEEVE AND WIRE INTERCONNECT SYSTEM	Patient Monitoring & Recovery - PMR - Mansfield Monitoring & Operating Room Other MOPR	Hulse, Susan (MITG-821); Mather, James Francis (MITG-1429); O'Neill, Joseph (MITG-170); Gramann, Robert (MITG-862); Dowd, Edward (MITG-824)
181X1CA	CA	2380767	2380767	09/07/1999	09/07/2000	01/11/2011	09/07/2020	National Stage	Active	Issued	Confiden LP	Confiden LP	CELL GROWTH SUBSTRATE	Patient Monitoring & Recovery - PMR - Mansfield Wound Care Advanced Wound Care Other Advanced Wound Care	HEALY, DAVID (MITG-DH-3); GILCHRIST, THOMAS (MITG-TC2)
181X1G32	GB	00058809.6	1210409	09/07/1999	09/07/2000	11/29/2006	09/07/2020	National Stage	Active	Issued	Confiden LP	Confiden LP	CELL GROWTH SUBSTRATE	Patient Monitoring & Recovery - PMR - Mansfield Wound Care Advanced Wound Care Other Advanced Wound Care	HEALY, DAVID (MITG-DH-3); GILCHRIST, THOMAS (MITG-TC2)
353726US1	US							Provisional	Active	Draft	Confiden LP	Confiden LP	Non-homogeneous Fluid Recognition and Occlusion Detection Algorithm	Patient Monitoring & Recovery - PMR - Mansfield Nutritional Care Enteral Feeding	Heldtke, Eric (Heldtke3); Hudson, Joseph (Hudson8)
H-KN-02198US	US	13/724961	8949065	09/30/2011	09/30/2011	02/03/2015	01/15/2033	Utility	Active	Issued	Confiden LP	Confiden LP	Capacitive Sensor For Thermometer Probe	Patient Monitoring & Recovery - PMR - Mansfield Thermometry Other Thermometry	Heldtke, Eric (Heldtke3); Hudson, Joseph (Hudson8)
H-KN-02919A1U4	AU	2014312147		08/30/2013	08/29/2014			National Stage	Active	Filed	Confiden LP	Confiden LP	Enteral Feeding Pump with Pump Set Flushing and Flow Compensation	Patient Monitoring & Recovery - PMR - Mansfield Nutritional Care Enteral Feeding	Heldtke, Eric (Heldtke3); Justen, Michael (MITG-MJ2)
H-KN-02919CAN2	CA	2922245		08/30/2013	08/29/2014			National Stage	Active	Filed	Confiden LP	Confiden LP	ENTERAL FEEDING PUMP WITH PUMP SET FLUSHING AND FLOW COMPENSATION	Patient Monitoring & Recovery - PMR - Mansfield Nutritional Care Enteral Feeding	Heldtke, Eric (Heldtke3); Justen, Michael (MITG-MJ2)
H-KN-02919CN3	CN	201480047200.0		08/30/2013	08/29/2014			National Stage	Active	Published	Confiden LP	Confiden LP	ENTERAL FEEDING PUMP WITH PUMP SET FLUSHING AND FLOW COMPENSATION	Patient Monitoring & Recovery - PMR - Mansfield Nutritional Care Enteral Feeding	Heldtke, Eric (Heldtke3); Justen, Michael (MITG-MJ2)
H-KN-02919EPN5	EP	1476688.7		08/30/2013	08/29/2014			National Stage	Active	Published	Confiden LP	Confiden LP	Enteral Feeding Pump with Pump Set Flushing and Flow Compensation	Patient Monitoring & Recovery - PMR - Mansfield Nutritional Care Enteral Feeding	Heldtke, Eric (Heldtke3); Justen, Michael (MITG-MJ2)
H-KN-02919US1	US	14/472521	20150065986	08/30/2013	08/29/2014			Utility	Active	Published	Confiden LP	Confiden LP	Feeding Rate Compensated Pump and Related Methods Therefor	Patient Monitoring & Recovery - PMR - Mansfield Nutritional Care Enteral Feeding	Heldtke, Eric (Heldtke3); Justen, Michael (MITG-MJ2)
H-KN-02199EP	EP	12183786.7	2574888	09/30/2011	09/11/2012			Utility	Active	Published	Confiden LP	Confiden LP	IR Sensor For Electronic Thermometer	Patient Monitoring & Recovery - PMR - Mansfield Thermometry Other Thermometry	Heldtke, Eric (Heldtke3); Lewis, Thomas (Lewis7)
H-KN-02199US	US	13/7249636	8232500	09/30/2011	09/30/2011	10/23/2012	09/30/2031	Utility	Active	Issued	Confiden LP	Confiden LP	IR Sensor For Electronic Thermometer	Patient Monitoring & Recovery - PMR - Mansfield Thermometry Other Thermometry	Heldtke, Eric (Heldtke3); Lewis, Thomas (Lewis7)
H-KN-02199US1	US	13/613842	8629013	09/30/2011	10/16/2012	01/07/2014	09/30/2031	Continuation	Active	Issued	Confiden LP	Confiden LP	IR Sensor For Electronic Thermometer	Patient Monitoring & Recovery - PMR - Mansfield Thermometry Other Thermometry	Heldtke, Eric (Heldtke3); Lewis, Thomas (Lewis7)
H-KN-00445US	US	11/903582	7665150	09/24/2007	09/24/2007	02/23/2010	11/30/2027	Utility	Active	Issued	Confiden LP	Confiden LP	Double Clipped Chemotherapy Gloves	Patient Monitoring & Recovery - PMR - Mansfield Monitoring & Operating Room Other MOPR	Holley, Steven (MITG-SA1)
H-KN-00988US	US	12/385422	7866071	02/04/2009	02/04/2009	01/11/2011	03/08/2029	Utility	Active	Issued	Confiden LP	Confiden LP	Medical System with Skin Applicator	Patient Monitoring & Recovery - PMR - Mansfield Monitoring & Operating Room Other MOPR	Holley, Steven (MITG-SA1); Callahan, Mark (MITG-MJC)
H-KN-02202EP	EP	12768994.1		09/26/2011	09/25/2012			National Stage	Active	Published	Confiden LP	Confiden LP	Safety Catheter	Patient Monitoring & Recovery - PMR - Mansfield Access/Pre-fill	Holley, Steven (MITG-SA1); Finnestad, Mark (MITG-MB2)
H-KN-02202US1	US	13/615957	8628497	09/26/2011	09/25/2012	01/14/2014	09/25/2032	Utility	Active	Issued	Confiden LP	Confiden LP	Safety Catheter	Patient Monitoring & Recovery - PMR - Mansfield Intravenous Access/Pre-fill Other Intravenous Access/Pre-fill	Holley, Steven (MITG-SA1); Finnestad, Mark (MITG-MB2)
704ULUS	US	09/981167	6898465	20030074042	10/17/2001	05/24/2005	01/22/2023	Utility	Active	Issued	Confiden LP	Confiden LP	Differential Gel Body For A Medical Stimulation Electrode	Patient Monitoring & Recovery - PMR - Mansfield Monitoring & Operating Room Other MOPR	Holland, Warren (MITG-WH10); Gaddy, Peter (MITG-PGG)
3537271US2	US	15/141913		US 2016-0302029 A1	04/29/2015			Utility	Active	Published	Confiden LP	Confiden LP	Detection of Malfunction of Flow Monitoring System of Flow Control Apparatus	Patient Monitoring & Recovery - PMR - Mansfield Monitoring & Operating Room Other MOPR	Hudson, Joseph (Hudson8)
3537271WO3	WO	PC/US2016/029925		WO 2016/176521	04/29/2015			Utility	Active	Published	Confiden LP	Confiden LP	Detection of Malfunction of Flow Monitoring System of Flow Control Apparatus	Patient Monitoring & Recovery - PMR - Mansfield Nutritional Care Enteral Feeding	Hudson, Joseph (Hudson8)
H-KN-02871US1	US	14/818387		US 2016-0045400 A1	08/12/2014			Utility	Active	Published	Confiden LP	Confiden LP	DOWNSTREAM FLOW DETECTION SYSTEM FOR FLOW CONTROL APPARATUS	Patient Monitoring & Recovery - PMR - Mansfield Nutritional Care Enteral Feeding	Hudson, Joseph (Hudson8)
H-KN-02925A1U2	AU	2015292569		07/25/2014	07/23/2015			National Stage	Active	Filed	Confiden LP	Confiden LP	FLOW DETECTION SYSTEM FOR FLOW CONTROL APPARATUS	Patient Monitoring & Recovery - PMR - Mansfield Nutritional Care Enteral Feeding	Hudson, Joseph (Hudson8)
H-KN-02925CAN3	CA	AMALTING		07/25/2014	07/23/2015			National Stage	Active	Filed	Confiden LP	Confiden LP	FLOW DETECTION SYSTEM FOR FLOW CONTROL APPARATUS	Patient Monitoring & Recovery - PMR - Mansfield Nutritional Care Enteral Feeding	Hudson, Joseph (Hudson8)
H-KN-02925EPN5	EP	15/21897.5		07/25/2014	07/23/2015			National Stage	Active	Filed	Confiden LP	Confiden LP	FLOW DETECTION SYSTEM FOR FLOW CONTROL APPARATUS	Patient Monitoring & Recovery - PMR - Mansfield Nutritional Care Enteral Feeding	Hudson, Joseph (Hudson8)

Reference #	Country	App #	Patent #	Pub #	Priority Date	App Date	Invent Date	Expiration Date	Active Sub-Stage	Stage	Sub-Status	Current Owner	Assignee	Title	Business Classification	Inventors
H-KN-02925-IPM4	JP	2017-503837			07/25/2014	07/23/2015			National Stage	Active	Filed	Confiden IP	Confiden IP	FLOW DETECTION SYSTEM FOR FLOW CONTROL	Patient Monitoring & Recovery - PMR - Mansfield	Hudson, Joseph (hudsonj)
H-KN-02925-ISO1	US	14/892695		US-2016-002546-A1	07/25/2014	07/23/2015			Utility	Active	Published	Confiden IP	Confiden IP	FLOW DETECTION SYSTEM FOR FLOW CONTROL	Patient Monitoring & Recovery - PMR - Mansfield	Hudson, Joseph (hudsonj)
H-KN-02925-MO01	WO	PC/US2015/041696		WO/2016/014768	07/25/2014	07/23/2015		02/25/2017	Utility	Active	Published	Confiden IP	Confiden IP	FLOW DETECTION SYSTEM FOR FLOW CONTROL	Patient Monitoring & Recovery - PMR - Mansfield	Hudson, Joseph (hudsonj)
H-KN-03066-ISO2	US	14/882747		US-2016-0106630-A1	10/15/2014	10/14/2015			Utility	Active	Published	Confiden IP	Confiden IP	Occlusion Detection for Flow Control Apparatus	Patient Monitoring & Recovery - PMR - Mansfield	Hudson, Joseph (hudsonj)
H-KN-03066-MO02	WO	PC/US2015/054586		WO/2016/061194	10/15/2014	10/14/2015		05/15/2017	Utility	Active	Published	Confiden IP	Confiden IP	Occlusion Detection for Flow Control Apparatus	Patient Monitoring & Recovery - PMR - Mansfield	Hudson, Joseph (hudsonj)
27010-US	US	08/963075	5947285		11/15/1996	11/12/1997	09/07/1999	11/12/2017	Utility	Active	Issued	Confiden IP	Confiden IP	MEDICAL WASTE DISPOSAL CONTAINER	Patient Monitoring & Recovery - PMR - Mansfield	Grusakov, Ippay (MTRG-RS); Gaba, Rodolfo (MTRG-RS1); Mgrl, Michl, Brian (MTRG-RMS); Marsh, Gordon (MTRG-RMR); Ruane (MTRG-RS2); Gaba, Rodolfo (MTRG-RS1); Grusakov, Ippay (MTRG-RS); Griffin, Michael (MTRG-MGR); Marsh, Gordon (MTRG-RM)
27002-US	US	09/087456	5918762		05/28/1998	05/28/1998	07/06/1999	05/28/2018	Utility	Active	Issued	Confiden IP	Confiden IP	CONTAINER INSTALLING SYSTEM	Patient Monitoring & Recovery - PMR - Mansfield	
H-KN-00233-AU	AU	2006/95443	2006/95443		09/22/2005	09/22/2006	12/11/2012	09/22/2026	National Stage	Active	Issued	Confiden IP	Confiden IP	Needle Retraction Structure	Patient Monitoring & Recovery - PMR - Mansfield	Jones, Scott (jonesdc); CLARK, GEORGE (MTRG-GCS)
H-KN-00233-BR	BR	P1061610-0		2109	09/22/2005	09/22/2006			National Stage	Active	Published	Confiden IP	Confiden IP	Needle Retraction Structure	Patient Monitoring & Recovery - PMR - Mansfield	Jones, Scott (jonesdc); CLARK, GEORGE (MTRG-GCS)
H-KN-00233-CA	CA	2621433	2621433		09/22/2005	09/22/2006	11/18/2014	09/22/2026	National Stage	Active	Issued	Confiden IP	Confiden IP	Needle Retraction Structure	Patient Monitoring & Recovery - PMR - Mansfield	Jones, Scott (jonesdc); CLARK, GEORGE (MTRG-GCS)
H-KN-00233-CN	CN	20060034926.6	20060034926.6	CN10126785A	09/22/2005	09/22/2006	01/24/2011	09/22/2026	National Stage	Active	Issued	Confiden IP	Confiden IP	Needle Retraction Structure	Patient Monitoring & Recovery - PMR - Mansfield	Jones, Scott (jonesdc); CLARK, GEORGE (MTRG-GCS)
H-KN-00233-DE	DE	06804064.1	6020804721.4		09/22/2005	09/22/2006	11/18/2015	09/22/2026	National Stage	Active	Issued	Confiden IP	Confiden IP	Needle Retraction Structure	Patient Monitoring & Recovery - PMR - Mansfield	Jones, Scott (jonesdc); CLARK, GEORGE (MTRG-GCS)
H-KN-00233-EP	EP	06804064.1	1933904	EP1933904	09/22/2005	09/22/2006	11/11/2015	09/22/2026	National Stage	Active	Issued	Confiden IP	Confiden IP	Needle Retraction Structure	Patient Monitoring & Recovery - PMR - Mansfield	Jones, Scott (jonesdc); CLARK, GEORGE (MTRG-GCS)
H-KN-00233-FR	FR	06804064.1	1933904		09/22/2005	09/22/2006	11/11/2015	09/22/2026	National Stage	Active	Issued	Confiden IP	Confiden IP	Needle Retraction Structure	Patient Monitoring & Recovery - PMR - Mansfield	Jones, Scott (jonesdc); CLARK, GEORGE (MTRG-GCS)
H-KN-00233-GB	GB	06804064.1	1933904		09/22/2005	09/22/2006	11/11/2015	09/22/2026	National Stage	Active	Issued	Confiden IP	Confiden IP	Needle Retraction Structure	Patient Monitoring & Recovery - PMR - Mansfield	Jones, Scott (jonesdc); CLARK, GEORGE (MTRG-GCS)
H-KN-00233-IN	IN	2358/DEL/2008			09/22/2005	09/22/2006			National Stage	Active	Filed	Confiden IP	Confiden IP	Needle Retraction Structure	Patient Monitoring & Recovery - PMR - Mansfield	Jones, Scott (jonesdc); CLARK, GEORGE (MTRG-GCS)
H-KN-00233-JP	JP	2008-532432	5221354	2009-509581	09/22/2005	09/22/2006	03/15/2013	09/22/2026	National Stage	Active	Issued	Confiden IP	Confiden IP	Needle Retraction Structure	Patient Monitoring & Recovery - PMR - Mansfield	Jones, Scott (jonesdc); CLARK, GEORGE (MTRG-GCS)
H-KN-00233-MX	MX	MX/A/2008/003699	289345		09/22/2005	09/22/2006	08/16/2011	09/22/2026	National Stage	Active	Issued	Confiden IP	Confiden IP	Needle Retraction Structure	Patient Monitoring & Recovery - PMR - Mansfield	Jones, Scott (jonesdc); CLARK, GEORGE (MTRG-GCS)
H-KN-00233-US1	US	11/525377	7611486	20070066960	09/22/2005	09/22/2006	11/03/2009	11/08/2027	Utility	Active	Issued	Confiden IP	Confiden IP	Needle Retraction Structure	Patient Monitoring & Recovery - PMR - Mansfield	Jones, Scott (jonesdc); CLARK, GEORGE (MTRG-GCS)
H-KN-00233-AU	AU	2006/95444	2006/95444		09/22/2005	09/22/2006	04/28/2012	09/22/2026	National Stage	Active	Issued	Confiden IP	Confiden IP	Manually Retracted Safety Needle with Rigid Wing Structure	Patient Monitoring & Recovery - PMR - Mansfield	Jones, Scott (jonesdc); CLARK, GEORGE (MTRG-GCS)
H-KN-00233-BR	BR	P10616255-7		2110	09/22/2005	09/22/2006			National Stage	Active	Published	Confiden IP	Confiden IP	Manually Retracted Safety Needle with Rigid Wing Structure	Patient Monitoring & Recovery - PMR - Mansfield	Jones, Scott (jonesdc); CLARK, GEORGE (MTRG-GCS)
H-KN-00233-CA	CA	2622109	2622109		09/22/2005	09/22/2006	07/14/2015	09/22/2026	National Stage	Active	Issued	Confiden IP	Confiden IP	Manually Retracted Safety Needle with Rigid Wing Structure	Patient Monitoring & Recovery - PMR - Mansfield	Jones, Scott (jonesdc); CLARK, GEORGE (MTRG-GCS)
H-KN-00233-CN	CN	20060038736.1	20060038736.1	CN101339937A	09/22/2005	09/22/2006	03/30/2012	09/22/2026	National Stage	Active	Issued	Confiden IP	Confiden IP	Manually Retracted Safety Needle with Rigid Wing Structure	Patient Monitoring & Recovery - PMR - Mansfield	Jones, Scott (jonesdc); CLARK, GEORGE (MTRG-GCS)
H-KN-00233-EP	EP	06804065.8		EP19293970	09/22/2005	09/22/2006			National Stage	Active	Allowed	Confiden IP	Confiden IP	Manually Retracted Safety Needle with Rigid Wing Structure	Patient Monitoring & Recovery - PMR - Mansfield	Jones, Scott (jonesdc); CLARK, GEORGE (MTRG-GCS)

Reference #	Country	App #	Patent #	Pub #	Priority Date	App Date	Issue Date	Expiration Date	Active Sub-Stage	Stage	Sub-Status	Current Owner	Assignee	Title	Business Classification	Inventors
H-KN-002571N	N	2292/DE-1NP/2006			09/22/2005	09/22/2006			National Stage	Active	Published	Corviden LP	Corviden LP	Manually Retracted Safety Needle with Rigid Wing Structure	Patent Monitoring & Recovery - PMR - Mansfield	Jones, Scott (jones46); CLARK, GEORGE (LMTG-GC3)
H-KN-002571MX	MX	MX/4/2006/003708	809470		09/22/2005	09/22/2006	05/09/2013	09/22/2026	National Stage	Active	Issued	Corviden LP	Corviden LP	Manually Retracted Safety Needle with Rigid Wing Structure	Patent Monitoring & Recovery - PMR - Mansfield	Jones, Scott (jones46); CLARK, GEORGE (LMTG-GC3)
H-KN-002571S1	US	11/575623	8519473	2007-0088262	09/22/2005	09/22/2006	11/26/2013	04/28/2030	Utility	Active	Issued	Corviden LP	Corviden LP	Manually Retracted Safety Needle with Rigid Wing Structure	Patent Monitoring & Recovery - PMR - Mansfield	Jones, Scott (jones46); CLARK, GEORGE (LMTG-GC3)
H-KN-002584U	AU	20060292108	20060292108		09/22/2005	09/22/2006	11/45/2012	09/22/2026	National Stage	Active	Issued	Corviden LP	Corviden LP	Non-Axial Recum Spring for Safety Needle	Patent Monitoring & Recovery - PMR - Mansfield	Jones, Scott (jones46); CLARK, GEORGE (LMTG-GC3)
H-KN-002584UDV	AU	2012208736	2012208736		09/22/2005	09/22/2006	04/30/2015	09/22/2026	Divisional	Active	Issued	Corviden LP	Corviden LP	Non-Axial Recum Spring for Safety Needle	Patent Monitoring & Recovery - PMR - Mansfield	Jones, Scott (jones46); CLARK, GEORGE (LMTG-GC3)
H-KN-002588R	BR	P10616379-3		2111	09/22/2005	09/22/2006			National Stage	Active	Published	Corviden LP	Corviden LP	Non-Axial Recum Spring for Safety Needle	Patent Monitoring & Recovery - PMR - Mansfield	Jones, Scott (jones46); CLARK, GEORGE (LMTG-GC3)
H-KN-00258CA	CA	2622985	2622985		09/22/2005	09/22/2006	06/17/2014	09/22/2026	National Stage	Active	Issued	Corviden LP	Corviden LP	Non-Axial Recum Spring for Safety Needle	Patent Monitoring & Recovery - PMR - Mansfield	Jones, Scott (jones46); CLARK, GEORGE (LMTG-GC3)
H-KN-00258CN	CN	200680042298.6	0680042298	CN101304774A	09/22/2005	09/22/2006	05/18/2011	09/22/2026	National Stage	Active	Issued	Corviden LP	Corviden LP	Non-Axial Recum Spring for Safety Needle	Patent Monitoring & Recovery - PMR - Mansfield	Jones, Scott (jones46); CLARK, GEORGE (LMTG-GC3)
H-KN-00258EP	EP	06815355.0		EP1926513	09/22/2005	09/22/2006			National Stage	Active	Published	Corviden LP	Corviden LP	Non-Axial Recum Spring for Safety Needle	Patent Monitoring & Recovery - PMR - Mansfield	Jones, Scott (jones46); CLARK, GEORGE (LMTG-GC3)
H-KN-00258IN	N	2440/DE-1NP/2006			09/22/2005	09/22/2006			National Stage	Active	Published	Corviden LP	Corviden LP	Non-Axial Recum Spring for Safety Needle	Patent Monitoring & Recovery - PMR - Mansfield	Jones, Scott (jones46); CLARK, GEORGE (LMTG-GC3)
H-KN-00258JP	JP	2008-337481	5080477	2009-509587	09/22/2005	09/22/2006	09/07/2012	09/22/2026	National Stage	Active	Issued	Corviden LP	Corviden LP	Non-Axial Recum Spring for Safety Needle	Patent Monitoring & Recovery - PMR - Mansfield	Jones, Scott (jones46); CLARK, GEORGE (LMTG-GC3)
H-KN-00258KR	KR	10-2008-709456	10-1323548		09/22/2005	09/22/2006	10/29/2013	09/22/2026	National Stage	Active	Issued	Corviden LP	Corviden LP	Non-Axial Recum Spring for Safety Needle	Patent Monitoring & Recovery - PMR - Mansfield	Jones, Scott (jones46); CLARK, GEORGE (LMTG-GC3)
H-KN-00258MX	MX	MX/4/2008/003837	286340		09/22/2005	09/22/2006	05/06/2011	09/22/2026	National Stage	Active	Issued	Corviden LP	Corviden LP	Non-Axial Recum Spring for Safety Needle	Patent Monitoring & Recovery - PMR - Mansfield	Jones, Scott (jones46); CLARK, GEORGE (LMTG-GC3)
H-KN-00258US1	US	11/593315	7824378	20070088772	09/22/2005	09/22/2006	11/09/2010	09/21/2029	Utility	Active	Issued	Corviden LP	Corviden LP	Non-Axial Recum Spring for Safety Needle	Patent Monitoring & Recovery - PMR - Mansfield	Jones, Scott (jones46); CLARK, GEORGE (LMTG-GC3)
H-KN-00258US2	US	12/886739	9005167	20110009832	09/22/2005	09/21/2010	04/14/2015	02/14/2030	Divisional	Active	Issued	Corviden LP	Corviden LP	Non-Axial Recum Spring for Safety Needle	Patent Monitoring & Recovery - PMR - Mansfield	Jones, Scott (jones46); CLARK, GEORGE (LMTG-GC3)
H-KN-00259 DEH3	DE	06825104.0	1926516	EP1926516	09/22/2005	09/22/2006	12/21/2016	09/22/2026	National Stage	Active	Issued	Corviden LP	Corviden LP	Safety Needle with Lockout Mechanism	Patent Monitoring & Recovery - PMR - Mansfield	Jones, Scott (jones46); CLARK, GEORGE (LMTG-GC3)
H-KN-00259 FRN4	FR	06825104.0	1926516	EP1926516	09/22/2005	09/22/2006	12/21/2016	09/22/2026	National Stage	Active	Issued	Corviden LP	Corviden LP	Safety Needle with Lockout Mechanism	Patent Monitoring & Recovery - PMR - Mansfield	Jones, Scott (jones46); CLARK, GEORGE (LMTG-GC3)
H-KN-00259 G8H5	GB	06825104.0	1926516	EP1926516	09/22/2005	09/22/2006	12/21/2016	09/22/2026	National Stage	Active	Issued	Corviden LP	Corviden LP	Safety Needle with Lockout Mechanism	Patent Monitoring & Recovery - PMR - Mansfield	Jones, Scott (jones46); CLARK, GEORGE (LMTG-GC3)
H-KN-00259AU	AU	20060292107	20060292107		09/22/2005	09/22/2006	03/07/2013	09/22/2026	National Stage	Active	Issued	Corviden LP	Corviden LP	Safety Needle with Lockout Mechanism	Patent Monitoring & Recovery - PMR - Mansfield	Jones, Scott (jones46); CLARK, GEORGE (LMTG-GC3)
H-KN-00259R	BR	P10616395-5		2111	09/22/2005	09/22/2006			National Stage	Active	Published	Corviden LP	Corviden LP	Safety Needle with Lockout Mechanism	Patent Monitoring & Recovery - PMR - Mansfield	Jones, Scott (jones46); CLARK, GEORGE (LMTG-GC3)
H-KN-00259CA	CA	2622887	2622887		09/22/2005	09/22/2006	11/18/2014	09/22/2026	National Stage	Active	Issued	Corviden LP	Corviden LP	Safety Needle with Lockout Mechanism	Patent Monitoring & Recovery - PMR - Mansfield	Jones, Scott (jones46); CLARK, GEORGE (LMTG-GC3)
H-KN-00259CN	CN	200680042317.5	200680042317	CN101309714A	09/22/2005	09/22/2006	09/10/2011	09/22/2026	National Stage	Active	Issued	Corviden LP	Corviden LP	Safety Needle with Lockout Mechanism	Patent Monitoring & Recovery - PMR - Mansfield	Jones, Scott (jones46); CLARK, GEORGE (LMTG-GC3)
H-KN-00259N	N	2442/DE-1NP/2006			09/22/2005	09/22/2006			National Stage	Active	Published	Corviden LP	Corviden LP	Safety Needle with Lockout Mechanism	Patent Monitoring & Recovery - PMR - Mansfield	Jones, Scott (jones46); CLARK, GEORGE (LMTG-GC3)
H-KN-00259MX	MX	MX/4/2008/003836	291797		09/22/2005	09/22/2006	11/08/2011	09/22/2026	National Stage	Active	Issued	Corviden LP	Corviden LP	Safety Needle with Lockout Mechanism	Patent Monitoring & Recovery - PMR - Mansfield	Jones, Scott (jones46); CLARK, GEORGE (LMTG-GC3)

Reference #	Country	App #	Patent #	Pub #	Priority Date	App Date	Issue Date	Expiration Date	Active Sub- Type	Status	Sub Status	Current Owner	Assignee	Title	Business Classification	Inventors
H-N-00259-951	US	11/75316	773878	20070066937	09/22/2005	09/22/2006	07/13/2010	10/16/2027	Utility	Active	Issued	Covidien LP	Covidien LP	Safety Needle with Lockout Mechanism	Patient Monitoring & Recovery - PNR - Mansfield	Jones, Scott (jones60); CLARK, GEORGE (MTRG-SCT)
H-N-00259-952	US	12/71081	8622938	2010-0241072-A1	09/22/2005	06/01/2010	01/07/2014	09/22/2026	Continuation	Active	Issued	Covidien LP	Covidien LP	Safety Needle with Lockout Mechanism	Patient Monitoring & Recovery - PNR - Mansfield	Jones, Scott (jones60); CLARK, GEORGE (MTRG-SCT)
H-N-01468-95	US	12/705290	8396403	2011-0201981-A1	02/12/2010	02/12/2010	03/12/2013	05/29/2031	Utility	Active	Issued	Covidien LP	Covidien LP	Compression Garment Assembly	Patient Monitoring & Recovery - PNR - Mansfield	Kramer, Ross (kramer1); Dehpande, Manish (CGT-MD)
H-N-01468-951	US	13/738172	8801643	20140204985	02/12/2010	01/10/2013	06/12/2014	02/27/2030	Continuation	Active	Issued	Covidien LP	Covidien LP	Compression Garment Assembly	Patient Monitoring & Recovery - PNR - Mansfield	Kramer, Ross (kramer1); Dehpande, Manish (CGT-MD)
H-N-01735-05	US	29/267930	0658939		08/16/2010	08/16/2010	05/15/2012	05/15/2026	Design	Active	Issued	Covidien LP	Covidien LP	SUPPORT FOR A PNEUMATIC COMPRESSION CONTROLLER	Patient Monitoring & Recovery - PNR - Mansfield	Keith, Laura (keith11); Anderson, Julia Rose (MTRG-SCT)
H-N-01736-05	US	29/267932	0667541		08/16/2010	08/16/2010	02/05/2013	02/05/2027	Design	Active	Issued	Covidien LP	Covidien LP	PNEUMATIC COMPRESSION CONTROLLER	Patient Monitoring & Recovery - PNR - Mansfield	Keith, Laura (keith11); Anderson, Julia Rose (MTRG-SCT)
H-N-01210-6HNS	GB	09818392.4	2328648	EP2328648	09/30/2008	09/30/2009	03/09/2016	09/29/2029	National Stage	Active	Issued	Covidien LP	Covidien LP	TRANSPARENT CATHETER SECUREMENT SYSTEM	Patient Monitoring & Recovery - PNR - Mansfield	Bozot, Ghislain (MTRG-SCT); Longan, John (MTRG-SCT)
H-N-03181-USP1	US								Provisional	Active	Draft	Covidien LP	Covidien LP	Intermittent Pneumatic Compression System with Compression and Ambulation Tracking	Patient Monitoring & Recovery - PNR - Mansfield	Bozot, Ghislain (MTRG-SCT); Longan, John (MTRG-SCT)
H-N-01256-DE-NT	DE	1283216.3	2755713	EP2755713	09/14/2011	09/13/2012	11/09/2016	09/13/2032	National Stage	Active	Issued	Covidien LP	Covidien LP	FISTULA CATHETER AND RELATED METHODS THEREFOR	Patient Monitoring & Recovery - PNR - Mansfield	Bozot, Ghislain (MTRG-SCT); Longan, John (MTRG-SCT)
H-N-01256-FR-2	FR	1283216.3	2755713	EP2755713	09/14/2011	09/13/2012	11/09/2016	09/13/2032	National Stage	Active	Issued	Covidien LP	Covidien LP	FISTULA CATHETER AND RELATED METHODS THEREFOR	Patient Monitoring & Recovery - PNR - Mansfield	Bozot, Ghislain (MTRG-SCT); Longan, John (MTRG-SCT)
H-N-01256-GB-N3	GB	1283216.3	2755713	EP2755713	09/14/2011	09/13/2012	11/09/2016	09/13/2032	National Stage	Active	Issued	Covidien LP	Covidien LP	FISTULA CATHETER AND RELATED METHODS THEREFOR	Patient Monitoring & Recovery - PNR - Mansfield	Bozot, Ghislain (MTRG-SCT); Longan, John (MTRG-SCT)
H-N-01256-AU	AU	2012308676	2012308676		09/14/2011	03/04/2014	07/04/2014	03/04/2034	National Stage	Active	Issued	Covidien LP	Covidien LP	FISTULA CATHETER AND RELATED METHODS THEREFOR	Patient Monitoring & Recovery - PNR - Mansfield	Bozot, Ghislain (MTRG-SCT); Longan, John (MTRG-SCT)
H-N-01256-CA	CA	2848497	2848497		09/14/2011	09/13/2012	08/02/2016	09/13/2032	National Stage	Active	Issued	Covidien LP	Covidien LP	FISTULA CATHETER AND RELATED METHODS THEREFOR	Patient Monitoring & Recovery - PNR - Mansfield	Bozot, Ghislain (MTRG-SCT); Longan, John (MTRG-SCT)
H-N-01256-CN	CN	20128004754.6	20128004754.6	CN10381382A	09/14/2011	09/13/2012	07/22/2015	09/13/2032	National Stage	Active	Issued	Covidien LP	Covidien LP	FISTULA CATHETER AND RELATED METHODS THEREFOR	Patient Monitoring & Recovery - PNR - Mansfield	Bozot, Ghislain (MTRG-SCT); Longan, John (MTRG-SCT)
H-N-01256-US	US	14/342809	9114066	20140371840	09/14/2011	09/13/2012	08/25/2015	09/13/2032	Utility	Active	Issued	Covidien LP	Covidien LP	Fluids catheter and related Methods Therefor	Patient Monitoring & Recovery - PNR - Mansfield	Koppar, Vach (koppar1)
H-N-00038-CA	CA	2567868	2567868	2567868	12/02/2005	11/10/2006	02/16/2010	11/10/2026	Utility	Active	Issued	Covidien LP	Covidien LP	Connector	Patient Monitoring & Recovery - PNR - Mansfield	Koppar, Vach (koppar1)
H-N-00038-US	US	11/673102	7581561	20070175485	02/09/2007	02/09/2007	09/01/2009	12/26/2027	Utility	Active	Issued	Covidien LP	Covidien LP	Connector	Patient Monitoring & Recovery - PNR - Mansfield	Koppar, Vach (koppar1)
H-N-00061-US	US	11/796414	7824364	US2007055202 A1	07/11/2006	04/27/2007	11/09/2010	08/11/2028	Utility	Active	Issued	Covidien LP	Covidien LP	Liquid Mixing Infuser	Patient Monitoring & Recovery - PNR - Mansfield	Koppar, Vach (koppar1)
H-N-00062-US	US	11/840641	7618072	2008-0054632	08/31/2006	08/17/2007	11/17/2009	10/02/2027	Utility	Active	Issued	Covidien LP	Covidien LP	Connecting Structure for Connector	Patient Monitoring & Recovery - PNR - Mansfield	Koppar, Vach (koppar1)
H-N-00087-CA	CA	2636913	2636913	2636913	08/23/2007	07/04/2008	09/15/2015	07/04/2028	Utility	Active	Issued	Covidien LP	Covidien LP	Connection Structure for Connector	Patient Monitoring & Recovery - PNR - Mansfield	Koppar, Vach (koppar1)
H-N-00087-MX	MX	MX/A/2008/002988	288565		08/23/2007	07/18/2008	04/21/2011	07/18/2028	Utility	Active	Issued	Covidien LP	Covidien LP	Connection Structure for Connector	Patient Monitoring & Recovery - PNR - Mansfield	Koppar, Vach (koppar1)
H-N-00087-US	US	12/195930	8287218	2009-0062775	08/23/2007	08/20/2008	10/16/2012	10/27/2029	Utility	Active	Issued	Covidien LP	Covidien LP	Connection Structure for Connector	Patient Monitoring & Recovery - PNR - Mansfield	Koppar, Vach (koppar1)
H-N-00039-CA	CA	2633217	2933217	2633217	12/28/2005	12/27/2006	09/13/2011	12/27/2026	National Stage	Active	Issued	Covidien LP	Covidien LP	Male User Connector	Patient Monitoring & Recovery - PNR - Mansfield	Koppar, Vach (koppar1)
H-N-00039-US	US	12/159545	7976532	20080300542	12/28/2005	12/27/2006	07/12/2011	07/08/2028	National Stage	Active	Issued	Covidien LP	Covidien LP	Male User Connector	Patient Monitoring & Recovery - PNR - Mansfield	Koppar, Vach (koppar1)
H-N-00039-US1	US	13/170842	8545479	2011-0319821 A1	12/28/2005	04/28/2011	10/01/2013	12/27/2026	Continuation	Active	Issued	Covidien LP	Covidien LP	Male User Connector	Patient Monitoring & Recovery - PNR - Mansfield	Koppar, Vach (koppar1)
H-N-00039-CA	CA	2965842	2965842	2965842	11/28/2005	10/27/2006	04/28/2009	10/27/2026	Utility	Active	Issued	Covidien LP	Covidien LP	Medical Valve Device	Patient Monitoring & Recovery - PNR - Mansfield	Koppar, Vach (koppar1)

Reference #	Country	App #	Patent #	Priority Date	App Date	Issue Date	Expiration Date	Medical Sub-System	Status	Sub-System	Current Owner	Assignee	Title	Business Classification	Inventors
H-KN-00039-US	US	11/673890	7963951	2008/09/30/1	02/09/2007	02/09/2007	06/21/2011	Utility	Active	Issued	Corviden LP	Corviden LP	Medical Valve Device	Patient Monitoring & Recovery - PMR - Mansfield	KITANI, Ichiro (MITG-KS); WADA, Yoshiko (MITG-WY1); FUJIMOTO, Shinya (MITG-FS)
H-KN-02778-US/1	US	14/779748		2015-09/28/5-A1	06/03/2014	06/03/2015		Utility	Active	Published	Corviden LP	Corviden LP	External Feeding Pump Certification	Patient Monitoring & Recovery - PMR - Mansfield	Kraeper, Christopher (KraepC); Gaines, Robert (GaineR); Holde, John (HoldeJ)
H-KN-02778-US/2	US	14/796934		US-2016-06/16/8-A1	06/03/2014	11/10/2015		Continuation	Active	Published	Corviden LP	Corviden LP	External Feeding Pump Certification	Patient Monitoring & Recovery - PMR - Mansfield	Kraeper, Christopher (KraepC); Gaines, Robert (GaineR); Holde, John (HoldeJ)
H-KN-02788-AU/2	AU	2014324552		09/30/2013	09/30/2014			National Stage	Active	Filed	Corviden LP	Corviden LP	Certification Cassette and Related Methods	Patient Monitoring & Recovery - PMR - Mansfield	Kraeper, Christopher (KraepC); Gaines, Robert (GaineR); Wiesner, Joel (WieseJ); Holde, John (HoldeJ)
H-KN-02788-CAN/3	CA	2925569		09/30/2013	09/30/2014	09/30/2014		National Stage	Active	Filed	Corviden LP	Corviden LP	Certification Cassette and Related Methods	Patient Monitoring & Recovery - PMR - Mansfield	Kraeper, Christopher (KraepC); Gaines, Robert (GaineR); Wiesner, Joel (WieseJ); Holde, John (HoldeJ)
H-KN-02788-CNA/4	CN	201480053900.0		09/30/2013	09/30/2014			National Stage	Active	Published	Corviden LP	Corviden LP	Certification Cassette and Related Methods	Patient Monitoring & Recovery - PMR - Mansfield	Kraeper, Christopher (KraepC); Gaines, Robert (GaineR); Wiesner, Joel (WieseJ); Holde, John (HoldeJ)
H-KN-02788-EP/6	EP	14790862.0		09/30/2013	09/30/2014			National Stage	Active	Published	Corviden LP	Corviden LP	Certification Cassette and Related Methods	Patient Monitoring & Recovery - PMR - Mansfield	Kraeper, Christopher (KraepC); Gaines, Robert (GaineR); Wiesner, Joel (WieseJ); Holde, John (HoldeJ)
H-KN-02788-MX/5	MX	MX/2016/008395		09/30/2013	09/30/2014			National Stage	Active	Filed	Corviden LP	Corviden LP	Certification Cassette and Related Methods	Patient Monitoring & Recovery - PMR - Mansfield	Kraeper, Christopher (KraepC); Gaines, Robert (GaineR); Wiesner, Joel (WieseJ); Holde, John (HoldeJ)
H-KN-02788-US/1	US	14/501444		2015/09/30/7	09/30/2013	09/30/2014		Utility	Active	Allowed	Corviden LP	Corviden LP	Certification Cassette and Related Methods	Patient Monitoring & Recovery - PMR - Mansfield	Kraeper, Christopher (KraepC); Gaines, Robert (GaineR); Wiesner, Joel (WieseJ); Holde, John (HoldeJ)
H-KN-02788-US	US	11/366255	7758551	2007/02/08/3/5	03/02/2006	03/02/2006	07/29/2010	Utility	Active	Issued	Corviden LP	Corviden AG	Pump Set With Secure Loading Features	Patient Monitoring & Recovery - PMR - Mansfield	Kraeper, Christopher (KraepC); Gaines, Robert (GaineR); Wiesner, Joel (WieseJ); Holde, John (HoldeJ)
H-KN-00479-US/1	US	11/366254	7927304	2007/02/08/3/4	03/02/2006	04/19/2011	08/03/2027	Utility	Active	Issued	Corviden LP	Corviden LP	External Feeding Pump and Feeding Set Therefor	Patient Monitoring & Recovery - PMR - Mansfield	Kraeper, Christopher (KraepC); Gaines, Robert (GaineR); Wiesner, Joel (WieseJ); Holde, John (HoldeJ)
H-KN-00479-US/2	US	12/893712	8052643	2011/02/19/9	03/02/2006	09/29/2010	11/08/2011	Continuation	Active	Issued	Corviden LP	Corviden LP	External Feeding Pump and Feeding Set Therefor	Patient Monitoring & Recovery - PMR - Mansfield	Kraeper, Christopher (KraepC); Gaines, Robert (GaineR); Wiesner, Joel (WieseJ); Holde, John (HoldeJ)
H-KN-00479-US/3	US	14/105300	9,402,789	US-2014-01/05/3-A1	03/02/2006	12/13/2013	12/05/2027	Continuation	Active	Issued	Corviden LP	Corviden LP	ECS and Wire Organizer and Dispenser	Patient Monitoring & Recovery - PMR - Mansfield	Kraeper, Christopher (KraepC); Gaines, Robert (GaineR); Wiesner, Joel (WieseJ); Holde, John (HoldeJ)
H-KN-00818-US/4	US	13/471042	8571627	2012/02/26/1/7	12/05/2006	05/14/2012	10/29/2013	Divisional	Active	Issued	Corviden LP	Corviden LP	Liquid Flow Detector and Transistion Line Provided	Patient Monitoring & Recovery - PMR - Mansfield	Kraeper, Christopher (KraepC); Gaines, Robert (GaineR); Wiesner, Joel (WieseJ); Holde, John (HoldeJ)
H-KN-00127-US/1	US	09/01/0487.8	2168618	2168618	09/25/2008	08/14/2009	03/09/2011	National Stage	Active	Issued	Corviden LP	Corviden LP	Liquid Flow Detector and Transistion Line Provided	Patient Monitoring & Recovery - PMR - Mansfield	Kraeper, Christopher (KraepC); Gaines, Robert (GaineR); Wiesner, Joel (WieseJ); Holde, John (HoldeJ)
H-KN-00127-US/2	DE	60 2009 000 844.7	2168618	2168618	09/25/2008	08/14/2009	03/09/2011	National Stage	Active	Issued	Corviden LP	Corviden LP	Liquid Flow Detector and Transistion Line Provided	Patient Monitoring & Recovery - PMR - Mansfield	Kraeper, Christopher (KraepC); Gaines, Robert (GaineR); Wiesner, Joel (WieseJ); Holde, John (HoldeJ)
H-KN-00127-US/3	FR	09/01/0487.8	2168618	2168618	09/25/2008	08/14/2009	03/09/2011	National Stage	Active	Issued	Corviden LP	Corviden LP	Liquid Flow Detector and Transistion Line Provided	Patient Monitoring & Recovery - PMR - Mansfield	Kraeper, Christopher (KraepC); Gaines, Robert (GaineR); Wiesner, Joel (WieseJ); Holde, John (HoldeJ)
H-KN-00127-US/4	GB	09/01/0487.8	2168618	2168618	09/25/2008	08/14/2009	03/09/2011	National Stage	Active	Issued	Corviden LP	Corviden LP	Liquid Flow Detector and Transistion Line Provided	Patient Monitoring & Recovery - PMR - Mansfield	Kraeper, Christopher (KraepC); Gaines, Robert (GaineR); Wiesner, Joel (WieseJ); Holde, John (HoldeJ)
H-KN-00127-US/5	IT	686858/2011	2168618	2168618	09/25/2008	08/14/2009	03/09/2011	National Stage	Active	Issued	Corviden LP	Corviden LP	Liquid Flow Detector and Transistion Line Provided	Patient Monitoring & Recovery - PMR - Mansfield	Kraeper, Christopher (KraepC); Gaines, Robert (GaineR); Wiesner, Joel (WieseJ); Holde, John (HoldeJ)
H-KN-00127-US/6	NL	09/01/0487.8	2168618	2168618	09/25/2008	08/14/2009	03/09/2011	National Stage	Active	Issued	Corviden LP	Corviden LP	Liquid Flow Detector and Transistion Line Provided	Patient Monitoring & Recovery - PMR - Mansfield	Kraeper, Christopher (KraepC); Gaines, Robert (GaineR); Wiesner, Joel (WieseJ); Holde, John (HoldeJ)
H-KN-00127-US/7	US	12/542020	8061218	2010/07/14/8	09/25/2008	08/14/2009	11/22/2011	Utility	Active	Issued	Corviden LP	Corviden LP	Liquid Flow Detector and Transistion Line Provided	Patient Monitoring & Recovery - PMR - Mansfield	Kraeper, Christopher (KraepC); Gaines, Robert (GaineR); Wiesner, Joel (WieseJ); Holde, John (HoldeJ)
H-KN-02961-US/1	US							Utility	Active	Draft	Corviden LP	Corviden LP	Bladder	Patient Monitoring & Recovery - PMR - Mansfield	Koss, Andrew (KossA)
H-KN-02730-US/1	US	14/1103939	9728679	2015-01/16/865-A1	12/12/2013	12/12/2013	01/05/2016	Utility	Active	Issued	Corviden LP	Corviden LP	Holding a flexible elongate object	Patient Monitoring & Recovery - PMR - Mansfield	Koss, Andrew (KossA); Core, Steven (CoreS)
18286-US	US	20/200144	0520863	02/23/2004	02/23/2004	05/16/2006	05/16/2020	Design	Active	Issued	Corviden LP	Corviden LP	CONTROLLER	Patient Monitoring & Recovery - PMR - Mansfield	Kraep, Kevin (MITG-KC)
000000	000	00000000	00000000	00/00/0000	00/00/0000	00/00/0000	00/00/0000	Utility	Active	Issued	Corviden LP	Corviden LP	Compression Device Having a Pause Feature	Patient Monitoring & Recovery - PMR - Mansfield	Kraep, Kevin (MITG-KC)
H-KN-02320-AU/1	AU	2012208165	2012208165	06/10/2011	05/29/2012	03/03/2014	05/29/2032	Utility	Active	Issued	Corviden LP	Corviden LP	Compression Device Having a Pause Feature	Patient Monitoring & Recovery - PMR - Mansfield	Kraep, Kevin (MITG-KC)

Patent #	Country	App #	Patent #	Pub #	Priority Date	App Date	Issue Date	Expiration Date	Active Sub- Type	Stage	Sub-Status	Current Owner	Assignee	Title	Business Classification	Inventors
H-KN-02320C-N	CN	20121018739.6	ZI20121018739.6	CN10281356A	06/10/2011	06/08/2012	09/10/2014	06/08/2032	Utility	Active	Issued	Confiden LP	Confiden LP	Compression Device Having a Pulse Feature	Patent Monitoring & Recovery - PMR - Mansfield	Kenneth, Ileana (Ivanov), Scott, Macken (M G MSB)
H-KN-02320B-P	JP	1216982.9		EP2333337	06/10/2011	05/29/2012			Utility	Active	Published	Confiden LP	Confiden LP	Compression Device Having a Pulse Feature	Patent Monitoring & Recovery - PMR - Mansfield	Kenneth, Ileana (Ivanov), Scott, Macken (M G MSB)
H-KN-02320C-151	US	13/488972		US-2012-0316479-A1	06/10/2011	06/05/2012			Utility	Active	Published	Confiden LP	Confiden LP	Compression Device Having a Pulse Feature	Patent Monitoring & Recovery - PMR - Mansfield	Kenneth, Ileana (Ivanov), Scott, Macken (M G MSB)
H-KN-02727C-N01	CN	201480045907.8		CN105473661A	08/10/2013	08/04/2014		08/04/2034	National Stage	Active	Published	Confiden LP	Confiden LP	Compression Device Compliance Training	Patent Monitoring & Recovery - PMR - Mansfield	Kenneth, Ileana (Ivanov), Scott, Macken (M G MSB)
H-KN-02727C-P01	JP	1475480.2		EP3033841	08/10/2013	08/04/2014			National Stage	Active	Published	Confiden LP	Confiden LP	Compression Device Compliance Training	Patent Monitoring & Recovery - PMR - Mansfield	Kenneth, Ileana (Ivanov), Scott, Macken (M G MSB)
H-KN-02727C-P01	KR	10-2016-2004041			08/10/2013	08/20/2013		08/20/2033	National Stage	Active	Filed	Confiden LP	Confiden LP	Compression Device Compliance Training	Patent Monitoring & Recovery - PMR - Mansfield	Kenneth, Ileana (Ivanov), Scott, Macken (M G MSB)
H-KN-01816A-U	AU	2013208782	2013208782		06/06/2012	04/11/2013	10/30/2014	04/11/2033	Utility	Active	Issued	Confiden LP	Confiden LP	Reduced Inflation Volume	Patent Monitoring & Recovery - PMR - Mansfield	Kenneth, Ileana (Ivanov), Scott, Macken (M G MSB)
H-KN-01816C-N	CN	201310022559.4	ZI201310022559.4	CN103462796A	06/06/2012	06/06/2013	06/08/2016	06/06/2033	Utility	Active	Issued	Confiden LP	Confiden LP	Reduced Inflation Volume	Patent Monitoring & Recovery - PMR - Mansfield	Kenneth, Ileana (Ivanov), Scott, Macken (M G MSB)
H-KN-01816E-P	JP	1316430.4		2671560	06/06/2012	04/18/2013			Utility	Active	Published	Confiden LP	Confiden LP	Reduced Inflation Volume	Patent Monitoring & Recovery - PMR - Mansfield	Kenneth, Ileana (Ivanov), Scott, Macken (M G MSB)
H-KN-01816L-L	IL	225913			06/06/2012	04/23/2013			Utility	Active	Filed	Confiden LP	Confiden LP	Reduced Inflation Volume	Patent Monitoring & Recovery - PMR - Mansfield	Kenneth, Ileana (Ivanov), Scott, Macken (M G MSB)
H-KN-01816R-KR	KR	10-2013-64429	10-1461808		06/06/2012	06/05/2013	11/07/2014	06/05/2033	Utility	Active	Issued	Confiden LP	Confiden LP	Reduced Inflation Volume	Patent Monitoring & Recovery - PMR - Mansfield	Kenneth, Ileana (Ivanov), Scott, Macken (M G MSB)
H-KN-01881C-W	WW	33033338	33033337	33033338	08/05/2009	08/05/2010	08/05/2030	08/05/2030	National Stage	Active	Issued	Confiden LP	Confiden LP	Reduced Inflation Volume	Patent Monitoring & Recovery - PMR - Mansfield	Kenneth, Ileana (Ivanov), Scott, Macken (M G MSB)
H-KN-00839A-US	US	11/997176	8246028	20090125055	11/08/2007	11/08/2007	08/21/2012	06/21/2031	Utility	Active	Issued	Confiden LP	Confiden LP	Telescopically Adjustable Clamp	Patent Monitoring & Recovery - PMR - Mansfield	Kenneth, Ileana (Ivanov), Scott, Macken (M G MSB)
H-KN-00481U-151	US	13/920501		20130294941	12/15/2006	06/18/2013			Continuation	Active	Published	Confiden LP	Confiden LP	Optical Direction of Medical Pump Reflow Position	Patent Monitoring & Recovery - PMR - Mansfield	Kenneth, Ileana (Ivanov), Scott, Macken (M G MSB)
H-KN-01449A-US	US	12/813579	827196	20110305384	06/11/2010	06/11/2010	10/02/2012	03/09/2031	Utility	Active	Issued	Confiden LP	Confiden LP	Adaptive Accuracy for External Feeding Pumps	Patent Monitoring & Recovery - PMR - Mansfield	Kenneth, Ileana (Ivanov), Scott, Macken (M G MSB)
H-KN-01235C-1E-N3	DE	10807136.6	602010035092.4	EP2461863	08/05/2009	08/05/2010	07/27/2016	08/05/2030	National Stage	Active	Issued	Confiden LP	Confiden LP	Surgical Wound Dressing Incorporating Connected Hydrogel Beads Having an Embedded Electrode Therein	Patent Monitoring & Recovery - PMR - Mansfield	Kenneth, Ileana (Ivanov), Scott, Macken (M G MSB)
H-KN-01235C-1E-M4	FR	10807136.6	2461863	EP2461863	08/05/2009	08/05/2010	07/27/2016	08/05/2030	National Stage	Active	Issued	Confiden LP	Confiden LP	Surgical Wound Dressing Incorporating Connected Hydrogel Beads Having an Embedded Electrode Therein	Patent Monitoring & Recovery - PMR - Mansfield	Kenneth, Ileana (Ivanov), Scott, Macken (M G MSB)
H-KN-01235C-1E-N5	GB	10807136.6	2461863	EP2461863	08/05/2009	08/05/2010	07/27/2016	08/05/2030	National Stage	Active	Issued	Confiden LP	Confiden LP	Surgical Wound Dressing Incorporating Connected Hydrogel Beads Having an Embedded Electrode Therein	Patent Monitoring & Recovery - PMR - Mansfield	Kenneth, Ileana (Ivanov), Scott, Macken (M G MSB)
H-KN-01235B-1E1	JP	2012-523939	5281715	2013-50839	08/05/2009	08/05/2010	05/31/2013	08/05/2030	National Stage	Active	Issued	Confiden LP	Confiden LP	Surgical Wound Dressing Incorporating Connected Hydrogel Beads Having an Embedded Electrode Therein	Patent Monitoring & Recovery - PMR - Mansfield	Kenneth, Ileana (Ivanov), Scott, Macken (M G MSB)
H-KN-01235U-1502	US	14/537004	9174043	20150057735	08/05/2009	10/29/2014	11/03/2015	08/05/2030	Divisional	Active	Issued	Confiden LP	Confiden LP	Surgical Wound Dressing Incorporating Connected Hydrogel Beads Having an Embedded Electrode Therein	Patent Monitoring & Recovery - PMR - Mansfield	Kenneth, Ileana (Ivanov), Scott, Macken (M G MSB)
H-KN-01235U-151	US	12/850683	8900017	20110084906	08/05/2009	08/05/2010	12/02/2014	11/15/2030	Utility	Active	Issued	Confiden LP	Confiden LP	Surgical Wound Dressing Incorporating Connected Hydrogel Beads Having an Embedded Electrode Therein	Patent Monitoring & Recovery - PMR - Mansfield	Kenneth, Ileana (Ivanov), Scott, Macken (M G MSB)
H-KN-01426A-U	AU	2013204544	2013204544		06/18/2012	04/12/2013	01/08/2015	04/12/2033	Utility	Active	Issued	Confiden LP	Confiden LP	Compression System With Vent Cooling Feature	Patent Monitoring & Recovery - PMR - Mansfield	Kenneth, Ileana (Ivanov), Scott, Macken (M G MSB)
H-KN-01426C-N	CN	20131002103.4	ZI20131002103.4	103503356	06/18/2012	06/05/2013	01/20/2016	06/04/2033	Utility	Active	Issued	Confiden LP	Confiden LP	Compression System With Vent Cooling Feature	Patent Monitoring & Recovery - PMR - Mansfield	Kenneth, Ileana (Ivanov), Scott, Macken (M G MSB)
H-KN-01426E-R	KR	10-2013-0068775	10-1552388		06/18/2012	06/17/2033	09/04/2015	06/17/2033	Utility	Active	Issued	Confiden LP	Confiden LP	Compression System With Vent Cooling Feature	Patent Monitoring & Recovery - PMR - Mansfield	Kenneth, Ileana (Ivanov), Scott, Macken (M G MSB)
H-KN-01426F-W	TW	102116093	1501755	2011402389	06/18/2012	05/06/2013	10/01/2015	05/06/2033	Utility	Active	Issued	Confiden LP	Confiden LP	Compression System With Vent Cooling Feature	Patent Monitoring & Recovery - PMR - Mansfield	Kenneth, Ileana (Ivanov), Scott, Macken (M G MSB)
H-KN-01426G-US	US	13/555412	9205021	2013038552	06/18/2012	06/18/2012	12/08/2015	06/17/2034	Utility	Active	Issued	Confiden LP	Confiden LP	Compression System With Vent Cooling Feature	Patent Monitoring & Recovery - PMR - Mansfield	Kenneth, Ileana (Ivanov), Scott, Macken (M G MSB)
H-KN-01426H-S01	US	14/955421		US-2016-0101015-A1	06/18/2012	12/01/2015			Continuation	Active	Published	Confiden LP	Confiden LP	Compression System With Vent Cooling Feature	Patent Monitoring & Recovery - PMR - Mansfield	Kenneth, Ileana (Ivanov), Scott, Macken (M G MSB)
H-KN-01816A-USC1	US	15/192455		US-2016-0374891-A1	09/29/2011	06/24/2016			Continuation	Active	Published	Confiden LP	Confiden LP	Compression System With Vent Cooling Feature	Patent Monitoring & Recovery - PMR - Mansfield	Kenneth, Ileana (Ivanov), Scott, Macken (M G MSB)
H-KN-02943-USC5	US	15/133366		US-2016-0232831-A1	06/18/2013	04/20/2016			Continuation	Active	Published	Confiden LP	Confiden LP	Compression System With Vent Cooling Feature	Patent Monitoring & Recovery - PMR - Mansfield	Kenneth, Ileana (Ivanov), Scott, Macken (M G MSB)

Reference #	Country	App #	Patent #	Pub #	Priority Date	App Date	Issue Date	Expiration Date	Active Sub- Type	Status	Sub Status	Current Owner	Assignee	Title	Business Classification	Methods
S-8133M2	MX	P4/0205/006914	766457		10/15/1997	10/27/2004	06/04/2009	10/27/2024	National Stage	Active	Issued	Confiden IP	Confiden IP	ULTRACONT COMPOS COATS, THEIR PREPARATION AND ARTICLES COATED THEREWITH	Patent Monitoring & Recovery - PMR - Mansfield Urinary Other Urinary	McGhee, Diane (COV-PV-DM1)
S-8133M5	MX	MX/4/2008/013038	781281		10/12/2007	10/08/2008	11/24/2010	10/08/2028	Utility	Active	Issued	Confiden IP	Confiden IP	ANTIMICROBIAL ULTRACOLS COATINGS	Patent Monitoring & Recovery - PMR - Mansfield Urinary Other Urinary	McGhee, Diane (COV-PV-DM1)
S-8133M7	MY	P/2004/4372	MM-13910-A		10/23/2003	10/27/2004	08/28/2009	10/27/2024	Utility	Active	Issued	Confiden IP	Confiden IP	ULTRACOLS COMPOSITIONS, METHOD OF PREPARATION, AND ARTICLE COATED THEREWITH	Patent Monitoring & Recovery - PMR - Mansfield Urinary Other Urinary	McGhee, Diane (COV-PV-DM1)
S-8133U1	US	08/739577	6645483	0051669	10/07/1998	12/18/2000	11/14/2003	10/07/2018	Part	Active	Issued	Confiden IP	Confiden IP	ULTRACOLS COATING	Patent Monitoring & Recovery - PMR - Mansfield Urinary Other Urinary	McGhee, Diane (COV-PV-DM1)
S-8133U2	US	10/691853	7141246	US-2004-0127598-A1	10/07/1998	10/23/2003	11/28/2006	02/28/2019	Part	Active	Issued	Confiden IP	Confiden IP	ULTRACOLS COATING	Patent Monitoring & Recovery - PMR - Mansfield Urinary Other Urinary	McGhee, Diane (COV-PV-DM1)
S-8133U4	US	11/628259	7402020	200700539-9A1	10/23/2003	11/05/2006	07/22/2008	10/28/2023	Continuation	Active	Issued	Confiden IP	Confiden IP	ultracols coating	Patent Monitoring & Recovery - PMR - Mansfield Urinary Other Urinary	McGhee, Diane (COV-PV-DM1)
S-8133U5	US	11/930790	7820734	200800859-9	10/07/1998	10/31/2007	10/26/2010	10/07/2018	Continuation-It	Active	Issued	Confiden IP	Confiden IP	Antimicrobial Ultracols Coating	Patent Monitoring & Recovery - PMR - Mansfield Urinary Other Urinary	McGhee, Diane (COV-PV-DM1)
S-8133AU1	AU	2002246277	2002246277		10/15/1997	12/13/2001	01/14/2007	12/13/2021	National Stage	Active	Issued	Confiden IP	Confiden IP	ULTRACOLS COATING	Patent Monitoring & Recovery - PMR - Mansfield Urinary Other Urinary	McGhee, Diane (COV-PV-DM1)
S-8133CA	CA	2307314	2307314	2307314	10/15/1997	10/10/1998	06/10/2008	10/10/2018	National Stage	Active	Issued	Confiden IP	Confiden IP	ULTRACOLS COATING	Patent Monitoring & Recovery - PMR - Mansfield Urinary Other Urinary	McGhee, Diane (COV-PV-DM1)
S-8133CAL	CA	2431126	2431126	2431126	10/15/1997	12/13/2001	02/08/2011	12/13/2021	National Stage	Active	Issued	Confiden IP	Confiden IP	ULTRACOLS COATING COMPRISING PHARMACOLOGICAL ADDITIVES	Patent Monitoring & Recovery - PMR - Mansfield Urinary Other Urinary	McGhee, Diane (COV-PV-DM1)
S-8133DE	DE	98950114.3	1023090	66810951	10/15/1997	10/10/1998	08/02/2000	10/10/2018	National Stage	Active	Issued	Confiden IP	Confiden IP	ULTRACOLS COATING	Patent Monitoring & Recovery - PMR - Mansfield Urinary Other Urinary	McGhee, Diane (COV-PV-DM1)
S-8133DE1	DE	01994020.1	6011800.8	1343536	10/15/1997	12/13/2001	02/23/2006	12/13/2021	National Stage	Active	Issued	Confiden IP	Confiden IP	ULTRACOLS COATING	Patent Monitoring & Recovery - PMR - Mansfield Urinary Other Urinary	McGhee, Diane (COV-PV-DM1)
S-8133E1	ES	01994020.1	1343536	1343536	10/15/1997	12/13/2001	04/05/2006	12/13/2021	National Stage	Active	Issued	Confiden IP	Confiden IP	ULTRACOLS COATING	Patent Monitoring & Recovery - PMR - Mansfield Urinary Other Urinary	McGhee, Diane (COV-PV-DM1)
S-8133F1	FR	01994020.1	1343536	1343536	10/15/1997	12/13/2001	02/23/2006	12/13/2021	National Stage	Active	Issued	Confiden IP	Confiden IP	ULTRACOLS COATING	Patent Monitoring & Recovery - PMR - Mansfield Urinary Other Urinary	McGhee, Diane (COV-PV-DM1)
S-8133G1	GB	98950114.3	1023090	1023090	10/15/1997	10/10/1998	08/02/2000	10/10/2018	National Stage	Active	Issued	Confiden IP	Confiden IP	ULTRACOLS COATING	Patent Monitoring & Recovery - PMR - Mansfield Urinary Other Urinary	McGhee, Diane (COV-PV-DM1)
S-8133G81	GB	01994020.1	1343536	1343536	10/15/1997	12/13/2001	02/23/2006	12/13/2021	National Stage	Active	Issued	Confiden IP	Confiden IP	ULTRACOLS COATING	Patent Monitoring & Recovery - PMR - Mansfield Urinary Other Urinary	McGhee, Diane (COV-PV-DM1)
S-8133I1	IE	01994020.1	1343536	1343536	10/15/1997	12/13/2001	02/23/2006	12/13/2021	National Stage	Active	Issued	Confiden IP	Confiden IP	ULTRACOLS COATING	Patent Monitoring & Recovery - PMR - Mansfield Urinary Other Urinary	McGhee, Diane (COV-PV-DM1)
S-8133I11	IT	01994020.1	1343536	1343536	10/15/1997	12/13/2001	02/23/2006	12/13/2021	National Stage	Active	Issued	Confiden IP	Confiden IP	ULTRACOLS COATING	Patent Monitoring & Recovery - PMR - Mansfield Urinary Other Urinary	McGhee, Diane (COV-PV-DM1)
S-8133JP	JP	2000.515634	4690344		10/15/1997	10/10/1998	02/25/2011	10/10/2018	National Stage	Active	Issued	Confiden IP	Confiden IP	ULTRACOLS COATING	Patent Monitoring & Recovery - PMR - Mansfield Urinary Other Urinary	McGhee, Diane (COV-PV-DM1)
S-8133MX	MX	003701	228148		10/15/1997	10/10/1998	05/31/2005	10/10/2018	National Stage	Active	Issued	Confiden IP	Confiden IP	ULTRACOLS COATING	Patent Monitoring & Recovery - PMR - Mansfield Urinary Other Urinary	McGhee, Diane (COV-PV-DM1)
S-8133MX1	MX	2003/005404	253481		10/15/1997	12/13/2001	07/04/2008	12/13/2021	National Stage	Active	Issued	Confiden IP	Confiden IP	ULTRACOLS COATING	Patent Monitoring & Recovery - PMR - Mansfield Urinary Other Urinary	McGhee, Diane (COV-PV-DM1)
S-8133N2	NZ	504019	504019		10/15/1997	10/10/1998	10/06/2003	10/10/2018	National Stage	Active	Issued	Confiden IP	Confiden IP	ULTRACOLS COATING	Patent Monitoring & Recovery - PMR - Mansfield Urinary Other Urinary	McGhee, Diane (COV-PV-DM1)
1821XG52	GB	00958809.6	1210409		09/07/1999	09/07/2000	11/29/2006	09/07/2020	National Stage	Active	Issued	Confiden IP	Confiden IP	CELL GROWTH SUBSTRATE	Patent Monitoring & Recovery - PMR - Mansfield Wound Care Advanced Wound Care Other Advanced Wound Care	Medical Surgical (COV-M)
1821XICA	CA	2380767	2380767		09/07/1999	09/07/2000	01/11/2011	09/07/2020	National Stage	Active	Issued	Confiden IP	Confiden IP	CELL GROWTH SUBSTRATE	Patent Monitoring & Recovery - PMR - Mansfield Wound Care Advanced Wound Care Other Advanced Wound Care	Medical Surgical (COV-P)
1821XUS	US	11/299568	7931606	20070135743	12/12/2005	12/12/2005	04/26/2011	12/12/2025	Utility	Active	Issued	Confiden IP	Confiden IP	Compression Apparatus	Patent Monitoring & Recovery - PMR - Mansfield Vascular Compression	Meyer, Ann (meyera2)
1829XMX	MX	MX/4/2009/003000	311889		09/21/2006	09/21/2007	08/01/2013	09/21/2027	National Stage	Active	Issued	Confiden IP	Confiden IP	Surfey Connector Assembly	Patent Monitoring & Recovery - PMR - Mansfield Vascular Compression	Meyer, Ann (meyera2)
1829XUS	US	11/539324	8257286	20080077063	09/21/2006	09/21/2006	09/04/2012	02/10/2030	Utility	Active	Issued	Confiden IP	Confiden IP	Surfey Connector Apparatus	Patent Monitoring & Recovery - PMR - Mansfield Vascular Compression	Meyer, Ann (meyera2)
H-81N20276AU	AU	2006/52007	2006/52007		12/12/2005	12/12/2006	01/17/2010	12/12/2026	Utility	Active	Issued	Confiden IP	Confiden IP	Compression Sleeve Having Air Conduit	Patent Monitoring & Recovery - PMR - Mansfield Vascular Compression	McGhee, Diane (COV-PV-DM1)
H-81N20276R	BR	PI 06052517			12/12/2005	12/12/2006			Utility	Active	Published	Confiden IP	Confiden IP	Compression Sleeve Having Air Conduit	Patent Monitoring & Recovery - PMR - Mansfield Vascular Compression	McGhee, Diane (COV-PV-DM1)
H-81N20276CA	CA	2570648	2570648		12/12/2005	12/08/2006	02/14/2013	12/08/2026	Utility	Active	Issued	Confiden IP	Confiden IP	Compression Sleeve Having Air Conduit	Patent Monitoring & Recovery - PMR - Mansfield Vascular Compression	McGhee, Diane (COV-PV-DM1)
H-81N20276E01	DE	06025443.0	60200604390.4		12/12/2005	12/08/2006	11/19/2014	12/08/2026	National Stage	Active	Issued	Confiden IP	Confiden IP	Compression Sleeve Having Air Conduit	Patent Monitoring & Recovery - PMR - Mansfield Vascular Compression	McGhee, Diane (COV-PV-DM1)
H-81N20276E9	EP	06025443.0	1795167		12/12/2005	12/08/2006	11/19/2014	12/08/2026	Utility	Active	Issued	Confiden IP	Confiden IP	Compression Sleeve Having Air Conduit	Patent Monitoring & Recovery - PMR - Mansfield Vascular Compression	McGhee, Diane (COV-PV-DM1)
H-81N20276S901	GB	06025443.0	1795167		12/12/2005	12/08/2006	11/19/2014	12/08/2026	National Stage	Active	Issued	Confiden IP	Confiden IP	Compression Sleeve Having Air Conduit	Patent Monitoring & Recovery - PMR - Mansfield Vascular Compression	McGhee, Diane (COV-PV-DM1)
H-81N20276N	N	26407051/2006	2641594	26407051/2006	12/12/2005	12/11/2006	11/23/2010	12/11/2026	Utility	Active	Issued	Confiden IP	Confiden IP	Compression Sleeve Having Air Conduit	Patent Monitoring & Recovery - PMR - Mansfield Vascular Compression	McGhee, Diane (COV-PV-DM1)
H-81N20276R	FR	10-2006-125575	834198		12/12/2005	12/11/2006	03/26/2008	12/11/2026	Utility	Active	Issued	Confiden IP	Confiden IP	Compression Sleeve Having Air Conduit	Patent Monitoring & Recovery - PMR - Mansfield Vascular Compression	McGhee, Diane (COV-PV-DM1)

Reference #	Country	App #	Patent #	Pub #	Priority Date	App Date	Issue Date	Expiration Date	Active Sub-Stage	Stage	Sub-Status	Current Owner	Assignee	Title	Business Classification	Inventors
H-N-02322CN	CN	20168005326.1		CN10493858A	12/09/2011	01/17/2014			National Stage	Active	Published	Confiden IP	Confiden IP	Antimicrobial Non-Adherent Dressing and Related Method Therefor	Patient Monitoring & Recovery - PMR - Mansfield	Moyle, JLR (MTG AAM); Karbhajdar, Anand (MTG-AAS)
H-N-02322MX	MX	MX/4/2015/008702			12/09/2011	01/17/2014			National Stage	Active	Filed	Confiden IP	Confiden IP	Antimicrobial Non-Adherent Dressings and Related Method Therefor	Patient Monitoring & Recovery - PMR - Mansfield	Moyle, JLR (MTG AAM); Karbhajdar, Anand (MTG-AAS)
H-N-02322US	US	13/746012	9,402,770	20130150765	12/09/2011	01/12/2013	08/02/2016	02/09/2032	Continuation-in-Part	Active	Issued	Confiden IP	Confiden IP	Antimicrobial Non-Adherent Dressings and Related Method Therefor	Patient Monitoring & Recovery - PMR - Mansfield	Moyle, JLR (MTG AAM); Karbhajdar, Anand (MTG-AAS)
H-N-00686US1	US	11/91086	823896	20080154110	12/05/2006	12/05/2007	08/07/2012	06/03/2030	Utility	Active	Issued	Confiden IP	Confiden IP	Electrode Array	Patient Monitoring & Recovery - PMR - Mansfield	Moyle, Daren (moore22); Coggett, Scott (coggett1); Barnes, Lee (COV-IV-CB); Tiant, Mark (MTG-MTS-AAS)
H-N-00686US2	US	13/51783	8848152	20120323104	12/05/2006	06/25/2012	10/21/2014	12/05/2027	Continuation	Active	Issued	Confiden IP	Confiden IP	Electrode Array	Patient Monitoring & Recovery - PMR - Mansfield	Moyle, Daren (moore22); Coggett, Scott (coggett1); Barnes, Lee (COV-IV-CB); Tiant, Mark (MTG-MTS-AAS)
H-N-00489US1	US	11/862718	8038666	20080080535	09/29/2006	09/27/2007	10/18/2011	04/18/2028	Utility	Active	Issued	Confiden IP	Confiden IP	Detachable Plugger Rod Syringe	Patient Monitoring & Recovery - PMR - Mansfield	Morrfield, Elan (MTG-FMS); Simpson, Eric (MTG-EVS); Lord, Ronald (MTG-HLS)
H-N-00062US1	US	12/86114	9672955	2010005586	12/26/2005	06/29/2010	03/18/2014	08/08/2030	Continuation	Active	Issued	Confiden IP	Confiden IP	Medical Suture Device	Patient Monitoring & Recovery - PMR - Mansfield	Nagata, Kazuki (nagaki); Wiyakata, Satoru (wiyass1)
H-N-012099E	DE	10009769.0	2301512	2301512	09/25/2009	09/17/2010	12/05/2012	09/17/2030	National Stage	Active	Issued	Confiden IP	Confiden IP	Tube for Gastrointestinal Tract	Patient Monitoring & Recovery - PMR - Mansfield	Nagata, Kazuki (nagaki); Wiyakata, Satoru (wiyass1)
H-N-012099R	FR	10009769.0	2301512	2301512	09/25/2009	09/17/2010	12/05/2012	09/17/2030	National Stage	Active	Issued	Confiden IP	Confiden IP	Tube for Gastrointestinal Tract	Patient Monitoring & Recovery - PMR - Mansfield	Nagata, Kazuki (nagaki); Wiyakata, Satoru (wiyass1)
H-N-0120968	GB	10009769.0	2301512	2301512	09/25/2009	09/17/2010	12/05/2012	09/17/2030	National Stage	Active	Issued	Confiden IP	Confiden IP	Tube for Gastrointestinal Tract	Patient Monitoring & Recovery - PMR - Mansfield	Nagata, Kazuki (nagaki); Wiyakata, Satoru (wiyass1)
H-N-00007CA	CA	2564136	2564136	2564136	04/30/2004	04/29/2005	09/10/2013	04/29/2025	National Stage	Active	Issued	Confiden IP	Confiden IP	Gastrostomy Tube Extension Device	Patient Monitoring & Recovery - PMR - Mansfield	Nagata, Kazuki (nagaki); Watanabe, Miconon (watanam); ABE, Kazuhito (MTG-KAA)
H-N-00007US	US	11/61831	8147454	20070287962	04/30/2004	04/29/2005	04/09/2012	12/02/2025	Utility	Active	Issued	Confiden IP	Confiden IP	Gastrostomy Tube Extension Device	Patient Monitoring & Recovery - PMR - Mansfield	Nagata, Kazuki (nagaki); Watanabe, Miconon (watanam); ABE, Kazuhito (MTG-KAA)
H-N-00007US1	US	13/408603	8622988	201202020946	04/30/2004	02/29/2012	01/07/2014	04/30/2024	Continuation	Active	Issued	Confiden IP	Confiden IP	Gastrostomy Tube Extension Device	Patient Monitoring & Recovery - PMR - Mansfield	Nagata, Kazuki (nagaki); Watanabe, Miconon (watanam); ABE, Kazuhito (MTG-KAA)
H-N-010242E	DE	09154292.8	602009016977.7	2098213	03/04/2008	03/04/2009	07/10/2013	03/04/2029	National Stage	Active	Issued	Confiden IP	Confiden IP	Compression Device with Side	Patient Monitoring & Recovery - PMR - Mansfield	NABO, Steve (MTG-SNA)
H-N-01024E5	ES	09154292.8	2098213	2098213	03/04/2008	03/04/2009	07/10/2013	03/04/2029	National Stage	Active	Issued	Confiden IP	Confiden IP	Compression Device with Side	Patient Monitoring & Recovery - PMR - Mansfield	NABO, Steve (MTG-SNA)
H-N-01024ER	FR	09154292.8	2098213	2098213	03/04/2008	03/04/2009	07/10/2013	03/04/2029	National Stage	Active	Issued	Confiden IP	Confiden IP	Compression Device with Side	Patient Monitoring & Recovery - PMR - Mansfield	NABO, Steve (MTG-SNA)
H-N-01024IT	IT	09154292.8	2098213	2098213	03/04/2008	03/04/2009	07/10/2013	03/04/2029	National Stage	Active	Issued	Confiden IP	Confiden IP	Compression Device with Side	Patient Monitoring & Recovery - PMR - Mansfield	NABO, Steve (MTG-SNA)
H-N-01024JP	JP	2009-50168	49355221	P2009-213884A	03/04/2008	03/04/2009	03/23/2012	03/04/2029	Utility	Active	Issued	Confiden IP	Confiden IP	Compression Device with Side	Patient Monitoring & Recovery - PMR - Mansfield	NABO, Steve (MTG-SNA)
H-N-01024US	US	12/041816	8192380	2009-027917	03/04/2008	03/04/2008	04/06/2031	04/06/2031	Utility	Active	Issued	Confiden IP	Confiden IP	Compression Device with Side	Patient Monitoring & Recovery - PMR - Mansfield	NABO, Steve (MTG-SNA)
H-N-01034681	GB	09170796.8	2127627	2127627	03/04/2008	09/21/2009	05/25/2011	03/04/2029	Divisional	Active	Issued	Confiden IP	Confiden IP	Bandable Sate for Compression Foot Cuff	Patient Monitoring & Recovery - PMR - Mansfield	NABO, Steve (MTG-SNA)
H-N-00564R	AR	P010103246	AH0317181	0031713	07/07/2000	07/06/2001	08/31/2007	07/06/2021	Utility	Active	Issued	Confiden IP	Confiden IP	METHOD AND MANUFACTURE OF A WOUND DRESSING FOR COVERING AN OPEN WOUND	Patient Monitoring & Recovery - PMR - Mansfield	Our, Robert (MTG-RHO)
H-N-00564U	AU	2001273168	2001273168		07/07/2000	07/05/2001	08/31/2006	07/05/2021	National Stage	Active	Issued	Confiden IP	Confiden IP	METHOD AND MANUFACTURE OF A WOUND DRESSING FOR COVERING AN OPEN WOUND	Patient Monitoring & Recovery - PMR - Mansfield	Our, Robert (MTG-RHO)
H-N-00564C1	CL	01952414.9	1299059		07/07/2000	07/05/2001	07/18/2015	07/05/2021	National Stage	Active	Issued	Confiden IP	Confiden IP	METHOD AND MANUFACTURE OF A WOUND DRESSING FOR COVERING AN OPEN WOUND	Patient Monitoring & Recovery - PMR - Mansfield	Our, Robert (MTG-RHO)
H-N-00564CN	CN	01812443.7	12101812443.7	1449271A1	07/07/2000	07/05/2001	11/30/2007	07/05/2021	National Stage	Active	Issued	Confiden IP	Confiden IP	METHOD AND MANUFACTURE OF A WOUND DRESSING FOR COVERING AN OPEN WOUND	Patient Monitoring & Recovery - PMR - Mansfield	Our, Robert (MTG-RHO)
H-N-00564DE	DE	01952414.9	1299059		07/07/2000	07/05/2001	07/18/2015	07/05/2021	National Stage	Active	Issued	Confiden IP	Confiden IP	METHOD AND MANUFACTURE OF A WOUND DRESSING FOR COVERING AN OPEN WOUND	Patient Monitoring & Recovery - PMR - Mansfield	Our, Robert (MTG-RHO)
H-N-00564FR	FR	01952414.9	1299059		07/07/2000	07/05/2001	07/18/2015	07/05/2021	National Stage	Active	Issued	Confiden IP	Confiden IP	METHOD AND MANUFACTURE OF A WOUND DRESSING FOR COVERING AN OPEN WOUND	Patient Monitoring & Recovery - PMR - Mansfield	Our, Robert (MTG-RHO)
H-N-00564GB	GB	01952414.9	1299059		07/07/2000	07/05/2001	07/18/2015	07/05/2021	National Stage	Active	Issued	Confiden IP	Confiden IP	METHOD AND MANUFACTURE OF A WOUND DRESSING FOR COVERING AN OPEN WOUND	Patient Monitoring & Recovery - PMR - Mansfield	Our, Robert (MTG-RHO)

Reference #	Country	App #	Patent #	Pub #	Priority Date	App Date	Issue Date	Expiration Date	Method Sub-System	Status	Sub-System	Current Owner	Assignee	Title	Business Classification	Inventors
1735X1E	IE	019/2414.9	1299019		07/07/2000	07/06/2001	02/18/2015	07/06/2021	National Stage	Active	Issued	Confiden IP	Confiden IP	METHOD AND MANUFACTURE OF A WOUND DRESSING FOR COVERING AN OPEN WOUND	Patient Monitoring & Recovery - PMR - Mansfield	Orr, Robert (MITG-R10)
1735X4K	MX	2003/000167	248682		07/07/2000	07/06/2001	09/04/2007	07/06/2021	National Stage	Active	Issued	Confiden IP	Confiden IP	METHOD AND MANUFACTURE OF A WOUND DRESSING FOR COVERING AN OPEN WOUND	Patient Monitoring & Recovery - PMR - Mansfield	Orr, Robert (MITG-R10)
1735XJ5	US	09/611682	6369289		07/07/2000	07/07/2000	04/09/2002	07/07/2020	Utility	Active	Issued	Confiden IP	Confiden IP	METHOD AND MANUFACTURE OF A WOUND DRESSING FOR COVERING AN OPEN WOUND	Patient Monitoring & Recovery - PMR - Mansfield	Orr, Robert (MITG-R10)
H-KN-02664U3	AU	1615/2013	352952		06/17/2013	11/26/2013	12/16/2013	11/26/2023	Design	Active	Issued	Confiden IP	Confiden IP	Display Screen with a Transitional Venous Refill Detection Icon	Patient Monitoring & Recovery - PMR - Mansfield	Orr, Robert (MITG-R10)
H-KN-02664U4	AU	1615/2013	352953		06/17/2013	11/26/2013	12/16/2013	11/26/2023	Design	Active	Issued	Confiden IP	Confiden IP	Display Screen with a Graphical User Interface for Venous Refill Detection	Patient Monitoring & Recovery - PMR - Mansfield	Orr, Robert (MITG-R10)
H-KN-02664M0002	EU	001391338	001391338.0002		06/17/2013	11/27/2013	01/17/2014	11/27/2028	Design	Active	Issued	Confiden IP	Confiden IP	Display Screen with a Graphical User Interface for Venous Refill Detection	Patient Monitoring & Recovery - PMR - Mansfield	Orr, Robert (MITG-R10)
H-KN-02664M0003	EU	001391338	001391338.0003		06/17/2013	11/27/2013	01/17/2014	11/27/2028	Design	Active	Issued	Confiden IP	Confiden IP	Display Screen with a Graphical User Interface for Venous Refill Detection	Patient Monitoring & Recovery - PMR - Mansfield	Orr, Robert (MITG-R10)
H-KN-02664J3	JP	2013-29129	1504218		06/17/2013	12/05/2013	07/04/2014	07/04/2024	Design	Active	Issued	Confiden IP	Confiden IP	Display Screen with a Transitional Venous Refill Detection Icon	Patient Monitoring & Recovery - PMR - Mansfield	Orr, Robert (MITG-R10)
H-KN-02664J4	JP	2013-29131	1504219		06/17/2013	12/05/2013	07/04/2014	07/04/2024	Design	Active	Issued	Confiden IP	Confiden IP	Display Screen with a Graphical User Interface for Venous Refill Detection	Patient Monitoring & Recovery - PMR - Mansfield	Orr, Robert (MITG-R10)
H-KN-02664J5	US	29/458145	0737855		06/17/2013	06/17/2013	08/25/2015	08/25/2029	Design	Active	Issued	Confiden IP	Confiden IP	Display Screen with a Transitional Leak Detection Icon	Patient Monitoring & Recovery - PMR - Mansfield	Orr, Robert (MITG-R10)
H-KN-02664J33	US	29/458147	0737855		06/17/2013	06/17/2013	09/01/2015	09/01/2029	Design	Active	Issued	Confiden IP	Confiden IP	Display Screen with a Graphical User Interface for Venous Refill Detection	Patient Monitoring & Recovery - PMR - Mansfield	Orr, Robert (MITG-R10)
H-KN-02664J54	US	29/458148	0737828		06/17/2013	06/17/2013	08/25/2015	08/25/2029	Design	Active	Issued	Confiden IP	Confiden IP	Display Screen with a Graphical User Interface for Venous Refill Detection	Patient Monitoring & Recovery - PMR - Mansfield	Orr, Robert (MITG-R10)
H-KN-02664J51	US	29/458143	0760728		06/17/2013	06/17/2013	07/05/2016	07/05/2030	Design	Active	Issued	Confiden IP	Confiden IP	Display Screen with graphical User Interface for Patient Use Meter Reset	Patient Monitoring & Recovery - PMR - Mansfield	Orr, Robert (MITG-R10)
S-846JUS	US	09/845976	7114629	20020158066	04/30/2001	10/09/2006	04/30/2021	04/30/2021	Utility	Active	Issued	Confiden IP	Confiden IP	MEDICAL WASTE DISPOSAL SYSTEM	Patient Monitoring & Recovery - PMR - Mansfield	Panek, Robert (MITG-R1P)
S-846JUS1	US	29/146216	0478701		04/30/2001	08/06/2001	08/19/2003	08/19/2017	Design	Active	Issued	Confiden IP	Confiden IP	LOW PROFILE SHARPS CONTAINER SYSTEM	Patient Monitoring & Recovery - PMR - Mansfield	Panek, Robert (MITG-R1P)
S-846JUS2	US	10/792361	7364049	20040222335	04/30/2001	03/03/2004	04/29/2008	04/30/2021	Continuation	Active	Issued	Confiden IP	Confiden IP	Medical Waste Disposal System	Patient Monitoring & Recovery - PMR - Mansfield	Panek, Robert (MITG-R1P)
S-846JUS28	US	12/047784	8605834	20080156818	04/30/2001	03/13/2008	04/15/2014	04/30/2021	Continuation	Active	Issued	Confiden IP	Confiden IP	Medical Waste Disposal Container System	Patient Monitoring & Recovery - PMR - Mansfield	Panek, Robert (MITG-R1P)
S-846JUS2C	US	12/047828	7784167	20080157434	04/30/2001	03/13/2008	08/31/2010	07/24/2021	Continuation	Active	Issued	Confiden IP	Confiden IP	Method of Forming a Medical Waste Disposal System	Patient Monitoring & Recovery - PMR - Mansfield	Panek, Robert (MITG-R1P)
S-846JUS3	US	11/085488	8201704	20050718142	04/30/2001	03/21/2005	06/19/2012	05/03/2025	Continuation in Part	Active	Issued	Confiden IP	Confiden IP	Medical Waste Disposal System	Patient Monitoring & Recovery - PMR - Mansfield	Panek, Robert (MITG-R1P)
S-846JUS4	US	12/788085	8613366	20090145301	04/30/2001	02/18/2009	12/24/2013	04/30/2021	Divisional	Active	Issued	Confiden IP	Confiden IP	Medical Waste Disposal System	Patient Monitoring & Recovery - PMR - Mansfield	Panek, Robert (MITG-R1P)
H-KN-01210J-EV3	DE	00818392.4	2328648	EP2328648	09/30/2008	09/30/2009	05/04/2016	09/30/2029	National Stage	Active	Issued	Confiden IP	Confiden IP	TRANSPARENT CATHETER SECUREMENT SYSTEM	Patient Monitoring & Recovery - PMR - Mansfield	Panek, Robert (MITG-R1P)
H-KN-01210J-EV4	FR	00818392.4	2328648	EP2328648	09/30/2008	09/30/2009	05/04/2016	09/30/2029	National Stage	Active	Issued	Confiden IP	Confiden IP	TRANSPARENT CATHETER SECUREMENT SYSTEM	Patient Monitoring & Recovery - PMR - Mansfield	Panek, Robert (MITG-R1P)
H-KN-01210J-U	AU	2009/986666	2009298666		09/30/2008	09/30/2009	07/13/2014	09/30/2029	National Stage	Active	Issued	Confiden IP	Confiden IP	TRANSPARENT CATHETER SECUREMENT SYSTEM	Patient Monitoring & Recovery - PMR - Mansfield	Panek, Robert (MITG-R1P)
H-KN-01210J-CA	CA	2737590		2737590	09/30/2008	09/30/2009			National Stage	Active	Allowed	Confiden IP	Confiden IP	TRANSPARENT CATHETER SECUREMENT SYSTEM	Patient Monitoring & Recovery - PMR - Mansfield	Panek, Robert (MITG-R1P)
H-KN-01210J-CN	CN	200980138726.8	21200980138726.8	CN102170933A	09/30/2008	09/30/2009	09/07/2016	09/30/2029	National Stage	Active	Issued	Confiden IP	Confiden IP	TRANSPARENT CATHETER SECUREMENT SYSTEM	Patient Monitoring & Recovery - PMR - Mansfield	Panek, Robert (MITG-R1P)
H-KN-01210J-S1	US	12/568789	8795337	201100106095	09/30/2008	09/29/2009	08/05/2014	07/02/2030	Utility	Active	Issued	Confiden IP	Confiden IP	Transparent Catheter Securement System	Patient Monitoring & Recovery - PMR - Mansfield	Panek, Robert (MITG-R1P)
H-KN-01210J-S2	US	29/462292	0708822		09/30/2008	08/01/2013	07/01/2014	07/01/2028	Continuation	Active	Issued	Confiden IP	Confiden IP	Catheter Securement Device	Patient Monitoring & Recovery - PMR - Mansfield	Panek, Robert (MITG-R1P)
1836XAU	AU	2003/877080	2003/877080		10/23/2002	10/14/2003	01/22/2009	10/14/2023	National Stage	Active	Issued	Confiden IP	Confiden IP	Medical Dressing Containing Antimicrobial Agent	Patient Monitoring & Recovery - PMR - Mansfield	Panek, Robert (MITG-R1P)

Reference #	Country	App #	Patent #	Pub #	Priority Date	App Date	Issue Date	Expiration Date	Active Sub-Stage	Sub-Status	Current Owner	Assignee	Title	Business Classification	Inventors
1804KGPV	JP	1117243.2		EP271335	10/23/2002	10/14/2003		10/14/2023	Active	Published	Confiden JP	Confiden JP	MEDICAL DRESSING CONTAINING ANTIMICROBIAL AGENT	Patient Monitoring & Recovery - PMR - Mansfield	Patel, Harsh (patent15)
1804KLL	IL	167946	167946		10/23/2002	10/14/2003	03/31/2011	10/14/2023	Active	Issued	Confiden JP	Confiden JP	Medical Dressing Containing Antimicrobial Agent	Patient Monitoring & Recovery - PMR - Mansfield	Patel, Harsh (patent15)
1804KXR	KR	10-2005-7007013	10-994918		10/23/2002	10/14/2003	11/11/2010	10/14/2023	Active	Issued	Confiden JP	Confiden JP	Medical Dressing Containing Antimicrobial Agent	Patient Monitoring & Recovery - PMR - Mansfield	Patel, Harsh (patent15)
1804KWK	MX	PA4/2005/003802	271155		10/23/2002	10/14/2003	10/22/2009	10/14/2023	Active	Issued	Confiden JP	Confiden JP	NONWOVEN FABRIC WITH ANTIMICROBIAL BARRIER PROPERTIES	Patient Monitoring & Recovery - PMR - Mansfield	Patel, Harsh (patent15)
1804KXW	TW	092128096	1301068	200418331	10/23/2002	10/09/2003	09/21/2006	10/09/2023	Active	Issued	Confiden JP	Confiden JP	NONWOVEN FABRIC WITH ANTIMICROBIAL BARRIER PROPERTIES	Patient Monitoring & Recovery - PMR - Mansfield	Patel, Harsh (patent15)
1804KX1	US	13/730092	8672906	2012-0980609	10/23/2002	12/19/2011	03/18/2014	10/23/2022	Active	Issued	Confiden JP	Confiden JP	Medical Dressing Containing Antimicrobial Agent and Related Methods Thereof	Patient Monitoring & Recovery - PMR - Mansfield	Patel, Harsh (patent15)
1804KX2	US	14/192937	9,480,770	20140178564	10/23/2002	02/28/2014	11/01/2016	10/23/2022	Active	Issued	Confiden JP	Confiden JP	Methods for Preparation of Medical Dressing Containing Antimicrobial Agent	Patient Monitoring & Recovery - PMR - Mansfield	Patel, Harsh (patent15)
1804KX5AU	AU	2012268574	2012268574		06/06/2011	06/04/2012	01/09/2015	06/04/2032	Active	Issued	Confiden JP	Confiden JP	DRESSINGS AND RELATED METHODS THEREFOR	Patient Monitoring & Recovery - PMR - Mansfield	Patel, Harsh (patent15); Gohain, Richard (gahain1)
1804KX5BR	BR	BR112013031188-6	2404		06/06/2011	06/04/2012			Active	Published	Confiden JP	Confiden JP	DRESSINGS AND RELATED METHODS THEREFOR	Patient Monitoring & Recovery - PMR - Mansfield	Patel, Harsh (patent15); Gohain, Richard (gahain1)
1804KX5CA	CA	2838065	2838065		06/06/2011	06/04/2012		06/04/2032	Active	Allowed	Confiden JP	Confiden JP	DRESSINGS AND RELATED METHODS THEREFOR	Patient Monitoring & Recovery - PMR - Mansfield	Patel, Harsh (patent15); Gohain, Richard (gahain1)
1804KX5CN	CN	201280027789.9	201280027789.9	103596598	06/06/2011	06/04/2012	11/25/2015	06/04/2032	Active	Issued	Confiden JP	Confiden JP	DRESSINGS AND RELATED METHODS THEREFOR	Patient Monitoring & Recovery - PMR - Mansfield	Patel, Harsh (patent15); Gohain, Richard (gahain1)
1804KX5EP	EP	12796310.6	2717931		06/06/2011	11/25/2013			Active	Published	Confiden JP	Confiden JP	DRESSINGS AND RELATED METHODS THEREFOR	Patient Monitoring & Recovery - PMR - Mansfield	Patel, Harsh (patent15); Gohain, Richard (gahain1)
1804KX5MX	MX	MX/9/2013/013780			06/06/2011	06/04/2012			Active	Filed	Confiden JP	Confiden JP	DRESSINGS AND RELATED METHODS THEREFOR	Patient Monitoring & Recovery - PMR - Mansfield	Patel, Harsh (patent15); Gohain, Richard (gahain1)
1804KX5SE	SE	12836554.1	2760457		09/30/2011	09/05/2012			Active	Published	Confiden JP	Confiden JP	Wound Dressings and Related Methods Thereof	Patient Monitoring & Recovery - PMR - Mansfield	Patel, Harsh (patent15); Moghe, AJIT (MGTG-AKM)
1804KX5ZJ	DE				12/09/2011				Active	Draft	Confiden JP	Confiden JP	Non-Adherent Wound Dressings and Related Methods Thereof	Patient Monitoring & Recovery - PMR - Mansfield	Patel, Harsh (patent15); Moghe, AJIT (MGTG-AKM)
1804KX5ZJ-FRMZ	FR				12/09/2011				Active	Draft	Confiden JP	Confiden JP	Non-Adherent Wound Dressings and Related Methods Thereof	Patient Monitoring & Recovery - PMR - Mansfield	Patel, Harsh (patent15); Moghe, AJIT (MGTG-AKM)
1804KX5ZJ-GRN3	GR				12/09/2011				Active	Draft	Confiden JP	Confiden JP	Non-Adherent Wound Dressings and Related Methods Thereof	Patient Monitoring & Recovery - PMR - Mansfield	Patel, Harsh (patent15); Moghe, AJIT (MGTG-AKM)
1804KX5ZJ-AU	AU	2012348349	2012348349		12/09/2011	10/30/2012	07/02/2015	10/30/2032	Active	Issued	Confiden JP	Confiden JP	Non-Adherent Wound Dressings and Related Methods Thereof	Patient Monitoring & Recovery - PMR - Mansfield	Patel, Harsh (patent15); Moghe, AJIT (MGTG-AKM)
1804KX5ZJ-CA	CA	28572956	28572956		12/09/2011	10/30/2012	10/11/2016	10/30/2032	Active	Issued	Confiden JP	Confiden JP	Non-Adherent Wound Dressings and Related Methods Thereof	Patient Monitoring & Recovery - PMR - Mansfield	Patel, Harsh (patent15); Moghe, AJIT (MGTG-AKM)
1804KX5ZJ-CN	CN	20128006099.4	20128006099.4	CN103974680B	12/09/2011	10/30/2012	06/08/2016	10/30/2032	Active	Issued	Confiden JP	Confiden JP	Non-Adherent Wound Dressings and Related Methods Thereof	Patient Monitoring & Recovery - PMR - Mansfield	Patel, Harsh (patent15); Moghe, AJIT (MGTG-AKM)
350253-10972	US	62/326,380			04/22/2016	04/22/2016			Active	Filed	Confiden JP	Confiden JP	ABSORBENT ARTICLES INCLUDING REINFORCED BACKSHEET	Patient Monitoring & Recovery - PMR - Mansfield	Patel, Harsh (patent15); Narvekar, Vishal (narvev1)
1804KX5MNO1	MX	MX/9/2015/002462			09/04/2012	08/20/2013			Active	Filed	Confiden JP	Confiden JP	ABSORBENT ARTICLES WITH CHANNEL AND RELATED METHODS THEREFOR	Patient Monitoring & Recovery - PMR - Mansfield	Patel, Harsh (patent15); Narvekar, Vishal (narvev1)
1804KX5KUS	US	13/602564	9,387,136	20140065373	09/04/2012	09/04/2012	07/12/2016	09/04/2032	Active	Issued	Confiden JP	Confiden JP	ABSORBENT ARTICLES WITH CHANNEL AND RELATED METHODS THEREFOR	Patient Monitoring & Recovery - PMR - Mansfield	Patel, Harsh (patent15); Narvekar, Vishal (narvev1)
1804KX5TUS1	US	14/040785			03/04/2013	09/30/2013			Active	Filed	Confiden JP	Confiden JP	Lower Surface Friction Absorbent Articles and Related Methods Thereof	Patient Monitoring & Recovery - PMR - Mansfield	Patel, Harsh (patent15); Narvekar, Vishal (narvev1)
1804KX5ZS94-KO1	KO	201480042356-X		CN105541120A	06/14/2013	06/03/2014			National Stage	Published	Confiden JP	Confiden JP	Absorbent Articles Having Pockets and Related Methods Thereof	Patient Monitoring & Recovery - PMR - Mansfield	Patel, Harsh (patent15); Narvekar, Vishal (narvev1); Gohain, Richard (gahain1)

Reference #	Country	App #	Patent #	Pub #	Priority Date	App Date	Issue Date	Expiration Date	Attorney Subj.	Stage	Sub Status	Current Owner	Assignee	Title	Business Classification	Inventors
H-KN-02834/M01	MX	MX/4/2015/017102			06/14/2013	06/09/2014			National Stage	Active	Filed	Confiden IP	Confiden IP	Absorbent Articles Having Pockets and Related Methods Thereof	Patent Monitoring & Recovery - PMR - Mansfield Incomplete Care Other Incomplete Care	Patel, Harish (patent15); Nunez, Vidal (inventor1); Galun, Richard (inventor1)
H-KN-02834/J51	US	16/040761	2014-0371700-A1		06/14/2013	09/30/2013			Utility	Active	Published	Confiden IP	Confiden IP	Absorbent Articles Having Pockets and Related Methods Thereof	Patent Monitoring & Recovery - PMR - Mansfield Incomplete Care Other Incomplete Care	Patel, Harish (patent15); Nunez, Vidal (inventor1); Galun, Richard (inventor1)
H-KN-00448/U	AU	2007238827	2007238827		04/11/2006	04/11/2007	03/07/2013	04/11/2027	National Stage	Active	Issued	Confiden IP	Confiden IP	Multi-Layer Wound Dressings	Patent Monitoring & Recovery - PMR - Mansfield Wound Care Other Wound Care	Patel, Harish (patent15); Nunez, Vidal (inventor1); Galun, Richard (inventor1)
H-KN-00438/N	SE	200703533-2			04/11/2006	03/11/2007			National Stage	Active	Issued	Confiden IP	Confiden IP	Multi-Layer Wound Dressings	Patent Monitoring & Recovery - PMR - Mansfield Wound Care Other Wound Care	Patel, Harish (patent15); Nunez, Vidal (inventor1); Galun, Richard (inventor1)
H-KN-00448/C	CA	2644315	2644315		04/11/2006	04/11/2007	09/29/2014	04/11/2027	National Stage	Active	Issued	Confiden IP	Confiden IP	Multi-Layer Wound Dressings	Patent Monitoring & Recovery - PMR - Mansfield Wound Care Other Wound Care	Patel, Harish (patent15); Nunez, Vidal (inventor1); Galun, Richard (inventor1)
H-KN-00448/CN	CN	200780013083.6	200780013083	CN101421001A	04/11/2006	04/11/2007	07/10/2013	04/11/2027	National Stage	Active	Issued	Confiden IP	Confiden IP	Multi-Layer Wound Dressings	Patent Monitoring & Recovery - PMR - Mansfield Wound Care Other Wound Care	Patel, Harish (patent15); Nunez, Vidal (inventor1); Galun, Richard (inventor1)
H-KN-00448/DE	DE	07755144.8	60200709230.6	2007470	04/11/2006	04/11/2007	01/29/2013	04/11/2027	National Stage	Active	Issued	Confiden IP	Confiden IP	Multi-Layer Wound Dressings	Patent Monitoring & Recovery - PMR - Mansfield Wound Care Other Wound Care	Patel, Harish (patent15); Nunez, Vidal (inventor1); Galun, Richard (inventor1)
H-KN-00448/R	FR	07755144.8	2007470	2007470	04/11/2006	04/11/2007	01/29/2013	04/11/2027	National Stage	Active	Issued	Confiden IP	Confiden IP	Multi-Layer Wound Dressings	Patent Monitoring & Recovery - PMR - Mansfield Wound Care Other Wound Care	Patel, Harish (patent15); Nunez, Vidal (inventor1); Galun, Richard (inventor1)
H-KN-00448/G	GB	07755144.8	2007470	2007470	04/11/2006	04/11/2007	01/29/2013	04/11/2027	National Stage	Active	Issued	Confiden IP	Confiden IP	Multi-Layer Wound Dressings	Patent Monitoring & Recovery - PMR - Mansfield Wound Care Other Wound Care	Patel, Harish (patent15); Nunez, Vidal (inventor1); Galun, Richard (inventor1)
H-KN-00448/MX	MX	MX/4/2008/012615	307866		04/11/2006	04/11/2007	03/19/2013	04/11/2027	National Stage	Active	Issued	Confiden IP	Confiden IP	Multi-Layer Wound Dressings	Patent Monitoring & Recovery - PMR - Mansfield Wound Care Other Wound Care	Patel, Harish (patent15); Nunez, Vidal (inventor1); Galun, Richard (inventor1)
H-KN-00432/A	SE	20080783365	20080783365		04/11/2006	03/11/2007	03/29/2009	04/11/2027	National Stage	Active	Issued	Confiden IP	Confiden IP	Multi-Layer Wound Dressings	Patent Monitoring & Recovery - PMR - Mansfield Wound Care Other Wound Care	Patel, Harish (patent15); Nunez, Vidal (inventor1); Galun, Richard (inventor1)
H-KN-00439/U	AU	2009285769	2009285769		08/28/2008	08/27/2009	08/14/2014	08/27/2029	National Stage	Active	Issued	Confiden IP	Confiden IP	Antimicrobial Foam Compositions, Articles and Methods	Patent Monitoring & Recovery - PMR - Mansfield Wound Care Other Wound Care	Patel, Harish (patent15); Ward, Kate (MITG-KW5); Spanker, Hansen (MITG-H56)
H-KN-00439/U01	AU	2014203416	2014203416		08/28/2008	08/27/2009	03/10/2016	08/27/2029	Divisional	Active	Issued	Confiden IP	Confiden IP	Antimicrobial Foam Compositions, Articles and Methods	Patent Monitoring & Recovery - PMR - Mansfield Wound Care Other Wound Care	Patel, Harish (patent15); Ward, Kate (MITG-KW5); Spanker, Hansen (MITG-H56)
H-KN-01714/US	US	12/894805	8524386	20120808379	09/30/2010	09/30/2010	09/09/2013	09/08/2031	Utility	Active	Issued	Confiden IP	Confiden IP	Portable Pneumatic Controller with Replaceable Battery	Patent Monitoring & Recovery - PMR - Mansfield Vascular Compression	Patel, Harish (patent15); Ward, Kate (MITG-KW5); Spanker, Hansen (MITG-H56)
H-KN-01454/U	AU	2010041441	2010041441		12/18/2009	11/15/2010	04/24/2014	11/15/2030	Utility	Active	Issued	Confiden IP	Confiden IP	Cover for Shift of Electronic Thermometer Probe	Patent Monitoring & Recovery - PMR - Mansfield Thermometry Other Thermometry	Patel, Harish (patent15); Ward, Kate (MITG-KW5); Spanker, Hansen (MITG-H56)
H-KN-01454/U0V	AU	2013251231	2013251231		12/18/2009	11/15/2010	09/09/2015	11/15/2030	Utility	Active	Issued	Confiden IP	Confiden IP	Cover for Shift of Electronic Thermometer Probe	Patent Monitoring & Recovery - PMR - Mansfield Thermometry Other Thermometry	Patel, Harish (patent15); Ward, Kate (MITG-KW5); Spanker, Hansen (MITG-H56)
H-KN-01455/US	US	12/642171	8540024	2011-0150037-A1	12/18/2009	12/18/2009	09/24/2013	10/25/2031	Utility	Active	Issued	Confiden IP	Confiden IP	Cover for Shift of Electronic Thermometer Probe	Patent Monitoring & Recovery - PMR - Mansfield Thermometry Other Thermometry	Patel, Harish (patent15); Ward, Kate (MITG-KW5); Spanker, Hansen (MITG-H56)
H-KN-01455/U1	US	14/083933	9095873	20140079880	12/18/2009	09/23/2013	08/04/2015	12/18/2029	Divisional	Active	Issued	Confiden IP	Confiden IP	Cover for Shift of Electronic Thermometer Probe	Patent Monitoring & Recovery - PMR - Mansfield Thermometry Other Thermometry	Patel, Harish (patent15); Ward, Kate (MITG-KW5); Spanker, Hansen (MITG-H56)
H-KN-01516/US	US	12/735358	9852079	20110045742	04/02/2010	04/02/2010	02/18/2014	10/11/2030	Utility	Active	Issued	Confiden IP	Confiden IP	Compression Garment Having an Extension	Patent Monitoring & Recovery - PMR - Mansfield Vascular Compression	Patel, Harish (patent15); Ward, Kate (MITG-KW5); Spanker, Hansen (MITG-H56)
H-KN-01824/U	AU	2012208036	2012208036		05/23/2011	05/23/2012	12/24/2013	05/23/2032	Utility	Active	Issued	Confiden IP	Confiden IP	Urine Meter	Patent Monitoring & Recovery - PMR - Mansfield Urinary Other Urinary	Patel, Harish (patent15); Ward, Kate (MITG-KW5); Spanker, Hansen (MITG-H56)
H-KN-01824/DE	DE	11004231.4	602011003418.9	2576907	05/23/2011	05/23/2011	10/29/2013	05/23/2031	National Stage	Active	Issued	Confiden IP	Confiden IP	Urine Meter	Patent Monitoring & Recovery - PMR - Mansfield Urinary Other Urinary	Patel, Harish (patent15); Ward, Kate (MITG-KW5); Spanker, Hansen (MITG-H56)
H-KN-01824/ES	ES	11004231.4	2576907	2576907	05/23/2011	05/23/2011	10/29/2013	05/23/2031	National Stage	Active	Issued	Confiden IP	Confiden IP	Urine Meter	Patent Monitoring & Recovery - PMR - Mansfield Urinary Other Urinary	Patel, Harish (patent15); Ward, Kate (MITG-KW5); Spanker, Hansen (MITG-H56)
H-KN-01824/R	FR	11004231.4	2576907	2576907	05/23/2011	05/23/2011	10/29/2013	05/23/2031	National Stage	Active	Issued	Confiden IP	Confiden IP	Urine Meter	Patent Monitoring & Recovery - PMR - Mansfield Urinary Other Urinary	Patel, Harish (patent15); Ward, Kate (MITG-KW5); Spanker, Hansen (MITG-H56)
H-KN-01868/G	GB	11004231.4	2576907	2576907	05/23/2011	05/23/2011	10/29/2013	05/23/2031	National Stage	Active	Issued	Confiden IP	Confiden IP	Urine Meter	Patent Monitoring & Recovery - PMR - Mansfield Urinary Other Urinary	Patel, Harish (patent15); Ward, Kate (MITG-KW5); Spanker, Hansen (MITG-H56)
H-KN-02182/P	JP	2012-116891	5918250	2012-239917	05/23/2011	05/23/2012	07/19/2013	05/23/2032	Utility	Active	Issued	Confiden IP	Confiden IP	Urine Meter	Patent Monitoring & Recovery - PMR - Mansfield Urinary Other Urinary	Patel, Harish (patent15); Ward, Kate (MITG-KW5); Spanker, Hansen (MITG-H56)
H-KN-02182/MX	MX	MX/4/2012/065898	3738654		05/23/2011	05/23/2012	09/19/2015	05/23/2032	Utility	Active	Issued	Confiden IP	Confiden IP	Urine Meter	Patent Monitoring & Recovery - PMR - Mansfield Urinary Other Urinary	Patel, Harish (patent15); Ward, Kate (MITG-KW5); Spanker, Hansen (MITG-H56)

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H-KN-005223J5	US	11/678749	7645988	2008000913	06/10/2006	06/29/2006	01/12/2010	06/29/2026	Utility	Active	Issued	Confiden LP	Confiden LP	MECHANICAL SECURING A URINE METER TO A URINE BAG	Patient Monitoring & Recovery - PMR - Mansfield (Integ) / Other Integ	Schuster, David (skd); Saladin, Lawrence (NLJLJ3)
H-KN-004104S2	US	29/35097	0640431		01/11/2006	11/18/2009	03/22/2012	05/22/2026	Continuation	Active	Issued	Confiden LP	Confiden LP	Medical apparatus for cutting medical tubes	Patient Monitoring & Recovery - PMR - Mansfield	Schuster, David (skd); Saladin, Lawrence (NLJLJ3)
355993W01	WO	PC/US2015/066285		WO/2016/100617	12/19/2014	12/17/2015		07/19/2017	Utility	Active	Published	Confiden LP	Confiden LP	System, Apparatus and Method Employed with Internal Systems	Patient Monitoring & Operating Room / Other MOOP	Schuster, Wayne (schuw); Tanner, Mark (MIG-MTS); Stowers, Bradley (MIG-MTS)
356029A01	AU	201512785	362618		12/19/2014	05/29/2015	07/16/2015	05/29/2025	Design	Active	Issued	Confiden LP	Confiden LP	Medical Tubing Connector	Patient Monitoring & Recovery - PMR - Mansfield	Schuster, Wayne (schuw)
356029CA01	CA	163048	163048		12/19/2014	06/19/2015	01/19/2016	01/19/2026	Design	Active	Issued	Confiden LP	Confiden LP	Medical Tubing Connector	Patient Monitoring & Recovery - PMR - Mansfield	Schuster, Wayne (schuw)
356029CV01	CN	201530199475.3	ZL 201530199475.3		12/19/2014	06/17/2015	03/02/2016	06/16/2025	Design	Active	Issued	Confiden LP	Confiden LP	Medical Tubing Connector	Patient Monitoring & Recovery - PMR - Mansfield	Schuster, Wayne (schuw)
356029EW01	EU	002707117	002707117-0001		12/19/2014	05/26/2015	06/18/2015	05/26/2040	Design	Active	Issued	Confiden LP	Confiden LP	Medical Tubing Connector	Patient Monitoring & Recovery - PMR - Mansfield	Schuster, Wayne (schuw)
356029I01	JP	2015-11566	1537993		12/19/2014	05/26/2015	10/16/2015	10/16/2035	Design	Active	Issued	Confiden LP	Confiden LP	Medical Tubing Connector	Patient Monitoring & Recovery - PMR - Mansfield	Schuster, Wayne (schuw)
356029M01	MX	MX/2015/001649	46982		12/19/2014	05/25/2015	05/31/2016	05/25/2030	Design	Active	Issued	Confiden LP	Confiden LP	Medical Tubing Connector	Patient Monitoring & Recovery - PMR - Mansfield	Schuster, Wayne (schuw)
356029S601	SG	302015010168	302015010368		12/19/2014	05/26/2015	05/26/2015	05/26/2030	Design	Active	Issued	Confiden LP	Confiden LP	Medical Tubing Connector	Patient Monitoring & Recovery - PMR - Mansfield	Schuster, Wayne (schuw)
356029J501	US	29/512535			12/19/2014	12/19/2014			Design	Active	Filed	Confiden LP	Confiden LP	Medical Tubing Connector	Patient Monitoring & Recovery - PMR - Mansfield	Schuster, Wayne (schuw)
H-KN-031161S02	US	14/863654			US 2016-0089528 A1	09/25/2014	09/24/2015		Utility	Active	Published	Confiden LP	Confiden LP	Internal Feeding Connector	Patient Monitoring & Recovery - PMR - Mansfield	Schuster, Wayne (schuw)
H-KN-03116W02	WO	PC/US2015/051909			WO 2016/049296	09/25/2014	09/24/2015		Utility	Active	Published	Confiden LP	Confiden LP	Internal Feeding Connector	Patient Monitoring & Recovery - PMR - Mansfield	Schuster, Wayne (schuw)
355993J501	US	14/576805			US-2016-017201-A1	12/19/2014	12/19/2014		Utility	Active	Published	Confiden LP	Confiden LP	System, Apparatus and Method Employed with Internal Systems	Patient Monitoring & Recovery - PMR - Mansfield	Schuster, David (skd); Tanner, Mark (MIG-MTS); Stowers, Bradley (MIG-MTS)
H-KN-01901U51	US	13/438853	9,289,272	20120258421	04/05/2011	04/04/2012	03/22/2016	12/25/2033	Utility	Active	Issued	Confiden LP	Confiden LP	Anesthetic Syringe	Patient Monitoring & Recovery - PMR - Mansfield	Schuster, David (skd); Tanner, Mark (MIG-MTS); Stowers, Bradley (MIG-MTS)
H-KN-00368U53	US	11/796413	8260438	20070255382	04/27/2006	04/27/2007	09/04/2012	04/18/2030	Utility	Active	Issued	Confiden LP	Confiden LP	Electrode Pad Packaging Systems and Methods	Patient Monitoring & Recovery - PMR - Mansfield	Schuster, David (skd); Tanner, Mark (MIG-MTS); Stowers, Bradley (MIG-MTS)
H-KN-00368U54	US	13/559632	85394812	20120290061	04/27/2006	07/27/2012	11/26/2013	04/27/2027	Continuation	Active	Issued	Confiden LP	Confiden LP	Electrode Pad Packaging Systems and Methods	Patient Monitoring & Recovery - PMR - Mansfield	Schuster, David (skd); Tanner, Mark (MIG-MTS); Stowers, Bradley (MIG-MTS)
H-KN-00368U55	US	14/088659	9026250	20140216965	04/27/2006	11/25/2013	05/05/2015	04/27/2027	Continuation	Active	Issued	Confiden LP	Confiden LP	Electrode Pad Packaging Systems and Methods	Patient Monitoring & Recovery - PMR - Mansfield	Schuster, David (skd); Tanner, Mark (MIG-MTS); Stowers, Bradley (MIG-MTS)
H-KN-00829AU	AU	2007237345	2007237345		12/05/2006	12/04/2007	07/25/2013	12/04/2027	Utility	Active	Issued	Confiden LP	Confiden LP	Electrode Connector	Patient Monitoring & Recovery - PMR - Mansfield	Schuster, David (skd); Tanner, Mark (MIG-MTS); Stowers, Bradley (MIG-MTS)
H-KN-00829CA	CA	2612837	2612837		12/05/2006	11/29/2007	12/04/2016	11/29/2027	Utility	Active	Issued	Confiden LP	Confiden LP	Electrode Connector	Patient Monitoring & Recovery - PMR - Mansfield	Schuster, David (skd); Tanner, Mark (MIG-MTS); Stowers, Bradley (MIG-MTS)
H-KN-00829CN	CN	20071030790.5	CN101219047A		12/05/2006	12/05/2006	04/13/2012	12/05/2027	Utility	Active	Issued	Confiden LP	Confiden LP	Electrode Connector	Patient Monitoring & Recovery - PMR - Mansfield	Schuster, David (skd); Tanner, Mark (MIG-MTS); Stowers, Bradley (MIG-MTS)
H-KN-00829CNDV	CN	20111035979.1	2120111035979.1	102512155	12/05/2006	12/05/2007	05/21/2014	12/05/2027	Divisional	Active	Issued	Confiden LP	Confiden LP	Electrode Connector	Patient Monitoring & Recovery - PMR - Mansfield	Schuster, David (skd); Tanner, Mark (MIG-MTS); Stowers, Bradley (MIG-MTS)
H-KN-00829DE	DE	07254692.2	402007031102.0	1929942	12/05/2006	12/04/2007	04/19/2013	12/04/2027	National Stage	Active	Issued	Confiden LP	Confiden LP	Electrode Connector	Patient Monitoring & Recovery - PMR - Mansfield	Schuster, David (skd); Tanner, Mark (MIG-MTS); Stowers, Bradley (MIG-MTS)
H-KN-00829ES	ES	07254692.2	1929942	1929942	12/05/2006	12/04/2007	04/19/2013	12/04/2027	National Stage	Active	Issued	Confiden LP	Confiden LP	Electrode Connector	Patient Monitoring & Recovery - PMR - Mansfield	Schuster, David (skd); Tanner, Mark (MIG-MTS); Stowers, Bradley (MIG-MTS)
H-KN-00829FR	FR	07254692.2	1929942	1929942	12/05/2006	12/04/2007	04/19/2013	12/04/2027	National Stage	Active	Issued	Confiden LP	Confiden LP	Electrode Connector	Patient Monitoring & Recovery - PMR - Mansfield	Schuster, David (skd); Tanner, Mark (MIG-MTS); Stowers, Bradley (MIG-MTS)

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H-KN 00829618	GB	0754692.2	1939942	1939942	12/05/2006	12/04/2007	06/19/2013	12/04/2027	National Stage	Active	Issued	Covident LP	Covident LP	Electrode Connector	Patient: Monitoring & Recovery - PMA - Mansfield Monitoring & Operating Room Other: MOP	Sekirali, David (sekhdt); Coggin, Scott (coggs1); Barnes, Lee (COV-JV-(CB); Tauer, Mark (MTE-M75)
H-KN 00829619	IE	0754692.2	1939942	1939942	12/05/2006	12/04/2007	06/19/2013	12/04/2027	National Stage	Active	Issued	Covident LP	Covident LP	Electrode Connector	Patient: Monitoring & Recovery - PMA - Mansfield Monitoring & Operating Room Other: MOP	Sekirali, David (sekhdt); Coggin, Scott (coggs1); Barnes, Lee (COV-JV-(CB); Tauer, Mark (MTE-M75)
H-KN 00829620	JP	2007-214076	5198839	2008-142545	12/05/2006	12/04/2007	02/15/2013	12/04/2027	Utility	Active	Issued	Covident LP	Covident LP	Electrode Connector	Patient: Monitoring & Recovery - PMA - Mansfield Monitoring & Operating Room Other: MOP	Sekirali, David (sekhdt); Coggin, Scott (coggs1); Barnes, Lee (COV-JV-(CB); Tauer, Mark (MTE-M75)
H-KN 00829621	JP	2013-1001	5795-779	2013-81802	12/05/2006	12/04/2007	08/21/2015	12/04/2027	Divisional	Active	Issued	Covident LP	Covident LP	Electrode Connector	Patient: Monitoring & Recovery - PMA - Mansfield Monitoring & Operating Room Other: MOP	Sekirali, David (sekhdt); Coggin, Scott (coggs1); Barnes, Lee (COV-JV-(CB); Tauer, Mark (MTE-M75)
H-KN 00829622	MX	MX/A/2007/015294	274575		12/05/2006	12/04/2007	03/19/2010	12/04/2027	Utility	Active	Issued	Covident LP	Covident LP	Electrode Connector	Patient: Monitoring & Recovery - PMA - Mansfield Monitoring & Operating Room Other: MOP	Sekirali, David (sekhdt); Coggin, Scott (coggs1); Barnes, Lee (COV-JV-(CB); Tauer, Mark (MTE-M75)
H-KN 00829623	US	11/634028	7445522	20080132773	12/05/2006	12/05/2006	11/04/2008	12/05/2026	Utility	Active	Issued	Covident LP	Covident LP	Electrode Connector	Patient: Monitoring & Recovery - PMA - Mansfield Monitoring & Operating Room Other: MOP	Sekirali, David (sekhdt); Coggin, Scott (coggs1); Barnes, Lee (COV-JV-(CB); Tauer, Mark (MTE-M75)
H-KN 00829624	AT	09251989.1	2161393	EP2161393	09/11/2008	08/13/2009	03/16/2016	08/13/2029	National Stage	Active	Issued	Covident LP	Covident LP	Conductive Compositions and Method	Patient: Monitoring & Recovery - PMA - Mansfield Custom Proctric Solutions Other: CIS	Sekirali, David (sekhdt); Copp-Howland, Warren (MTRG-WWC)
H-KN 00829625	DE	09251989.1	2161393	EP2161393	09/11/2008	08/13/2009	03/16/2016	08/13/2029	National Stage	Active	Issued	Covident LP	Covident LP	Conductive Compositions and Method	Patient: Monitoring & Recovery - PMA - Mansfield Custom Proctric Solutions Other: CIS	Sekirali, David (sekhdt); Copp-Howland, Warren (MTRG-WWC)
H-KN 00829626	ES	09251989.1	2161393	EP2161393	09/11/2008	08/13/2009	03/16/2016	08/13/2029	National Stage	Active	Issued	Covident LP	Covident LP	Conductive Compositions and Method	Patient: Monitoring & Recovery - PMA - Mansfield Custom Proctric Solutions Other: CIS	Sekirali, David (sekhdt); Copp-Howland, Warren (MTRG-WWC)
H-KN 00829627	FR	09251989.1	2161393	EP2161393	09/11/2008	08/13/2009	03/16/2016	08/13/2029	National Stage	Active	Issued	Covident LP	Covident LP	Conductive Compositions and Method	Patient: Monitoring & Recovery - PMA - Mansfield Custom Proctric Solutions Other: CIS	Sekirali, David (sekhdt); Copp-Howland, Warren (MTRG-WWC)
H-KN 00829628	FR	09251989.1	2161393	EP2161393	09/11/2008	08/13/2009	03/16/2016	08/13/2029	National Stage	Active	Issued	Covident LP	Covident LP	Conductive Compositions and Method	Patient: Monitoring & Recovery - PMA - Mansfield Custom Proctric Solutions Other: CIS	Sekirali, David (sekhdt); Copp-Howland, Warren (MTRG-WWC)
H-KN 00829629	IE	09251989.1	2161393	EP2161393	09/11/2008	08/13/2009	03/16/2016	08/13/2029	National Stage	Active	Issued	Covident LP	Covident LP	Conductive Compositions and Method	Patient: Monitoring & Recovery - PMA - Mansfield Custom Proctric Solutions Other: CIS	Sekirali, David (sekhdt); Copp-Howland, Warren (MTRG-WWC)
H-KN 00829630	JP	2009-196132	561555	2010-65222	09/11/2008	08/26/2009	09/12/2014	08/26/2029	Utility	Active	Issued	Covident LP	Covident LP	Conductive Compositions and Method	Patient: Monitoring & Recovery - PMA - Mansfield Custom Proctric Solutions Other: CIS	Sekirali, David (sekhdt); Copp-Howland, Warren (MTRG-WWC)
H-KN 00829631	US	12/208424	8419982	2010059722-A1	09/11/2008	09/11/2008	04/16/2013	09/11/2028	Utility	Active	Issued	Covident LP	Covident LP	Conductive Compositions and Method	Patient: Monitoring & Recovery - PMA - Mansfield Custom Proctric Solutions Other: CIS	Sekirali, David (sekhdt); Copp-Howland, Warren (MTRG-WWC)
H-KN 02813151	EP	1379254.2	291303	11/01/2012	11/01/2012	11/01/2013			National Stage	Active	Published	Covident LP	Covident LP	System and Method for Treatment of a Surface of an Injection Device	Patient: Monitoring & Recovery - PMA - Mansfield Dental	Sekirali, David (sekhdt); niko, Whelan (finkenz)
H-KN 02813151	US	14/063433	20140119986	11/01/2012	11/01/2012	11/01/2013			Utility	Active	Published	Covident LP	Covident LP	System and Method for Treatment of a Surface of an Injection Device	Patient: Monitoring & Recovery - PMA - Mansfield Dental	Sekirali, David (sekhdt); niko, Whelan (finkenz)
H-KN 00966344	CA	2935982			11/07/2007	10/31/2008			Divisional	Active	Published	Covident LP	Covident LP	MEDICAL ELECTRODE HAVING HEAT SENSITIVE COMPONENT	Patient: Monitoring & Recovery - PMA - Mansfield Custom Proctric Solutions Other: CIS	Sekirali, David (sekhdt); niko, Whelan (finkenz)
H-KN 00966342	CA	2942442	2662442	2642442	11/07/2007	10/31/2008	06/14/2016	10/31/2028	Utility	Active	Issued	Covident LP	Covident LP	MEDICAL ELECTRODE HAVING HEAT SENSITIVE COMPONENT	Patient: Monitoring & Recovery - PMA - Mansfield Custom Proctric Solutions Other: CIS	Sekirali, David (sekhdt); niko, Whelan (finkenz)
H-KN 00966322	DE	0825388.1	62-0086-004-397.5-08	2053346	11/07/2007	11/03/2008	01/12/2011	11/03/2028	National Stage	Active	Issued	Covident LP	Covident LP	Electrodes	Patient: Monitoring & Recovery - PMA - Mansfield Custom Proctric Solutions Other: CIS	Sekirali, David (sekhdt); niko, Whelan (finkenz)
H-KN 00966320	DE	10167140.2	62008019084.6	EP2276094	11/07/2007	06/24/2010	09/26/2012	11/03/2028	Divisional	Active	Issued	Covident LP	Covident LP	Electrodes	Patient: Monitoring & Recovery - PMA - Mansfield Custom Proctric Solutions Other: CIS	Sekirali, David (sekhdt); niko, Whelan (finkenz)
H-KN 00966310	DE	10167140.2	62008019084.6	EP2276094	11/07/2007	06/24/2010	09/26/2012	11/03/2028	Divisional	Active	Issued	Covident LP	Covident LP	Electrodes	Patient: Monitoring & Recovery - PMA - Mansfield Custom Proctric Solutions Other: CIS	Sekirali, David (sekhdt); niko, Whelan (finkenz)
H-KN 00966320	FR	10167140.2	2276094	EP2276094	11/07/2007	06/24/2010	09/26/2012	11/03/2028	Divisional	Active	Issued	Covident LP	Covident LP	Electrodes	Patient: Monitoring & Recovery - PMA - Mansfield Custom Proctric Solutions Other: CIS	Sekirali, David (sekhdt); niko, Whelan (finkenz)
H-KN 00966342	FR	0825388.1	2053346	2053346	11/07/2007	11/03/2008	01/12/2011	11/03/2028	National Stage	Active	Issued	Covident LP	Covident LP	Electrodes	Patient: Monitoring & Recovery - PMA - Mansfield Custom Proctric Solutions Other: CIS	Sekirali, David (sekhdt); niko, Whelan (finkenz)
H-KN 00966320	FR	10167140.2	2276094	EP2276094	11/07/2007	06/24/2010	09/26/2012	11/03/2028	Divisional	Active	Issued	Covident LP	Covident LP	Electrodes	Patient: Monitoring & Recovery - PMA - Mansfield Custom Proctric Solutions Other: CIS	Sekirali, David (sekhdt); niko, Whelan (finkenz)
H-KN 00966340	FR	1016380.7	2271085	2271085	11/07/2007	05/26/2010	09/26/2012	11/03/2028	Divisional	Active	Issued	Covident LP	Covident LP	Novel Electrodes	Patient: Monitoring & Recovery - PMA - Mansfield Custom Proctric Solutions Other: CIS	Sekirali, David (sekhdt); niko, Whelan (finkenz)

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H-KN-00966987	GB	0825388.1	2055346	2055346	11/02/2007	11/03/2008	01/12/2011	11/03/2028	National Stage	Active	Issued	Confiden LP	Confiden LP	Neural Electrodes	Patent Monitoring & Recovery - PMR - Mansfield	Sakralli, David (inventor); Garsita, Erick (inventor); Tremblay, Kathleen (inventor); Caprin, Scott (inventor); Barnes, Lee (COV NY, CB); Corp-Howland, Warren (MFG-WWC)
H-KN-00966920V	GB	10167140.2	2226094	EP2226094	11/02/2007	06/24/2010	09/24/2012	11/03/2028	Divisional	Active	Issued	Confiden LP	Confiden LP	Neural Electrodes	Patent Monitoring & Recovery - PMR - Mansfield	Sakralli, David (inventor); Garsita, Erick (inventor); Tremblay, Kathleen (inventor); Caprin, Scott (inventor); Barnes, Lee (COV NY, CB); Corp-Howland, Warren (MFG-WWC)
H-KN-00966930V	GB	1016880.7	2221085	2221085	11/02/2007	05/06/2010	09/26/2012	11/03/2028	Divisional	Active	Issued	Confiden LP	Confiden LP	Neural Electrodes	Patent Monitoring & Recovery - PMR - Mansfield	Sakralli, David (inventor); Garsita, Erick (inventor); Tremblay, Kathleen (inventor); Caprin, Scott (inventor); Barnes, Lee (COV NY, CB); Corp-Howland, Warren (MFG-WWC)
H-KN-00966972	IT	0825388.1	2055346	2055346	11/02/2007	11/03/2008	01/12/2011	11/03/2028	National Stage	Active	Issued	Confiden LP	Confiden LP	Neural Electrodes	Patent Monitoring & Recovery - PMR - Mansfield	Sakralli, David (inventor); Garsita, Erick (inventor); Tremblay, Kathleen (inventor); Caprin, Scott (inventor); Barnes, Lee (COV NY, CB); Corp-Howland, Warren (MFG-WWC)
H-KN-014251P	JP	2011-59943	5647550	2011-194231	03/18/2010	03/17/2011	11/4/2014	03/17/2031	Utility	Active	Issued	Confiden LP	Confiden LP	Electrode Delivery System	Patent Monitoring & Recovery - PMR - Mansfield	Sakralli, David (inventor); Garsita, Erick (inventor); Tremblay, Kathleen (inventor); Caprin, Scott (inventor); Barnes, Lee (COV NY, CB); Corp-Howland, Warren (MFG-WWC)
H-KN-01425CA	CA	2733373		2733373	03/18/2010	03/04/2011			Utility	Active	Published	Confiden LP	Confiden LP	Electrode Delivery System	Patent Monitoring & Recovery - PMR - Mansfield	Sakralli, David (inventor); Garsita, Erick (inventor); Tremblay, Kathleen (inventor); Caprin, Scott (inventor); Barnes, Lee (COV NY, CB); Corp-Howland, Warren (MFG-WWC)
H-KN-014259E01	DE	1115/7002.4	60201016207.1		03/18/2010	03/04/2011	03/06/2015	03/04/2031	National Stage	Active	Issued	Confiden LP	Confiden LP	Electrode Delivery System	Patent Monitoring & Recovery - PMR - Mansfield	Sakralli, David (inventor); Garsita, Erick (inventor); Tremblay, Kathleen (inventor); Caprin, Scott (inventor); Barnes, Lee (COV NY, CB); Corp-Howland, Warren (MFG-WWC)
H-KN-01425EP	EP	1115/7002.4	2366426	EP2366426	03/18/2010	03/04/2011	03/06/2015	03/04/2031	Utility	Active	Issued	Confiden LP	Confiden LP	Electrode Delivery System	Patent Monitoring & Recovery - PMR - Mansfield	Sakralli, David (inventor); Garsita, Erick (inventor); Tremblay, Kathleen (inventor); Caprin, Scott (inventor); Barnes, Lee (COV NY, CB); Corp-Howland, Warren (MFG-WWC)
H-KN-01425P01	FR	1115/7002.4	2366426		03/18/2010	03/04/2011	03/06/2015	03/04/2031	National Stage	Active	Issued	Confiden LP	Confiden LP	Electrode Delivery System	Patent Monitoring & Recovery - PMR - Mansfield	Sakralli, David (inventor); Garsita, Erick (inventor); Tremblay, Kathleen (inventor); Caprin, Scott (inventor); Barnes, Lee (COV NY, CB); Corp-Howland, Warren (MFG-WWC)
H-KN-014256801	GB	1115/7002.4	2366426		03/18/2010	03/04/2011	03/06/2015	03/04/2031	National Stage	Active	Issued	Confiden LP	Confiden LP	Electrode Delivery System	Patent Monitoring & Recovery - PMR - Mansfield	Sakralli, David (inventor); Garsita, Erick (inventor); Tremblay, Kathleen (inventor); Caprin, Scott (inventor); Barnes, Lee (COV NY, CB); Corp-Howland, Warren (MFG-WWC)
H-KN-01425U51	US	12/866926	8428751	2011-0230925-A1	03/18/2010	09/21/2010	04/23/2013	03/16/2031	Utility	Active	Issued	Confiden LP	Confiden LP	Electrode Delivery System	Patent Monitoring & Recovery - PMR - Mansfield	Sakralli, David (inventor); Garsita, Erick (inventor); Tremblay, Kathleen (inventor); Caprin, Scott (inventor); Barnes, Lee (COV NY, CB); Corp-Howland, Warren (MFG-WWC)
H-KN-01425U52	US	13/850323	8924830	20130786889	03/18/2010	03/26/2013	01/27/2015	03/21/2030	Continuation	Active	Issued	Confiden LP	Confiden LP	Electrode Delivery System	Patent Monitoring & Recovery - PMR - Mansfield	Sakralli, David (inventor); Garsita, Erick (inventor); Tremblay, Kathleen (inventor); Caprin, Scott (inventor); Barnes, Lee (COV NY, CB); Corp-Howland, Warren (MFG-WWC)
H-KN-009627R011	DE	08171185.5	2070474	EP2070474	12/11/2007	12/10/2008	02/08/2017	12/10/2028	National Stage	Active	Draft	Confiden LP	Confiden LP	ECG Electrode Connector	Patent Monitoring & Recovery - PMR - Mansfield	Sakralli, David (inventor); Garsita, Erick (inventor); Tremblay, Kathleen (inventor); Caprin, Scott (inventor); Barnes, Lee (COV NY, CB); Corp-Howland, Warren (MFG-WWC)
H-KN-009627R12	FR	08171185.5	2070474	EP2070474	12/11/2007	12/10/2008	02/08/2017	12/10/2028	National Stage	Active	Draft	Confiden LP	Confiden LP	ECG Electrode Connector	Patent Monitoring & Recovery - PMR - Mansfield	Sakralli, David (inventor); Garsita, Erick (inventor); Tremblay, Kathleen (inventor); Caprin, Scott (inventor); Barnes, Lee (COV NY, CB); Corp-Howland, Warren (MFG-WWC)
H-KN-009627R13	GB	08171185.5	2070474	EP2070474	12/11/2007	12/10/2008	02/08/2017	12/10/2028	National Stage	Active	Draft	Confiden LP	Confiden LP	ECG Electrode Connector	Patent Monitoring & Recovery - PMR - Mansfield	Sakralli, David (inventor); Garsita, Erick (inventor); Tremblay, Kathleen (inventor); Caprin, Scott (inventor); Barnes, Lee (COV NY, CB); Corp-Howland, Warren (MFG-WWC)
H-KN-00962CA	CA	2646037		2646037	12/11/2007	12/09/2008			Utility	Active	Published	Confiden LP	Confiden LP	ECG Electrode Connector	Patent Monitoring & Recovery - PMR - Mansfield	Sakralli, David (inventor); Garsita, Erick (inventor); Tremblay, Kathleen (inventor); Caprin, Scott (inventor); Barnes, Lee (COV NY, CB); Corp-Howland, Warren (MFG-WWC)
H-KN-00962CN	CN	200810191090.1	2/200810191090.1	CN101491438A	12/11/2007	12/11/2008	04/03/2013	12/11/2028	Utility	Active	Issued	Confiden LP	Confiden LP	ECG Electrode Connector	Patent Monitoring & Recovery - PMR - Mansfield	Sakralli, David (inventor); Garsita, Erick (inventor); Tremblay, Kathleen (inventor); Caprin, Scott (inventor); Barnes, Lee (COV NY, CB); Corp-Howland, Warren (MFG-WWC)
H-KN-00962NDV	CN	201310064924.3	2/201310064924.3	CN103169468A	12/11/2007	12/11/2008	03/09/2015	12/11/2028	Divisional	Active	Issued	Confiden LP	Confiden LP	ECG Electrode Connector	Patent Monitoring & Recovery - PMR - Mansfield	Sakralli, David (inventor); Garsita, Erick (inventor); Tremblay, Kathleen (inventor); Caprin, Scott (inventor); Barnes, Lee (COV NY, CB); Corp-Howland, Warren (MFG-WWC)
H-KN-00962E0V	DE	12187209.7	2545849	EP2545849	12/11/2007	12/10/2008	03/09/2016	12/10/2028	National Stage	Active	Issued	Confiden LP	Confiden LP	ECG Electrode Connector	Patent Monitoring & Recovery - PMR - Mansfield	Sakralli, David (inventor); Garsita, Erick (inventor); Tremblay, Kathleen (inventor); Caprin, Scott (inventor); Barnes, Lee (COV NY, CB); Corp-Howland, Warren (MFG-WWC)
H-KN-00962P	EP	08171185.5	2070474	EP2070474	12/11/2007	12/10/2008	02/08/2017	12/10/2028	Utility	Active	Allowed	Confiden LP	Confiden LP	ECG Electrode Connector	Patent Monitoring & Recovery - PMR - Mansfield	Sakralli, David (inventor); Garsita, Erick (inventor); Tremblay, Kathleen (inventor); Caprin, Scott (inventor); Barnes, Lee (COV NY, CB); Corp-Howland, Warren (MFG-WWC)
H-KN-00962P01V1	EP	14197698.5		2856938	12/11/2007	12/10/2008			Divisional	Active	Published	Confiden LP	Confiden LP	ECG Electrode Connector	Patent Monitoring & Recovery - PMR - Mansfield	Sakralli, David (inventor); Garsita, Erick (inventor); Tremblay, Kathleen (inventor); Caprin, Scott (inventor); Barnes, Lee (COV NY, CB); Corp-Howland, Warren (MFG-WWC)
H-KN-00962G0V	GB	12187209.7	2545849	EP2545849	12/11/2007	12/10/2008	03/09/2016	12/10/2028	National Stage	Active	Issued	Confiden LP	Confiden LP	ECG Electrode Connector	Patent Monitoring & Recovery - PMR - Mansfield	Sakralli, David (inventor); Garsita, Erick (inventor); Tremblay, Kathleen (inventor); Caprin, Scott (inventor); Barnes, Lee (COV NY, CB); Corp-Howland, Warren (MFG-WWC)
H-KN-00962K01	HK	15103900.6		1203340A	12/11/2007	12/10/2008		12/10/2028	National Stage	Active	Published	Confiden LP	Confiden LP	ECG Electrode Connector	Patent Monitoring & Recovery - PMR - Mansfield	Sakralli, David (inventor); Garsita, Erick (inventor); Tremblay, Kathleen (inventor); Caprin, Scott (inventor); Barnes, Lee (COV NY, CB); Corp-Howland, Warren (MFG-WWC)
H-KN-00962MK	MX	MX/47208/01597	302483		12/11/2007	12/11/2008	09/17/2012	12/11/2028	Utility	Active	Issued	Confiden LP	Confiden LP	ECG Electrode Connector	Patent Monitoring & Recovery - PMR - Mansfield	Sakralli, David (inventor); Garsita, Erick (inventor); Tremblay, Kathleen (inventor); Caprin, Scott (inventor); Barnes, Lee (COV NY, CB); Corp-Howland, Warren (MFG-WWC)

Reference #	Country	App #	Patent #	Pub #	Priority Date	App Date	Issue Date	Expiration Date	Active Sub- Type	Status	Sub Status	Current Owner	Assignee	Title	Business Classification	Inventors
H-KN-00869301	GB	13173993.0	2645485		12/11/2007	12/09/2008	10/15/2014	12/09/2028	National Stage	Active	Issued	Confiden IP	Confiden AG	Biomedical Electrode Connectors	Patient Monitoring & Recovery - PMR - Mansfield	Sakralli, David (inventor); Shaw, Joseph (inventor); Tremblay, Kathleen (inventor); Cable, Frank (MFG-FACI); Tauer, Mark (MFG-MT5); Corp-Ionland, Warren
H-KN-00869302	GB	08/17126.9	2071672		12/11/2007	12/09/2008	01/06/2015	12/09/2028	National Stage	Active	Issued	Confiden IP	Confiden AG	Biomedical Electrode Connectors	Patient Monitoring & Recovery - PMR - Mansfield	Sakralli, David (inventor); Shaw, Joseph (inventor); Tremblay, Kathleen (inventor); Cable, Frank (MFG-FACI); Tauer, Mark (MFG-MT5); Corp-Ionland, Warren
H-KN-00869301	IE	13173993.0	2645485		12/11/2007	12/09/2008	10/15/2014	12/09/2028	National Stage	Active	Issued	Confiden IP	Confiden AG	Biomedical Electrode Connectors	Patient Monitoring & Recovery - PMR - Mansfield	Sakralli, David (inventor); Shaw, Joseph (inventor); Tremblay, Kathleen (inventor); Cable, Frank (MFG-FACI); Tauer, Mark (MFG-MT5); Corp-Ionland, Warren
H-KN-00869301	MX	MX/42008/015825	3018005		12/11/2007	12/10/2008	07/30/2012	12/10/2028	Utility	Active	Issued	Confiden IP	Confiden AG	Biomedical Electrode Connectors	Patient Monitoring & Recovery - PMR - Mansfield	Sakralli, David (inventor); Shaw, Joseph (inventor); Tremblay, Kathleen (inventor); Cable, Frank (MFG-FACI); Tauer, Mark (MFG-MT5); Corp-Ionland, Warren
H-KN-00869301	US	12/732565	7892017	20090149084	12/11/2007	12/11/2008	02/22/2011	12/11/2028	Utility	Active	Issued	Confiden IP	Confiden AG	Biomedical Electrode Connectors	Patient Monitoring & Recovery - PMR - Mansfield	Sakralli, David (inventor); Shaw, Joseph (inventor); Tremblay, Kathleen (inventor); Cable, Frank (MFG-FACI); Tauer, Mark (MFG-MT5); Corp-Ionland, Warren
H-KN-00869302	US	13/014368	8123468	2011.0111793	12/11/2007	01/26/2011	02/28/2012	12/11/2028	Divisional	Active	Issued	Confiden IP	Confiden AG	Biomedical Electrode Connectors	Patient Monitoring & Recovery - PMR - Mansfield	Sakralli, David (inventor); Shaw, Joseph (inventor); Tremblay, Kathleen (inventor); Cable, Frank (MFG-FACI); Tauer, Mark (MFG-MT5); Corp-Ionland, Warren
H-KN-00818101	US	11/951107	8180425	20080177168	12/05/2006	12/05/2007	05/15/2012	08/14/2030	Utility	Active	Issued	Confiden IP	Confiden IP	ECG Lead Wire Organizer and Dispenser	Patient Monitoring & Recovery - PMR - Mansfield	Sakralli, David (inventor); Tauer, Mark (MFG-MT5)
H-KN-0027224U	AU	2012010966	2012010966		04/05/2011	04/04/2012	07/09/2013	04/04/2032	Utility	Active	Issued	Confiden IP	Confiden IP	MEDICAL CARTRIDGE RECEIVER HAVING ACCESS DEVICE	Patient Monitoring & Recovery - PMR - Mansfield	Sakralli, David (inventor); Tauer, Mark (MFG-MT5)
H-KN-0027276A	CA	2773487	2773487	2773487	04/05/2011	04/03/2012	01/05/2016	04/03/2032	Utility	Active	Issued	Confiden IP	Confiden IP	MEDICAL CARTRIDGE RECEIVER HAVING ACCESS DEVICE	Patient Monitoring & Recovery - PMR - Mansfield	Sakralli, David (inventor); Tauer, Mark (MFG-MT5)
H-KN-0027221P	JP	2012-085543	5431519	2012-217849	04/05/2011	04/04/2012	12/13/2013	04/04/2032	Utility	Active	Issued	Confiden IP	Confiden IP	MEDICAL CARTRIDGE RECEIVER HAVING ACCESS DEVICE	Patient Monitoring & Recovery - PMR - Mansfield	Sakralli, David (inventor); Tauer, Mark (MFG-MT5)
H-KN-0027220V	JP	2013-227950	5933898	2014-28312	04/05/2011	04/26/2012	05/13/2016	04/26/2032	Divisional	Active	Issued	Confiden IP	Confiden IP	MEDICAL CARTRIDGE RECEIVER HAVING ACCESS DEVICE	Patient Monitoring & Recovery - PMR - Mansfield	Sakralli, David (inventor); Tauer, Mark (MFG-MT5)
H-KN-0027210U1	US	13/438864	8864719	20120359287	04/05/2011	04/04/2012	10/21/2014	07/07/2032	Utility	Active	Issued	Confiden IP	Confiden IP	Medical Cartridge Receiver Having Access Device	Patient Monitoring & Recovery - PMR - Mansfield	Sakralli, David (inventor); Tauer, Mark (MFG-MT5)
H-KN-0183710V3	CA	2939796			08/12/2010	08/12/2011			Divisional	Active	Filed	Confiden IP	Confiden IP	SINGLE USE DEVICE FOR DELIVERY OF CARTRIDGE DRUGS	Patient Monitoring & Recovery - PMR - Mansfield	Sakralli, David (inventor); Tauer, Mark (MFG-MT5)
H-KN-0183710V2	US	13/042120		US 2016-0235920 A1	08/12/2010	02/12/2016			Divisional	Active	Published	Confiden IP	Confiden IP	Single Use Device for Delivery of Cartridge Drugs	Patient Monitoring & Recovery - PMR - Mansfield	Sakralli, David (inventor); Tauer, Mark (MFG-MT5)
H-KN-0183710U1	AU	2011289296	2011289296		08/12/2010	08/12/2011	02/29/2014	08/12/2031	National Stage	Active	Issued	Confiden IP	Confiden IP	Single Use Device for the Delivery of Cartridge Drugs	Patient Monitoring & Recovery - PMR - Mansfield	Sakralli, David (inventor); Tauer, Mark (MFG-MT5)
H-KN-0183710U1V	AU	2014200639	2014200639		08/12/2010	02/06/2014	05/21/2015	02/06/2034	Divisional	Active	Issued	Confiden IP	Confiden IP	Single Use Device for the Delivery of Cartridge Drugs	Patient Monitoring & Recovery - PMR - Mansfield	Sakralli, David (inventor); Tauer, Mark (MFG-MT5)
H-KN-0183710A1	CA	2906589	2806589	2806589	08/12/2010	08/12/2011	08/09/2016	08/12/2031	National Stage	Active	Issued	Confiden IP	Confiden IP	Single Use Device for the Delivery of Cartridge Drugs	Patient Monitoring & Recovery - PMR - Mansfield	Sakralli, David (inventor); Tauer, Mark (MFG-MT5)
H-KN-0183710U1	CU	201180038965.4	21.201810038965.4	CN10306842383	08/12/2010	08/12/2011	03/30/2016	08/12/2031	National Stage	Active	Issued	Confiden IP	Confiden IP	Single Use Device for the Delivery of Cartridge Drugs	Patient Monitoring & Recovery - PMR - Mansfield	Sakralli, David (inventor); Tauer, Mark (MFG-MT5)
H-KN-0183710U1	JP	2013-524238	5907960	2013-533096	08/12/2010	08/12/2011	04/01/2016	08/12/2031	National Stage	Active	Issued	Confiden IP	Confiden IP	Single Use Device for the Delivery of Cartridge Drugs	Patient Monitoring & Recovery - PMR - Mansfield	Sakralli, David (inventor); Tauer, Mark (MFG-MT5)
H-KN-0081810U3	US	13/470842	8560043	2012026129	12/05/2006	05/14/2012	10/15/2013	12/05/2027	Divisional	Active	Issued	Confiden IP	Confiden IP	ECG Lead Wire Organizer and Dispenser	Patient Monitoring & Recovery - PMR - Mansfield	Sakralli, David (inventor); Tauer, Mark (MFG-MT5)
H-KN-009621008	US	14/324380	9107594	2014032294.5	12/11/2007	07/07/2014	08/18/2015	12/08/2028	Continuation	Active	Issued	Confiden IP	Confiden IP	ECG Electrode Connector	Patient Monitoring & Recovery - PMR - Mansfield	Sakralli, David (inventor); Tauer, Mark (MFG-MT5)
H-KN-009621009	US	29/538574			12/09/2008	05/29/2015			Continuation	Active	Allowed	Confiden IP	Confiden IP	ECG Electrode Connector	Patient Monitoring & Recovery - PMR - Mansfield	Sakralli, David (inventor); Tauer, Mark (MFG-MT5)
H-KN-0096210U1	US	12/730550	8038484	20090149731	12/11/2007	12/09/2008	10/18/2011	07/12/2029	Utility	Active	Issued	Confiden IP	Confiden IP	ECG Electrode Connector	Patient Monitoring & Recovery - PMR - Mansfield	Sakralli, David (inventor); Tauer, Mark (MFG-MT5)
H-KN-0096210U2	US	13/182856	8152271	20110075252	12/11/2007	07/14/2011	04/10/2012	12/09/2028	Continuation	Active	Issued	Confiden IP	Confiden IP	ECG Electrode Connector	Patient Monitoring & Recovery - PMR - Mansfield	Sakralli, David (inventor); Tauer, Mark (MFG-MT5)
H-KN-0096210U3	US	13/443066	8408948	20120196474	12/11/2007	04/10/2012	04/02/2013	12/09/2028	Continuation	Active	Issued	Confiden IP	Confiden IP	ECG Electrode Connector	Patient Monitoring & Recovery - PMR - Mansfield	Sakralli, David (inventor); Tauer, Mark (MFG-MT5)
H-KN-0096210U4	US	13/785713	8690011	20130189811	12/11/2007	03/05/2013	04/08/2014	12/09/2028	Continuation	Active	Issued	Confiden IP	Confiden IP	ECG ELECTRODE CONNECTOR	Patient Monitoring & Recovery - PMR - Mansfield	Sakralli, David (inventor); Tauer, Mark (MFG-MT5)
H-KN-0096210U5	US	14/014171	8735004	20140170866	12/11/2007	06/30/2013	08/05/2014	12/09/2028	Continuation	Active	Issued	Confiden IP	Confiden IP	ECG ELECTRODE CONNECTOR	Patient Monitoring & Recovery - PMR - Mansfield	Sakralli, David (inventor); Tauer, Mark (MFG-MT5)
H-KN-0096210U7	US	29/486095	0737979		12/11/2007	03/24/2014	09/01/2015	09/01/2030	Continuation	Active	Issued	Confiden IP	Confiden IP	ECG ELECTRODE CONNECTOR	Patient Monitoring & Recovery - PMR - Mansfield	Sakralli, David (inventor); Tauer, Mark (MFG-MT5)

Reference #	Country	App #	Patent #	Pub #	Priority Date	App Date	Issue Date	Expiration Date	Active Sub- Type	Status	Sub Status	Current Owner	Assignee	Title	Business Classification	Inventors
H-KN-004-664U	AU	2009785774	2009785774		06/18/2008	06/17/2009	09/25/2014	06/17/2029	National Stage	Active	Issued	Confiden IP	Confiden IP	Anti-Microbial Fibers and Related Articles and Methods	Patient Monitoring & Recovery - PMR - Mansfield	Shah, Chang (S544-C); Hrk, E.; David (M16-F22); Ward (M16-S023); Vians, Ronald (M16-S024); Mulligan (M16-S025)
H-KN-004-664N	CN	200980140146.3	200980140146.3	CN10177016A	06/18/2008	06/17/2009	11/27/2015	06/17/2029	National Stage	Active	Issued	Confiden IP	Confiden IP	Anti-Microbial Fibers and Related Articles and Methods	Patient Monitoring & Recovery - PMR - Mansfield	Shah, Chang (S544-C); Hrk, E.; David (M16-F22); Ward (M16-S023); Vians, Ronald (M16-S024); Mulligan (M16-S025)
H-KN-004-724U1	AU	2009786021	2009786021		06/18/2008	06/18/2009	10/30/2014	06/18/2029	National Stage	Active	Issued	Confiden IP	Confiden IP	Environmentally Activated Compositions, Articles and Methods	Patient Monitoring & Recovery - PMR - Mansfield	Shah, Chang (S544-C); Hrk, E.; David (M16-F22); Ward (M16-S023); Vians, Ronald (M16-S024); Mulligan (M16-S025)
H-KN-004-721S1	US	12/550045		2010055158	06/18/2008	06/18/2009			Utility	Active	Published	Confiden IP	Confiden IP	Environmentally Activated Compositions, Articles and Methods	Patient Monitoring & Recovery - PMR - Mansfield	Shah, Chang (S544-C); Hrk, E.; David (M16-F22); Ward (M16-S023); Vians, Ronald (M16-S024); Mulligan (M16-S025)
H-KN-004-194U	AU	2007238818	2007238818		04/11/2006	04/11/2007	10/18/2012	04/11/2027	National Stage	Active	Issued	Confiden IP	Confiden IP	WOUND DRESSINGS WITH ANTI-MICROBIAL AND CHELATING AGENTS	Patient Monitoring & Recovery - PMR - Mansfield	Shah, Chang (S544-C); Hrk, E.; David (M16-F22); Ward (M16-S023); Vians, Ronald (M16-S024); Mulligan (M16-S025)
H-KN-004-196A	CA	2646195	2646195		04/11/2006	04/11/2007	07/09/2014	04/11/2027	National Stage	Active	Issued	Confiden IP	Confiden IP	WOUND DRESSINGS WITH ANTI-MICROBIAL AND CHELATING AGENTS	Patient Monitoring & Recovery - PMR - Mansfield	Shah, Chang (S544-C); Hrk, E.; David (M16-F22); Ward (M16-S023); Vians, Ronald (M16-S024); Mulligan (M16-S025)
H-KN-004-192E	DE	07755127.3	602007094801.3	2010234	04/11/2006	04/11/2007	01/5/2014	04/11/2027	National Stage	Active	Issued	Confiden IP	Confiden IP	WOUND DRESSINGS WITH ANTI-MICROBIAL AND CHELATING AGENTS	Patient Monitoring & Recovery - PMR - Mansfield	Shah, Chang (S544-C); Hrk, E.; David (M16-F22); Ward (M16-S023); Vians, Ronald (M16-S024); Mulligan (M16-S025)
H-KN-004-196R	FR	07755127.3	2010234	2010234	04/11/2006	04/11/2007	01/5/2014	04/11/2027	National Stage	Active	Issued	Confiden IP	Confiden IP	WOUND DRESSINGS WITH ANTI-MICROBIAL AND CHELATING AGENTS	Patient Monitoring & Recovery - PMR - Mansfield	Shah, Chang (S544-C); Hrk, E.; David (M16-F22); Ward (M16-S023); Vians, Ronald (M16-S024); Mulligan (M16-S025)
H-KN-004-196B	GB	07755127.3	2010234	2010234	04/11/2006	04/11/2007	01/5/2014	04/11/2027	National Stage	Active	Issued	Confiden IP	Confiden IP	WOUND DRESSINGS WITH ANTI-MICROBIAL AND CHELATING AGENTS	Patient Monitoring & Recovery - PMR - Mansfield	Shah, Chang (S544-C); Hrk, E.; David (M16-F22); Ward (M16-S023); Vians, Ronald (M16-S024); Mulligan (M16-S025)
H-KN-004-191L	IL	194270	194270	02/2011	04/11/2006	04/11/2007	03/29/2011	04/11/2027	National Stage	Active	Issued	Confiden IP	Confiden IP	WOUND DRESSINGS WITH ANTI-MICROBIAL AND CHELATING AGENTS	Patient Monitoring & Recovery - PMR - Mansfield	Shah, Chang (S544-C); Hrk, E.; David (M16-F22); Ward (M16-S023); Vians, Ronald (M16-S024); Mulligan (M16-S025)
H-KN-004-191P	JP	2009-505418	5153005	2009-533141	04/11/2006	04/11/2007	12/14/2012	04/11/2027	National Stage	Active	Issued	Confiden IP	Confiden IP	WOUND DRESSINGS WITH ANTI-MICROBIAL AND CHELATING AGENTS	Patient Monitoring & Recovery - PMR - Mansfield	Shah, Chang (S544-C); Hrk, E.; David (M16-F22); Ward (M16-S023); Vians, Ronald (M16-S024); Mulligan (M16-S025)
H-KN-004-194XK	MX	MX/4208/012573	283917		04/11/2006	04/11/2007	09/11/2011	04/11/2027	National Stage	Active	Issued	Confiden IP	Confiden IP	WOUND DRESSINGS WITH ANTI-MICROBIAL AND CHELATING AGENTS	Patient Monitoring & Recovery - PMR - Mansfield	Shah, Chang (S544-C); Hrk, E.; David (M16-F22); Ward (M16-S023); Vians, Ronald (M16-S024); Mulligan (M16-S025)
H-KN-004-191S1	US	11/783667	7750201	20070255192	04/11/2006	04/11/2007	07/06/2010	05/18/2027	Utility	Active	Issued	Confiden IP	Confiden IP	Use of Chelating Agents and pHs in Wound Dressing	Patient Monitoring & Recovery - PMR - Mansfield	Shah, Chang (S544-C); Hrk, E.; David (M16-F22); Ward (M16-S023); Vians, Ronald (M16-S024); Mulligan (M16-S025)
H-KN-004-214U1	AU	2007238826	2007238826		04/11/2006	04/11/2007	01/09/2013	04/11/2027	National Stage	Active	Issued	Confiden IP	Confiden IP	WOUND DRESSINGS WITH ANTI-MICROBIAL AND ZINC CONTAINING AGENTS	Patient Monitoring & Recovery - PMR - Mansfield	Shah, Chang (S544-C); Hrk, E.; David (M16-F22); Ward (M16-S023); Vians, Ronald (M16-S024); Mulligan (M16-S025)
H-KN-004-214A1	CA	2646289	2646289		04/11/2006	04/11/2007	09/19/2014	04/11/2027	National Stage	Active	Issued	Confiden IP	Confiden IP	WOUND DRESSINGS WITH ANTI-MICROBIAL AND ZINC CONTAINING AGENTS	Patient Monitoring & Recovery - PMR - Mansfield	Shah, Chang (S544-C); Hrk, E.; David (M16-F22); Ward (M16-S023); Vians, Ronald (M16-S024); Mulligan (M16-S025)
H-KN-004-210E1	DE	07755143.0	60200705438.8	2005246	04/11/2006	04/11/2007	09/12/2012	04/11/2027	National Stage	Active	Issued	Confiden IP	Confiden IP	WOUND DRESSINGS WITH ANTI-MICROBIAL AND ZINC CONTAINING AGENTS	Patient Monitoring & Recovery - PMR - Mansfield	Shah, Chang (S544-C); Hrk, E.; David (M16-F22); Ward (M16-S023); Vians, Ronald (M16-S024); Mulligan (M16-S025)
H-KN-004-210S1	ES	07755143.0	ES239411T3	2005246	04/11/2006	04/11/2007	09/12/2012	04/11/2027	National Stage	Active	Issued	Confiden IP	Confiden IP	WOUND DRESSINGS WITH ANTI-MICROBIAL AND ZINC CONTAINING AGENTS	Patient Monitoring & Recovery - PMR - Mansfield	Shah, Chang (S544-C); Hrk, E.; David (M16-F22); Ward (M16-S023); Vians, Ronald (M16-S024); Mulligan (M16-S025)
H-KN-004-214R1	FR	07755143.0	2004246	2004246	04/11/2006	04/11/2007	09/12/2012	04/11/2027	National Stage	Active	Issued	Confiden IP	Confiden IP	WOUND DRESSINGS WITH ANTI-MICROBIAL AND ZINC CONTAINING AGENTS	Patient Monitoring & Recovery - PMR - Mansfield	Shah, Chang (S544-C); Hrk, E.; David (M16-F22); Ward (M16-S023); Vians, Ronald (M16-S024); Mulligan (M16-S025)
H-KN-004-210R1	GB	07755143.0	2004246	2005246	04/11/2006	04/11/2007	09/12/2012	04/11/2027	National Stage	Active	Issued	Confiden IP	Confiden IP	WOUND DRESSINGS WITH ANTI-MICROBIAL AND ZINC CONTAINING AGENTS	Patient Monitoring & Recovery - PMR - Mansfield	Shah, Chang (S544-C); Hrk, E.; David (M16-F22); Ward (M16-S023); Vians, Ronald (M16-S024); Mulligan (M16-S025)
H-KN-004-211T1	IT	07755143.0	3647 BE/2012	2005246	04/11/2006	04/11/2007	09/12/2012	04/11/2027	National Stage	Active	Issued	Confiden IP	Confiden IP	WOUND DRESSINGS WITH ANTI-MICROBIAL AND ZINC CONTAINING AGENTS	Patient Monitoring & Recovery - PMR - Mansfield	Shah, Chang (S544-C); Hrk, E.; David (M16-F22); Ward (M16-S023); Vians, Ronald (M16-S024); Mulligan (M16-S025)
H-KN-004-211P1	JP	2009-505419	5345980	2009-533142	04/11/2006	04/11/2007	09/23/2013	04/11/2027	National Stage	Active	Issued	Confiden IP	Confiden IP	WOUND DRESSINGS WITH ANTI-MICROBIAL AND ZINC CONTAINING AGENTS	Patient Monitoring & Recovery - PMR - Mansfield	Shah, Chang (S544-C); Hrk, E.; David (M16-F22); Ward (M16-S023); Vians, Ronald (M16-S024); Mulligan (M16-S025)
H-KN-004-214X1	MX	MX/4208/012555	283924		04/11/2006	04/11/2007	04/20/2011	04/11/2027	National Stage	Active	Issued	Confiden IP	Confiden IP	WOUND DRESSINGS WITH ANTI-MICROBIAL AND ZINC CONTAINING AGENTS	Patient Monitoring & Recovery - PMR - Mansfield	Shah, Chang (S544-C); Hrk, E.; David (M16-F22); Ward (M16-S023); Vians, Ronald (M16-S024); Mulligan (M16-S025)
H-KN-004-211S1	US	11/783668	7759965	20070255193	04/11/2006	04/11/2007	05/18/2027		Utility	Active	Issued	Confiden IP	Confiden IP	Wound Dressings with Anti-Microbial and Zinc Containing Agents	Patient Monitoring & Recovery - PMR - Mansfield	Shah, Chang (S544-C); Hrk, E.; David (M16-F22); Ward (M16-S023); Vians, Ronald (M16-S024); Mulligan (M16-S025)
H-KN-004-999P	EP	09810559.6		2324480	06/18/2008	06/17/2009			National Stage	Active	Allowed	Confiden IP	Confiden IP	Antimicrobial Foam Compositions, Articles and Methods	Patient Monitoring & Recovery - PMR - Mansfield	Shah, Chang (S544-C); Hrk, E.; David (M16-F22); Ward (M16-S023); Vians, Ronald (M16-S024); Mulligan (M16-S025)
SS3692.10P1	US								Provisional	Active	Draft	Confiden IP	Confiden IP	CONNECTOR ASSEMBLY FOR COMPRESSION GARMENT	Patient Monitoring & Recovery - PMR - Mansfield	Shah, Phillip (S644-P)

Reference #	Country	App #	Patent #	Pub #	Priority Date	App Date	Issue Date	Expiration Date	Active Sub- Type	Status	Sub Status	Current Owner	Assignee	Title	Business Classification	Inventors
US8381.1P*1	US	62/800.567			02/6/2016	02/6/2016		02/26/2037	Provisional	Active	Filed	Confiden IP	Confiden IP	Pathogen Detection	Patient Monitoring & Recovery - IMR - Mansfield, IJA	Shultz, Phillip (shapz)
H-KN-02439J5	US	16/183249		2015.023.027.A1	02/18/2014	02/18/2014			Utility	Active	Published	Confiden IP	Confiden IP	Compression Garment Inflation	Patient Monitoring & Recovery - IMR - Mansfield	Shultz, Phillip (shapz)
H-KN-03138J5	US	29/497606			04/10/2014	04/10/2014	12/29/2016	12/29/2030	Design	Active	Issued	Confiden IP	Confiden IP	COMPRESSION GARMENT WITH OPENINGS	Patient Monitoring & Recovery - IMR - Mansfield	Shultz, Phillip (shapz); Sergio Jr., Richard (MTG-RS2)
H-KN-02274J4	AU	201201967	201201967		04/05/2011	04/04/2012	07/17/2014	04/04/2032	Utility	Active	Issued	Confiden IP	Confiden IP	Medicine Delivery System	Patient Monitoring & Recovery - IMR - Mansfield	Shultz, Phillip (shapz); Shindles, Jeffrey (dehnt1); Evans, Tobiasz (dehnt1); Shindles, Edward (MTG-RS2)
H-KN-02274CA	CA	2773454	2773454		04/05/2011	04/05/2012	11/24/2015	04/05/2032	Utility	Active	Issued	Confiden IP	Confiden IP	Medicine Delivery System	Patient Monitoring & Recovery - IMR - Mansfield	Shultz, Phillip (shapz); Shindles, Jeffrey (dehnt1); Evans, Tobiasz (dehnt1); Shindles, Edward (MTG-RS2)
H-KN-02274EP	EP	12162932.3		2508216	04/05/2011	04/05/2012			Utility	Active	Published	Confiden IP	Confiden IP	Medicine Delivery System	Patient Monitoring & Recovery - IMR - Mansfield	Shultz, Phillip (shapz); Shindles, Jeffrey (dehnt1); Evans, Tobiasz (dehnt1); Shindles, Edward (MTG-RS2)
H-KN-02274JP	JP	2012.085743	5702327	2012.217851	04/05/2011	04/04/2012	02/27/2015	04/04/2032	Utility	Active	Issued	Confiden IP	Confiden IP	Medicine Delivery System	Patient Monitoring & Recovery - IMR - Mansfield	Shultz, Phillip (shapz); Shindles, Jeffrey (dehnt1); Evans, Tobiasz (dehnt1); Shindles, Edward (MTG-RS2)
H-KN-01901AU	AU	201201968	201201968		04/05/2011	04/04/2012	10/09/2013	04/04/2032	Utility	Active	Issued	Confiden IP	Confiden IP	ANESTHETIC SPRING	Patient Monitoring & Recovery - IMR - Mansfield	Shultz, Phillip (shapz); Shindles, Jeffrey (dehnt1); Evans, Tobiasz (dehnt1); Shindles, Edward (MTG-RS2)
H-KN-01901CA	CA	2773271	2773271		04/05/2011	04/03/2012	10/11/2016	04/03/2032	Utility	Active	Issued	Confiden IP	Confiden IP	ANESTHETIC SPRING	Patient Monitoring & Recovery - IMR - Mansfield	Shultz, Phillip (shapz); Shindles, Jeffrey (dehnt1); Evans, Tobiasz (dehnt1); Shindles, Edward (MTG-RS2)
H-KN-01901EP	EP	12162986.1		2508217	04/05/2011	04/03/2012			Utility	Active	Published	Confiden IP	Confiden IP	ANESTHETIC SPRING	Patient Monitoring & Recovery - IMR - Mansfield	Shultz, Phillip (shapz); Shindles, Jeffrey (dehnt1); Evans, Tobiasz (dehnt1); Shindles, Edward (MTG-RS2)
H-KN-01901JP	JP	2012.085741	5559831	2012.217850	04/05/2011	04/04/2012	06/13/2014	04/04/2032	Utility	Active	Issued	Confiden IP	Confiden IP	ANESTHETIC SPRING	Patient Monitoring & Recovery - IMR - Mansfield	Shultz, Phillip (shapz); Shindles, Jeffrey (dehnt1); Evans, Tobiasz (dehnt1); Shindles, Edward (MTG-RS2)
H-KN-01901P*1	JP	2014.117405	5990221	2014.193597	04/05/2011	06/06/2014	08/19/2016	04/05/2032	Divisional	Active	Issued	Confiden IP	Confiden IP	Anesthetic Syringe	Patient Monitoring & Recovery - IMR - Mansfield	Shultz, Phillip (shapz); Shindles, Jeffrey (dehnt1); Evans, Tobiasz (dehnt1); Shindles, Edward (MTG-RS2)
H-KN-02423PA	EP	1278418.4		2766074	07/25/2011	10/15/2012			National Stage	Active	Published	Confiden IP	Confiden IP	SAFETY IV CATHETER ASSEMBLY	Patient Monitoring & Recovery - IMR - Mansfield	Shultz, Phillip (shapz); Shindles, Jeffrey (dehnt1); Evans, Tobiasz (dehnt1); Shindles, Edward (MTG-RS2)
H-KN-02423US	US	13/651979	8834022	20130096504	10/14/2011	10/15/2012	09/16/2014	10/15/2032	Utility	Active	Issued	Confiden IP	Confiden IP	Vascular Access Assembly and Safety Device	Patient Monitoring & Recovery - IMR - Mansfield	Shultz, Phillip (shapz); Shindles, Jeffrey (dehnt1); Evans, Tobiasz (dehnt1); Shindles, Edward (MTG-RS2)
H-KN-02618C*1	CN	20148021628.8		CN105120742A	08/15/2013	02/28/2014			National Stage	Active	Published	Confiden IP	Confiden IP	ELECTRODE CONNECTOR WITH A CONDUCTIVE MEMBER	Patient Monitoring & Recovery - IMR - Mansfield	Simpson, Bob (MTG-RS12)
H-KN-02618P*1	EP	14712425.9		2867396	08/15/2013	02/28/2014			National Stage	Active	Published	Confiden IP	Confiden IP	Electrode Connector with a Conductive Member	Patient Monitoring & Recovery - IMR - Mansfield	Simpson, Bob (MTG-RS12)
H-KN-02618J51	US	14/209278		2014075927	08/15/2013	03/14/2014			Utility	Active	Allowed	Confiden IP	Confiden IP	Electrode Connector Design to Aid in Correct Placement	Patient Monitoring & Recovery - IMR - Mansfield	Simpson, Bob (MTG-RS12)
S-RS50AU2	AU	2003300605	2003302605		06/7/2001	12/01/2008	03/11/2010	12/01/2023	National Stage	Active	Issued	Confiden IP	Confiden IP	SAFETY SHIELD FOR MEDICAL NEEDLES	Patient Monitoring & Recovery - IMR - Mansfield	Smith, Daniel (emthd59); Ferguson, Mark (fergums)
S-RS50J52	US	10/397812	7144389	0088215	06/7/2001	12/02/2002	12/05/2006	02/26/2022	Continuation in Part	Active	Issued	Confiden IP	Confiden IP	SAFETY SHIELD FOR MEDICAL NEEDLES	Patient Monitoring & Recovery - IMR - Mansfield	Smith, Daniel (emthd59); Ferguson, Mark (fergums)
H-KN-02070AU	AU	2007200818	2007200818		02/24/2006	02/23/2007	02/09/2012	02/23/2027	Utility	Active	Issued	Confiden IP	Confiden IP	Urine Collection Bag with Angled Valve Support	Patient Monitoring & Recovery - IMR - Mansfield	Shapton, Ryan (MTG-RS12); Salvador, Lawrence (MTG-RS3)
H-KN-02070CA	CA	2579897	2579897		02/24/2006	02/23/2007	0120/2015	02/23/2027	Utility	Active	Issued	Confiden IP	Confiden IP	URINE COLLECTION BAG WITH ANGLED VALVE/SUPPORT	Patient Monitoring & Recovery - IMR - Mansfield	Shapton, Ryan (MTG-RS12); Salvador, Lawrence (MTG-RS3)
H-KN-02070CN	CN	200710103549.3	21200710103549.3	CN101040820A	02/24/2006	02/25/2007	03/21/2012	02/25/2027	Utility	Active	Issued	Confiden IP	Confiden IP	Urine Collection Bag with Angled Valve Support	Patient Monitoring & Recovery - IMR - Mansfield	Shapton, Ryan (MTG-RS12); Salvador, Lawrence (MTG-RS3)
H-KN-02070DE	DE	07250782.5	60200706568.2.08	1823537	02/24/2006	02/23/2007	05/19/2010	02/23/2027	National Stage	Active	Issued	Confiden IP	Confiden IP	Urine Collection Bag with Angled Valve Support	Patient Monitoring & Recovery - IMR - Mansfield	Shapton, Ryan (MTG-RS12); Salvador, Lawrence (MTG-RS3)
H-KN-02070ES	ES	07250782.5	1825837	1823537	02/24/2006	02/23/2007	05/19/2010	02/23/2027	National Stage	Active	Issued	Confiden IP	Confiden IP	Urine Collection Bag with Angled Valve Support	Patient Monitoring & Recovery - IMR - Mansfield	Shapton, Ryan (MTG-RS12); Salvador, Lawrence (MTG-RS3)
H-KN-02070FR	FR	07250782.5	1825837	1823537	02/24/2006	02/23/2007	05/19/2010	02/23/2027	National Stage	Active	Issued	Confiden IP	Confiden IP	Urine Collection Bag with Angled Valve Support	Patient Monitoring & Recovery - IMR - Mansfield	Shapton, Ryan (MTG-RS12); Salvador, Lawrence (MTG-RS3)
H-KN-02070IT	IT	07250782.5	2702386/2010	1823537	02/24/2006	02/23/2007	06/18/2010	02/23/2027	National Stage	Active	Issued	Confiden IP	Confiden IP	Urine Collection Bag with Angled Valve Support	Patient Monitoring & Recovery - IMR - Mansfield	Shapton, Ryan (MTG-RS12); Salvador, Lawrence (MTG-RS3)
H-KN-02070JP	JP	2007.44728	5081470	2007.227639	02/24/2006	02/23/2007	09/07/2012	02/23/2027	Utility	Active	Issued	Confiden IP	Confiden IP	Urine Collection Bag with Angled Valve Support	Patient Monitoring & Recovery - IMR - Mansfield	Shapton, Ryan (MTG-RS12); Salvador, Lawrence (MTG-RS3)
H-KN-02070MX	MX	WM/1/2007/002228	287355		02/24/2006	02/23/2007	06/11/2009	02/23/2027	Utility	Active	Issued	Confiden IP	Confiden IP	Urine Collection Bag with Angled Valve Support	Patient Monitoring & Recovery - IMR - Mansfield	Shapton, Ryan (MTG-RS12); Salvador, Lawrence (MTG-RS3)
H-KN-02070US	US	11/362658	7464171	20070203465A1	02/24/2006	02/24/2006	12/09/2008	02/24/2026	Utility	Active	Issued	Confiden IP	Confiden IP	URINE COLLECTION BAG WITH ANGLED VALVE/SUPPORT	Patient Monitoring & Recovery - IMR - Mansfield	Shapton, Ryan (MTG-RS12); Salvador, Lawrence (MTG-RS3)
H-KN-02081JP	JP	2007.44708	5234888	2007.227638	02/24/2006	02/23/2007	04/05/2013	02/23/2027	Utility	Active	Issued	Confiden IP	Confiden IP	Urine Collection Bag with Integral Anti Reflux Valve	Patient Monitoring & Recovery - IMR - Mansfield	Shapton, Ryan (MTG-RS12); Salvador, Lawrence (MTG-RS3)
H-KN-02081MX	MX	WM/1/2007/002231	283434		02/24/2006	02/23/2007	0128/2011	02/23/2027	Utility	Active	Issued	Confiden IP	Confiden IP	Urine Collection Bag with Integral Anti Reflux Valve	Patient Monitoring & Recovery - IMR - Mansfield	Shapton, Ryan (MTG-RS12); Salvador, Lawrence (MTG-RS3)
H-KN-02081US	US	12/271885	9066690	2009086698	09/27/2007	09/17/2008	06/30/2015	05/24/2031	Utility	Active	Issued	Confiden IP	Confiden IP	Blood Collection Needle Assembly	Patient Monitoring & Recovery - IMR - Mansfield	Shapton, Ryan (MTG-RS12); Salvador, Lawrence (MTG-RS3)

Reference #	Country	App #	Patent #	Priority Date	App Date	Issue Date	Expiration Date	Mat'ng Sub- Type	Status	Sub Status	Current Owner	Assignee	Title	Abstract/Classification	Inventors
H-KN-023096-P	EP	1216581.2		04/27/2011	04/27/2012		04/27/2032	Utility	Active	Published	Confiden IP	Confiden IP	Method of securing IV catheter safety shield	Patent Monitoring & Recovery - PMR - Mansfield / Intravenous Access/Pre-fill / Other intravenous Access/Pre-fill	Stuebe, Gregory (Stuebe1)
H-KN-023096-A2	US	13/793953.3	8926563	04/27/2011	07/11/2013	01/06/2015	04/27/2032	Continuation	Active	Issued	Confiden IP	Confiden IP	Safety IV Catheter Assemblies	Patent Monitoring & Recovery - PMR - Mansfield / Intravenous Access/Pre-fill / Other intravenous Access/Pre-fill	Stuebe, Gregory (Stuebe1)
H-KN-011091-5	US	12/146657	8382722	06/30/2008	06/30/2008	02/26/2013	06/21/2029	Utility	Active	Issued	Confiden IP	Confiden IP	Shunt To Vial Access Cannula and Method for Manufacture	Patent Monitoring & Recovery - PMR - Mansfield / Needles & Syringes / Other Needles & Syringes	Stuebe, Gregory (Stuebe1)
H-KN-011091-51	US	13/764,158		US 2014, 0053953 A1	06/30/2008	02/11/2013		Divisional	Active	Published	Confiden IP	Confiden IP	Shunt To Vial Access Cannula and Method for Manufacture	Patent Monitoring & Recovery - PMR - Mansfield / Needles & Syringes / Other Needles & Syringes	Stuebe, Gregory (Stuebe1)
H-KN-00879A-11	AU	2008/45704	2008/45704	04/26/2007	04/26/2008	08/01/2013	04/26/2028	National Stage	Active	Issued	Confiden IP	Confiden AG	Multifunctional Medical Access Device	Patent Monitoring & Recovery - PMR - Mansfield / Blood Collection / Other Blood Collection	Stuebe, Gregory (Stuebe1)
H-KN-00879A-1	CA	2684744		04/26/2007	10/20/2009		10/20/2029	National Stage	Active	Allowed	Confiden IP	Confiden AG	Multifunctional Medical Access Device	Patent Monitoring & Recovery - PMR - Mansfield / Blood Collection / Other Blood Collection	Stuebe, Gregory (Stuebe1)
H-KN-00879E-1	EP	08/746863.5		04/26/2007	04/25/2008			National Stage	Active	Published	Confiden IP	Confiden AG	Multifunctional Medical Access Device	Patent Monitoring & Recovery - PMR - Mansfield / Blood Collection / Other Blood Collection	Stuebe, Gregory (Stuebe1)
H-KN-00879A-52	US	12/848575		04/26/2007	08/02/2010			Divisional	Active	Published	Confiden IP	Confiden AG	Multifunctional Medical Access Device	Patent Monitoring & Recovery - PMR - Mansfield / Blood Collection / Other Blood Collection	Stuebe, Gregory (Stuebe1)
H-KN-02640-DH-2	DE	1372435.6	2841143	04/27/2012	04/25/2013	06/01/2016	04/25/2033	National Stage	Active	Issued	Confiden IP	Confiden IP	Fluid Delivery Device	Patent Monitoring & Recovery - PMR - Mansfield / Intravenous Access/Pre-fill / Other intravenous Access/Pre-fill	Stuebe, Gregory (Stuebe1)
H-KN-02640-FR-3	FR	1372435.6	2841143	04/27/2012	04/25/2013	09/01/2016	04/25/2033	National Stage	Active	Issued	Confiden IP	Confiden IP	Fluid Delivery Device	Patent Monitoring & Recovery - PMR - Mansfield / Intravenous Access/Pre-fill / Other intravenous Access/Pre-fill	Stuebe, Gregory (Stuebe1)
H-KN-02640-GR-4	GR	1372435.6	2841143	04/27/2012	04/25/2013	06/01/2016	04/25/2033	National Stage	Active	Issued	Confiden IP	Confiden IP	Fluid Delivery Device	Patent Monitoring & Recovery - PMR - Mansfield / Intravenous Access/Pre-fill / Other intravenous Access/Pre-fill	Stuebe, Gregory (Stuebe1)
H-KN-02423E-PQ-2	EP	14183469.4		07/25/2012	07/25/2012			Divisional	Active	Published	Confiden IP	Confiden IP	Vascular Access Assembly and Safety Device	Patent Monitoring & Recovery - PMR - Mansfield / Intravenous Access/Pre-fill / Other intravenous Access/Pre-fill	Stuebe, Gregory (Stuebe1)
H-KN-02423U-SQ-4	US	14/486369		US 2015, 006718 A1	10/14/2011	09/15/2014		Continuation	Active	Published	Confiden IP	Confiden IP	Vascular Access Assembly and Safety Device	Patent Monitoring & Recovery - PMR - Mansfield / Intravenous Access/Pre-fill / Other intravenous Access/Pre-fill	Stuebe, Gregory (Stuebe1)
H-KN-02423U-S1	US	13/556451	8531467	07/25/2011	07/24/2012	11/26/2013	07/24/2032	Utility	Active	Issued	Confiden IP	Confiden IP	Vascular Access Assembly and Safety Device	Patent Monitoring & Recovery - PMR - Mansfield / Intravenous Access/Pre-fill / Other intravenous Access/Pre-fill	Stuebe, Gregory (Stuebe1)
H-KN-00486E-P	EP	12759962.8		09/30/2011	08/15/2012			National Stage	Active	Published	Confiden IP	Confiden IP	Pre-primed IV Access Port	Patent Monitoring & Recovery - PMR - Mansfield / Intravenous Access/Pre-fill / Other intravenous Access/Pre-fill	Stuebe, Gregory (Stuebe1)
H-KN-00486U-5	US	13/249367	8945087	09/30/2011	07/03/2015	09/30/2031		Utility	Active	Issued	Confiden IP	Confiden IP	Pre-primed IV Access Port	Patent Monitoring & Recovery - PMR - Mansfield / Intravenous Access/Pre-fill / Other intravenous Access/Pre-fill	Stuebe, Gregory (Stuebe1)
H-KN-00486U-S01	US	14/611622	9,352,138	09/30/2011	02/02/2015	05/31/2016	09/30/2031	Continuation	Active	Issued	Confiden IP	Confiden IP	Pre-primed IV Access Port	Patent Monitoring & Recovery - PMR - Mansfield / Intravenous Access/Pre-fill / Other intravenous Access/Pre-fill	Stuebe, Gregory (Stuebe1)
7064U-5	US	11/385177	8118773	03/21/2006	03/21/2006	02/21/2012	08/14/2029	Utility	Active	Issued	Confiden IP	Confiden IP	Oral Administration Device	Patent Monitoring & Recovery - PMR - Mansfield / Monitoring & Operating Room / Other MOOP	Stewart, Bradley (MITG-BMS)
7064U-51	US	13/368724	8508450	03/21/2006	02/08/2012	10/29/2013	03/21/2026	Divisional	Active	Issued	Confiden IP	Confiden IP	Oral Administration Device	Patent Monitoring & Recovery - PMR - Mansfield / Monitoring & Operating Room / Other MOOP	Stewart, Bradley (MITG-BMS)
H-KN-02950-CAN-2	CA	2023416		09/09/2013	09/09/2014			National Stage	Active	Filed	Confiden IP	Confiden IP	SCALD SELF-ACTIVATING INJECTION DEVICE FOR DELIVERY OF MEDICINE FROM A PRE-FILLED CARTRIDGE	Patent Monitoring & Recovery - PMR - Mansfield / Denial	Strader, David (Strad1)
H-KN-02950-EP-5	EP	14/746872.7		09/09/2013	09/09/2014			National Stage	Active	Published	Confiden IP	Confiden IP	SCALD SELF-ACTIVATING INJECTION DEVICE FOR DELIVERY OF MEDICINE FROM A PRE-FILLED CARTRIDGE	Patent Monitoring & Recovery - PMR - Mansfield / Denial	Strader, David (Strad1)
H-KN-02950-MX-4	MX	WM/A/2016/002933		09/09/2013	09/09/2014			National Stage	Active	Filed	Confiden IP	Confiden IP	SCALD SELF-ACTIVATING INJECTION DEVICE FOR DELIVERY OF MEDICINE FROM A PRE-FILLED CARTRIDGE	Patent Monitoring & Recovery - PMR - Mansfield / Denial	Strader, David (Strad1)
H-KN-02950-S01	US	14/481377	2015007353	09/09/2013	09/09/2014			Continuation	Active	Published	Confiden IP	Confiden IP	SCALD SELF-ACTIVATING INJECTION DEVICE FOR DELIVERY OF MEDICINE FROM A PRE-FILLED CARTRIDGE	Patent Monitoring & Recovery - PMR - Mansfield / Denial	Strader, David (Strad1)
H-KN-02969-CA-07	CA	16/7462		03/11/2016	03/11/2016			Design	Active	Filed	Confiden IP	Confiden IP	Single Use Device for Injection of Cartridge Drugs	Patent Monitoring & Recovery - PMR - Mansfield / Denial	Strader, David (Strad1)
H-KN-02969-CA-3	CA	2023171		09/09/2014	09/09/2014			National Stage	Active	Filed	Confiden IP	Confiden IP	SINGLE USE DEVICE FOR INJECTION OF CARTRIDGE DRUGS	Patent Monitoring & Recovery - PMR - Mansfield / Denial	Strader, David (Strad1)
H-KN-02969-CN-4	CN	2014800495.201X	CN105530964A	09/09/2013	09/09/2014			National Stage	Active	Published	Confiden IP	Confiden IP	SINGLE USE DEVICE FOR INJECTION OF CARTRIDGE DRUGS	Patent Monitoring & Recovery - PMR - Mansfield / Denial	Strader, David (Strad1)
H-KN-02969-FM-09	EU	00302325-0003		03/10/2016	03/10/2016			Design	Active	Filed	Confiden IP	Confiden IP	Syringe	Patent Monitoring & Recovery - PMR - Mansfield / Denial	Stueber, David (Stueber1)

Reference #	Country	App #	Patent #	Pub #	Priority Date	App Date	Issue Date	Expiration Date	Active Sub	Stage	Sub Status	Current Owner	Assignee	Title	Business Classification	Inventor
H-N-02969-EP-06	EP	1477178.5		EP304383.1	09/09/2013	09/09/2014			National Stage	Active	Published	Confiden LP	Confiden LP	Single Use Device for Injection of Cartridge Drugs	Patient Monitoring & Recovery - PMR - Mansfield	Swisher, David (swishd1); Tremblay, Kathleen (tremk1); Swisher, David (swishd1); Finkle, Melvin (finkm2)
H-N-02969-MX-N5	MX	MX/A/2016/002928			09/09/2013	09/09/2014			National Stage	Active	Filed	Confiden LP	Confiden LP	Single Use Device for Injection of Cartridge Drugs	Patient Monitoring & Recovery - PMR - Mansfield	Swisher, David (swishd1); Tremblay, Kathleen (tremk1); Swisher, David (swishd1); Finkle, Melvin (finkm2)
H-N-02969-US-13	US	29/557,475			09/09/2014	09/09/2016			Continuation	Active	Filed	Confiden LP	Confiden LP	Syringe	Patient Monitoring & Recovery - PMR - Mansfield	Swisher, David (swishd1); Tremblay, Kathleen (tremk1); Swisher, David (swishd1); Finkle, Melvin (finkm2)
H-N-02969-US-02	US	29/557,478			09/09/2016	09/09/2016			Design	Active	Filed	Confiden LP	Confiden LP	Syringe	Patient Monitoring & Recovery - PMR - Mansfield	Swisher, David (swishd1); Tremblay, Kathleen (tremk1); Swisher, David (swishd1); Finkle, Melvin (finkm2)
H-N-02969-SO-1	US	14/481393		20150073532	09/09/2013	09/09/2014			Utility	Active	Published	Confiden LP	Confiden LP	Single Use Device for Injection of Cartridge Drugs	Patient Monitoring & Recovery - PMR - Mansfield	Swisher, David (swishd1); Tremblay, Kathleen (tremk1); Swisher, David (swishd1); Finkle, Melvin (finkm2)
H-N-00094-CA	CA	2665368		2665368	12/27/2007	11/27/2008	05/06/2014	11/27/2028	Utility	Active	Issued	Confiden LP	Confiden LP	Bending Instrument for an Endoscope and Endoscope Set	Patient Monitoring & Recovery - PMR - Mansfield	Such, Dai (suchd1)
H-N-00094-US	US	12/277107		2009017154	12/27/2007	11/24/2008	08/24/2012	07/24/2030	Utility	Active	Issued	Confiden LP	Confiden LP	Bending Instrument for an Endoscope and Endoscope Set	Patient Monitoring & Recovery - PMR - Mansfield	Such, Dai (suchd1)
H-N-00086-CA	CA	2644874		2644874	11/30/2007	11/25/2008	05/08/2012	11/25/2028	Utility	Active	Issued	Confiden LP	Confiden LP	Endoscope System for Gastrostomy Catheter Placement	Patient Monitoring & Recovery - PMR - Mansfield	Such, Dai (suchd1); Ase, Kazuhito (mitg-ka)
H-N-00086-US	US	12/277090		20090143648	11/30/2007	11/24/2008	03/25/2014	12/04/2030	Utility	Active	Issued	Confiden LP	Confiden LP	Endoscope System for Gastrostomy Catheter Placement	Patient Monitoring & Recovery - PMR - Mansfield	Such, Dai (suchd1); Ase, Kazuhito (mitg-ka)
H-N-00084-US	US	11/62825		8506576	2007-01-06/956-A1	01/16/2006	08/13/2013	12/23/2029	Utility	Active	Issued	Confiden LP	Confiden LP	Gripping Tool	Patient Monitoring & Recovery - PMR - Mansfield	Such, Dai (suchd1); Kanie, Nobuatsu (kanen1)
H-N-00467-JP	JP	2008-553304		56439933	2009-525389	01/31/2006	10/24/2014	01/31/2027	National Stage	Active	Issued	Confiden LP	Confiden LP	SUPER SOFT FOAM5	Patient Monitoring & Recovery - PMR - Mansfield	Swaniker, Haneen (mitg-h56)
H-N-00467-MX	MX	MX/A/2008/009459		319552	01/31/2006	01/31/2007	04/23/2014	01/31/2027	National Stage	Active	Issued	Confiden LP	Confiden LP	SUPER SOFT FOAM5	Patient Monitoring & Recovery - PMR - Mansfield	Swaniker, Haneen (mitg-h56)
H-N-00467-SO-2	US	14/336,229		20140390235	01/31/2006	07/21/2014			Continuation	Active	Published	Confiden LP	Confiden LP	Super Soft Foams	Patient Monitoring & Recovery - PMR - Mansfield	Swaniker, Haneen (mitg-h56)
353594-CA-001	AU	201514834		364507	09/13/2015	09/11/2015	10/01/2015	09/11/2025	Design	Active	Issued	Confiden LP	Confiden LP	LIGHT - INHIBITING TRANSFER BAG	Patient Monitoring & Recovery - PMR - Mansfield	Swisher, David (swishd1)
353594-CA-001	CN	201530949828.3		Z1201330349828.3	09/13/2015	09/11/2015	01/27/2016	09/10/2025	Design	Active	Issued	Confiden LP	Confiden LP	LIGHT - INHIBITING TRANSFER BAG	Patient Monitoring & Recovery - PMR - Mansfield	Swisher, David (swishd1)
353594-CA-001	EU	002769349		002769349-0001	09/13/2015	09/09/2015	10/20/2015	09/09/2040	Design	Active	Issued	Confiden LP	Confiden LP	LIGHT - INHIBITING TRANSFER BAG	Patient Monitoring & Recovery - PMR - Mansfield	Swisher, David (swishd1)
353594-CA-002	EU	002769349		002769349-0002	09/13/2015	09/09/2015	10/20/2015	09/09/2040	Design	Active	Issued	Confiden LP	Confiden LP	LIGHT - INHIBITING TRANSFER BAG	Patient Monitoring & Recovery - PMR - Mansfield	Swisher, David (swishd1)
353594-CA-003	EU	002769349		002769349-0003	09/13/2015	09/09/2015	10/20/2015	09/09/2040	Design	Active	Issued	Confiden LP	Confiden LP	LIGHT - INHIBITING TRANSFER BAG	Patient Monitoring & Recovery - PMR - Mansfield	Swisher, David (swishd1)
353594-US-01	US	29/520,329		0774183	09/13/2015	09/13/2015	12/13/2016	12/13/2030	Design	Active	Issued	Confiden LP	Confiden LP	LIGHT - INHIBITING TRANSFER BAG	Patient Monitoring & Recovery - PMR - Mansfield	Swisher, David (swishd1)
353594-US-02	US	15/174,357		US 2016-0361235-A1	06/11/2015	06/06/2016			Utility	Active	Published	Confiden LP	Confiden LP	ADAPTER ASSEMBLY FOR ENTERAL FEEDING	Patient Monitoring & Recovery - PMR - Mansfield	Swisher, David (swishd1)
353594-US-03	WO	PC/J-152016/096111		WO 2016/200859	06/11/2015	06/08/2016		01/11/2018	Utility	Active	Published	Confiden LP	Confiden LP	ADAPTER ASSEMBLY FOR ENTERAL FEEDING	Patient Monitoring & Recovery - PMR - Mansfield	Swisher, David (swishd1)
353594-CA-001	AU	201516746		366401	06/11/2015	12/11/2015	01/07/2016	12/11/2025	Design	Active	Issued	Confiden LP	Confiden LP	Adapter Assembly for Enteral Feeding	Patient Monitoring & Recovery - PMR - Mansfield	Swisher, David (swishd1)
353594-CA-002	AU	201516748		366565	06/11/2015	12/11/2015	01/14/2016	12/11/2025	Design	Active	Issued	Confiden LP	Confiden LP	Adapter Assembly for Enteral Feeding	Patient Monitoring & Recovery - PMR - Mansfield	Swisher, David (swishd1)
353594-CA-001	CA	165862		165862	06/11/2015	12/10/2015	10/12/2016	10/12/2026	Design	Active	Issued	Confiden LP	Confiden LP	Adapter Assembly for Enteral Feeding	Patient Monitoring & Recovery - PMR - Mansfield	Swisher, David (swishd1)
353594-CA-001	CN	201530521027.0		Z1201350521027.0	06/11/2015	12/11/2015	08/24/2016	12/11/2025	Design	Active	Issued	Confiden LP	Confiden LP	Adapter Assembly for Enteral Feeding	Patient Monitoring & Recovery - PMR - Mansfield	Swisher, David (swishd1)
353594-CA-001	EU	002907005		002907005-0001	06/11/2015	12/11/2015	12/11/2015	12/11/2040	Design	Active	Issued	Confiden LP	Confiden LP	Adapter Assembly for Enteral Feeding	Patient Monitoring & Recovery - PMR - Mansfield	Swisher, David (swishd1)

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H-KN-0110768	GB	0916372.5	2140905	2140905	06/10/2008	06/15/2009	08/17/2011	06/17/2029	National Stage	Active	Issued	Confiden IP	Confiden IP	D/SCM NUTRIS ORAL TIP ADAPTOR	Patient Monitoring & Recovery - PMR - Mansfield	Suether, David (swisbdt); Dorsey, Michael (dorsen); Moser, Kevin (MITS-KCM); Hoyer, Richard (MIG-RH); Moser, Kimberly (MITS-KAM)
H-KN-0110712	JP	2009-153175	5534723	2010-29662	06/10/2008	06/29/2009	01/09/2014	06/29/2029	Utility	Active	Issued	Confiden IP	Confiden IP	D/SCM NUTRIS ORAL TIP ADAPTOR	Patient Monitoring & Recovery - PMR - Mansfield	Suether, David (swisbdt); Dally, Paul (MIG-DL); Moser, Kevin (MITS-KCM); Hoyer, Richard (MIG-RH); Moser, Kimberly (MITS-KAM)
H-KN-0136701	CA	2703429	2703429	2703429	05/11/2009	05/11/2009	05/11/2010	05/11/2030	Utility	Active	Issued	Confiden IP	Confiden IP	Discriminating Fluid Connection System	Patient Monitoring & Recovery - PMR - Mansfield	Suether, David (swisbdt); Dally, Paul (MIG-DL); Moser, Kevin (MITS-KCM); Hoyer, Richard (MIG-RH); Moser, Kimberly (MITS-KAM)
H-KN-0136701	JP	10004792.7	2251061	2251061	05/11/2009	05/06/2010	04/01/2014	07/29/2030	Utility	Active	Published	Confiden IP	Confiden IP	Discriminating Fluid Connection System	Patient Monitoring & Recovery - PMR - Mansfield	Suether, David (swisbdt); Dally, Paul (MIG-DL); Moser, Kevin (MITS-KCM); Hoyer, Richard (MIG-RH); Moser, Kimberly (MITS-KAM)
H-KN-0136701	US	127774839	8684979	2010028328	05/11/2009	05/06/2010	04/01/2014	07/29/2030	Utility	Active	Issued	Confiden IP	Confiden IP	Discriminating Fluid Connection System	Patient Monitoring & Recovery - PMR - Mansfield	Suether, David (swisbdt); Dally, Paul (MIG-DL); Moser, Kevin (MITS-KCM); Hoyer, Richard (MIG-RH); Moser, Kimberly (MITS-KAM)
H-KN-02397AU	AU	108627013	346328		09/07/2012	02/21/2013	05/06/2013	02/21/2033	Design	Active	Issued	Confiden IP	Confiden IP	CONSOLE	Patient Monitoring & Recovery - PMR - Mansfield	Suether, David (swisbdt); Dorsey, Michael (dorsen); Nutritional Care Internal Access
H-KN-02397CA	CA	149753	149753	149753	09/07/2012	02/13/2013	09/19/2014	09/19/2024	Design	Active	Issued	Confiden IP	Confiden IP	CONSOLE	Patient Monitoring & Recovery - PMR - Mansfield	Suether, David (swisbdt); Dorsey, Michael (dorsen); Nutritional Care Internal Access
H-KN-02397CN	CN	201330053916.X	21201330053916.X		09/07/2012	03/06/2013	10/23/2013	03/06/2023	Design	Active	Issued	Confiden IP	Confiden IP	CONSOLE	Patient Monitoring & Recovery - PMR - Mansfield	Suether, David (swisbdt); Dorsey, Michael (dorsen); Nutritional Care Internal Access
H-KN-02397EM	EU	001362701	001362701.0001		09/07/2012	02/21/2013	04/26/2013	02/21/2038	Design	Active	Issued	Confiden IP	Confiden IP	CONSOLE	Patient Monitoring & Recovery - PMR - Mansfield	Suether, David (swisbdt); Dorsey, Michael (dorsen); Nutritional Care Internal Access
H-KN-02397M1	EU	001362701	001362701.0002		09/07/2012	02/21/2013	04/26/2013	02/21/2038	Design	Active	Issued	Confiden IP	Confiden IP	CONSOLE	Patient Monitoring & Recovery - PMR - Mansfield	Suether, David (swisbdt); Dorsey, Michael (dorsen); Nutritional Care Internal Access
H-KN-02397JP	JP	2013-2740	1494729		09/07/2012	02/13/2013	03/07/2014	03/07/2034	Design	Active	Issued	Confiden IP	Confiden IP	CONSOLE FOR MEDICAL DEVICE	Patient Monitoring & Recovery - PMR - Mansfield	Suether, David (swisbdt); Dorsey, Michael (dorsen); Nutritional Care Internal Access
H-KN-02397D1V	JP	2014-2750	1507720		09/07/2012	02/13/2013	08/22/2014	03/07/2034	Divisional	Active	Issued	Confiden IP	Confiden IP	CONSOLE FOR MEDICAL DEVICE	Patient Monitoring & Recovery - PMR - Mansfield	Suether, David (swisbdt); Dorsey, Michael (dorsen); Nutritional Care Internal Access
H-KN-02397US	US	29491433	0735343		09/07/2012	09/07/2012	07/29/2015	07/29/2029	Design	Active	Issued	Confiden IP	Confiden IP	CONSOLE	Patient Monitoring & Recovery - PMR - Mansfield	Suether, David (swisbdt); Dorsey, Michael (dorsen); Nutritional Care Internal Access
H839KJ51	US	117852841	8287517	20080077176	09/16/2012	09/10/2007	10/16/2012	08/21/2029	Utility	Active	Issued	Confiden IP	Confiden IP	Safety Connector Assembly	Patient Monitoring & Recovery - PMR - Mansfield	Suether, David (swisbdt); Hanlon, James (COV-JV-GH); Vascular Compression
H839KJ53	US	131651799		US 2013-0282047 A1	09/10/2007	10/15/2012			Continuation	Active	Published	Confiden IP	Confiden IP	Safety Connector Assembly	Patient Monitoring & Recovery - PMR - Mansfield	Suether, David (swisbdt); Hanlon, James (COV-JV-GH); Vascular Compression
H-KN-01044US	US	127052282	8257287	2009-0240178-A1	03/10/2008	03/20/2008	09/04/2012	05/29/2031	Utility	Active	Issued	Confiden IP	Confiden IP	Safety Connector Assembly	Patient Monitoring & Recovery - PMR - Mansfield	Suether, David (swisbdt); Hanlon, James (COV-JV-GH); Vascular Compression
H-KN-0114QUS	US	127569074	9,572,720	2011-0077565-A1	09/29/2009	09/29/2009	02/21/2017	05/28/2035	Utility	Active	Allowed	Confiden IP	Confiden IP	Reduced Noise Pneumatic Compression Garment	Patient Monitoring & Recovery - PMR - Mansfield	Suether, David (swisbdt); Hanlon, James (COV-JV-GH); Vascular Compression
H-KN-01132US	US	127359793	8133039	20100189578	01/26/2009	01/26/2009	03/13/2012	08/31/2030	Utility	Active	Issued	Confiden IP	Confiden IP	Mount for a Compression Control Unit	Patient Monitoring & Recovery - PMR - Mansfield	Suether, David (swisbdt); Hanlon, James (COV-JV-GH); Vascular Compression
H-KN-01132US1	US	137356692	8414272	20120121444	01/26/2009	01/24/2012	04/09/2013	01/26/2029	Continuation	Active	Issued	Confiden IP	Confiden IP	Mount for a Compression Control Unit	Patient Monitoring & Recovery - PMR - Mansfield	Suether, David (swisbdt); Hanlon, James (COV-JV-GH); Vascular Compression
H-KN-01107US1	US	127465091	8777930	20090296481	06/20/2008	06/20/2009	07/15/2014	03/21/2033	Utility	Active	Issued	Confiden IP	Confiden IP	Discriminating Oral Tip Adaptor	Patient Monitoring & Recovery - PMR - Mansfield	Suether, David (swisbdt); Moser, Kevin (MIG-KCM); Nutritional Care Internal Access
H-KN-00264US	US	117179090	7828773	20070016138	07/11/2005	07/11/2005	11/09/2010	09/07/2029	Utility	Active	Issued	Confiden IP	Confiden IP	Safety Reseal Key and Needle Assembly	Patient Monitoring & Recovery - PMR - Mansfield	Suether, David (swisbdt); Moser, Kimberly (MITS-KAM); Diaplectic
H-KN-00264US1	US	127892969	8162889	20110001579	07/11/2005	09/29/2010	04/24/2012	07/11/2025	Continuation	Active	Issued	Confiden IP	Confiden IP	Safety Reseal Key and Needle Assembly	Patient Monitoring & Recovery - PMR - Mansfield	Suether, David (swisbdt); Moser, Kimberly (MITS-KAM); Diaplectic
H-KN-00678US	US	11793864	8357104	20090118659	11/01/2007	11/01/2007	01/22/2013	06/20/2030	Utility	Active	Issued	Confiden IP	Confiden IP	Active Style Safety Shield	Patient Monitoring & Recovery - PMR - Mansfield	Suether, David (swisbdt); Moser, Kimberly (MITS-KAM); Diaplectic
SS5912-1EJ02	EU	001432264-0002	001432264		11/06/2014	03/19/2015	04/27/2015	03/19/2040	Design	Active	Issued	Confiden IP	Confiden IP	Male and Female Intraoral Tubing Connector	Patient Monitoring & Recovery - PMR - Mansfield	Suether, David (swisbdt); Schuessler, Wayne (schew); Nutritional Care Internal Access
SS5912-1EJ03	EU	001432264-0003	001432264		11/06/2014	03/19/2015	04/27/2015	03/19/2040	Design	Active	Issued	Confiden IP	Confiden IP	Male and Female Intraoral Tubing Connector	Patient Monitoring & Recovery - PMR - Mansfield	Suether, David (swisbdt); Schuessler, Wayne (schew); Nutritional Care Internal Access

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353912.EJ.D4	EU	001432264-0004	001432264		11/06/2014	03/19/2015	04/27/2015	03/19/2040	Design	Active	Issued	Confiden LP	Confiden LP	Male and Female Enteral Tubing Connector	Patent Monitoring & Recovery - PMR - Mansfield	Swisher, David (swishd1); Schuessler, Wayne (schuew1)
353912.EJ.D5	EU	001432264-0005	001432264		11/06/2014	03/19/2015	04/27/2015	03/19/2040	Design	Active	Issued	Confiden LP	Confiden LP	Male and Female Enteral Tubing Connector	Patent Monitoring & Recovery - PMR - Mansfield	Swisher, David (swishd1); Schuessler, Wayne (schuew1)
353912A.U.01	AU	201511377	961201		11/06/2014	03/13/2015	04/15/2015	03/13/2025	Design	Active	Issued	Confiden LP	Confiden LP	Female Enteral Tubing Connector	Patent Monitoring & Recovery - PMR - Mansfield	Swisher, David (swishd1); Schuessler, Wayne (schuew1)
353912C.A.01	CA	161504	161504		11/06/2014	03/12/2015	01/21/2016	01/21/2026	Design	Active	Issued	Confiden LP	Confiden LP	Female Enteral Tubing Connector	Patent Monitoring & Recovery - PMR - Mansfield	Swisher, David (swishd1); Schuessler, Wayne (schuew1)
353912C.N.01	CN	20153007719.1	Z120153007719.1		11/06/2014	03/25/2015	03/25/2015	03/25/2025	Design	Active	Issued	Confiden LP	Confiden LP	Female Enteral Tubing Connector	Patent Monitoring & Recovery - PMR - Mansfield	Swisher, David (swishd1); Schuessler, Wayne (schuew1)
353912E.M.01	EU	001432264-0001	001432264		11/06/2014	03/19/2015	04/27/2015	03/19/2040	Design	Active	Issued	Confiden LP	Confiden LP	Male and Female Enteral Tubing Connector	Patent Monitoring & Recovery - PMR - Mansfield	Swisher, David (swishd1); Schuessler, Wayne (schuew1)
353912I.P.01	JP	2015-9838	1560017		11/06/2014	05/01/2015	09/02/2016	03/02/2036	Design	Active	Issued	Confiden LP	Confiden LP	Enteral Tubing Connector	Patent Monitoring & Recovery - PMR - Mansfield	Swisher, David (swishd1); Schuessler, Wayne (schuew1)
353912M.M.01	MX	MX/2015/000998			11/06/2014	03/24/2015			Design	Active	Allowed	Confiden LP	Confiden LP	Female Enteral Tubing Connector	Patent Monitoring & Recovery - PMR - Mansfield	Swisher, David (swishd1); Schuessler, Wayne (schuew1)
353912S.G.01	SG	30201500631X	30201500631X		11/06/2014	03/13/2015	04/23/2015	03/13/2030	Design	Active	Issued	Confiden LP	Confiden LP	Female Enteral Tubing Connector	Patent Monitoring & Recovery - PMR - Mansfield	Swisher, David (swishd1); Schuessler, Wayne (schuew1)
353912I.S.01	US	Z9/508423			11/06/2014	11/06/2014			Design	Active	Allowed	Confiden LP	Confiden LP	Female Enteral Tubing Connector	Patent Monitoring & Recovery - PMR - Mansfield	Swisher, David (swishd1); Schuessler, Wayne (schuew1)
353912A.U.01	AU	201511690	361498		11/06/2014	03/30/2015	11/30/2015	03/30/2025	Design	Active	Issued	Confiden LP	Confiden LP	Male Enteral Tubing Connector	Patent Monitoring & Recovery - PMR - Mansfield	Swisher, David (swishd1); Schuessler, Wayne (schuew1)
353912C.A.01	CA	161896			11/06/2014	04/01/2015			Design	Active	Filed	Confiden LP	Confiden LP	Male Enteral Tubing Connector	Patent Monitoring & Recovery - PMR - Mansfield	Swisher, David (swishd1); Schuessler, Wayne (schuew1)
353912C.N.01	CN	201530128322.5	Z1201530128322.5		11/06/2014	05/06/2015	10/07/2015	05/06/2025	Design	Active	Issued	Confiden LP	Confiden LP	Male Enteral Tubing Connector	Patent Monitoring & Recovery - PMR - Mansfield	Swisher, David (swishd1); Schuessler, Wayne (schuew1)
353912I.P.01	JP	2015-9862	1560018		11/06/2014	05/01/2015	09/02/2016	03/02/2036	Design	Active	Issued	Confiden LP	Confiden LP	Male Enteral Tubing Connector	Patent Monitoring & Recovery - PMR - Mansfield	Swisher, David (swishd1); Schuessler, Wayne (schuew1)
353912M.M.01	MX	MX/2015/001133			11/06/2014	04/01/2015			Design	Active	Filed	Confiden LP	Confiden LP	Male Enteral Tubing Connector	Patent Monitoring & Recovery - PMR - Mansfield	Swisher, David (swishd1); Schuessler, Wayne (schuew1)
353912S.G.01	SG	30201500726T	30201500726T		11/06/2014	03/27/2015	05/12/2015	03/27/2030	Design	Active	Issued	Confiden LP	Confiden LP	Male Enteral Tubing Connector	Patent Monitoring & Recovery - PMR - Mansfield	Swisher, David (swishd1); Schuessler, Wayne (schuew1)
353912I.S.01	US	Z9/508425			11/06/2014	11/06/2014			Design	Active	Filed	Confiden LP	Confiden LP	Male Enteral Tubing Connector	Patent Monitoring & Recovery - PMR - Mansfield	Swisher, David (swishd1); Schuessler, Wayne (schuew1)
353912S.U.02	US	14/955,660			12/02/2014	12/01/2015			Utility	Active	Published	Confiden LP	Confiden LP	Adapter Assembly for Enteral Feeding and Method of Making	Patent Monitoring & Recovery - PMR - Mansfield	Swisher, David (swishd1); Walker, Sandra (walkes13); Dorsey, Michael (dorsemt)
353912W.O.02	WO	PC/2015/003187			12/02/2014	12/01/2015		07/02/2017	Utility	Active	Published	Confiden LP	Confiden LP	Adapter Assembly for Enteral Feeding and Method of Making	Patent Monitoring & Recovery - PMR - Mansfield	Swisher, David (swishd1); Walker, Sandra (walkes13); Dorsey, Michael (dorsemt)
353912I.C.A.6	CA	167620	167620		12/02/2014	03/21/2016	10/12/2016	10/12/2026	Divisional	Active	Issued	Confiden LP	Confiden LP	Medical Adapter Assembly	Patent Monitoring & Recovery - PMR - Mansfield	Swisher, David (swishd1); Walker, Sandra (walkes13); Dorsey, Michael (dorsemt)
353912I.C.A.7	CA	167621	167621		12/02/2014	03/21/2016	10/12/2016	10/12/2026	Divisional	Active	Issued	Confiden LP	Confiden LP	Medical Adapter Assembly	Patent Monitoring & Recovery - PMR - Mansfield	Swisher, David (swishd1); Walker, Sandra (walkes13); Dorsey, Michael (dorsemt)
353912A.U.01	AU	201512310	362803		12/02/2014	05/14/2015	07/21/2015	05/14/2025	Design	Active	Issued	Confiden LP	Confiden LP	Medical Adapter Assembly	Patent Monitoring & Recovery - PMR - Mansfield	Swisher, David (swishd1); Walker, Sandra (walkes13); Dorsey, Michael (dorsemt)
353912A.U.02	AU	201512311	362847		12/02/2014	05/14/2015	06/17/2015	05/14/2025	Design	Active	Issued	Confiden LP	Confiden LP	Medical Adapter Assembly	Patent Monitoring & Recovery - PMR - Mansfield	Swisher, David (swishd1); Walker, Sandra (walkes13); Dorsey, Michael (dorsemt)
353912C.A.01	CA	162375	162337		12/02/2014	05/08/2015	10/12/2016	10/12/2026	Design	Active	Issued	Confiden LP	Confiden LP	ADAPTER FOR FACILITATING WITHDRAWAL OF LIQUID FROM A SOURCE	Patent Monitoring & Recovery - PMR - Mansfield	Swisher, David (swishd1); Walker, Sandra (walkes13); Dorsey, Michael (dorsemt)

Reference #	Country	App #	Patent #	Pub #	Priority Date	App Date	Issue Date	Expiration Date	Medical Sub-System	Status	Sub-System	Current Owner	Assignee	Title	Business Classification	Inventors
3560125003	CA	20150100042.9	250035015452.9		12/02/2015	05/02/2015	12/02/2015	05/02/2035	Device	Active	Device	Confiden LP	Confiden LP	Medical Adapter Assembly	Patient Monitoring & Recovery - PNR - Mansfield	Swisher, David (swishd1); Walker, Sandra (walkes13); Eckeroth, Timothy (eckert1)
3560125001	EU	002698373	002698373.0001		12/02/2014	05/12/2015	04/22/2015	05/12/2040	Design	Active	Issued	Confiden LP	Confiden LP	Medical Adapter Assembly	Patient Monitoring & Recovery - PNR - Mansfield	Swisher, David (swishd1); Walker, Sandra (walkes13); Eckeroth, Timothy (eckert1)
3560125002	EU	002698373	002698373.0002		12/02/2014	05/12/2015	04/22/2015	05/12/2040	Continuation	Active	Issued	Confiden LP	Confiden LP	Medical Adapter Assembly	Patient Monitoring & Recovery - PNR - Mansfield	Swisher, David (swishd1); Walker, Sandra (walkes13); Eckeroth, Timothy (eckert1)
3560125003	EU	002698373	002698373.0003		12/02/2014	05/12/2015	04/22/2015	05/12/2040	Continuation	Active	Issued	Confiden LP	Confiden LP	Medical Adapter Assembly	Patient Monitoring & Recovery - PNR - Mansfield	Swisher, David (swishd1); Walker, Sandra (walkes13); Eckeroth, Timothy (eckert1)
3560125004	EU	002698373	002698373.0004		12/02/2014	05/12/2015	04/22/2015	05/12/2040	Continuation	Active	Issued	Confiden LP	Confiden LP	Medical Adapter Assembly	Patient Monitoring & Recovery - PNR - Mansfield	Swisher, David (swishd1); Walker, Sandra (walkes13); Eckeroth, Timothy (eckert1)
3560125005	EU	002698373	002698373.0005		12/02/2014	05/12/2015	04/22/2015	05/12/2040	Continuation	Active	Issued	Confiden LP	Confiden LP	Medical Adapter Assembly	Patient Monitoring & Recovery - PNR - Mansfield	Swisher, David (swishd1); Walker, Sandra (walkes13); Eckeroth, Timothy (eckert1)
3560125001	JP	2015.10560	1541669		12/02/2014	05/12/2015	09/16/2016	05/16/2036	Design	Active	Issued	Confiden LP	Confiden LP	Medical Adapter (embodiment 1)	Patient Monitoring & Recovery - PNR - Mansfield	Swisher, David (swishd1); Walker, Sandra (walkes13); Eckeroth, Timothy (eckert1)
3560125002	JP	2015.10561	1541669		12/02/2014	05/12/2015	12/11/2015	12/11/2035	Design	Active	Issued	Confiden LP	Confiden LP	Medical Adapter Assembly	Patient Monitoring & Recovery - PNR - Mansfield	Swisher, David (swishd1); Walker, Sandra (walkes13); Eckeroth, Timothy (eckert1)
3560125601	SG	30201500991V	30201500991Y		12/02/2014	05/12/2015	05/12/2015	05/12/2030	Design	Active	Issued	Confiden LP	Confiden LP	Medical Adapter Assembly	Patient Monitoring & Recovery - PNR - Mansfield	Swisher, David (swishd1); Walker, Sandra (walkes13); Eckeroth, Timothy (eckert1)
3560125602	SG	30201500992T	30201500992T		12/02/2014	05/12/2015	05/12/2015	05/12/2030	Design	Active	Issued	Confiden LP	Confiden LP	Adapter Assembly	Patient Monitoring & Recovery - PNR - Mansfield	Swisher, David (swishd1); Walker, Sandra (walkes13); Eckeroth, Timothy (eckert1)
3560125602	US	15/174.315		US 2016-0361497 A1	06/11/2015	06/06/2016			Utility	Active	Published	Confiden LP	Confiden LP	EXTERNAL FEEDING SYRINGE ASSEMBLY	Patient Monitoring & Recovery - PNR - Mansfield	Swisher, David (swishd1); Walker, Sandra (walkes13); Eckeroth, Timothy (eckert1)
3560125603	WO	PCT/US2016/056306		WO 2016/200857	06/11/2015	06/08/2016		07/11/2018	Utility	Active	Published	Confiden LP	Confiden LP	EXTERNAL FEEDING SYRINGE ASSEMBLY	Patient Monitoring & Recovery - PNR - Mansfield	Swisher, David (swishd1); Walker, Sandra (walkes13); Eckeroth, Timothy (eckert1)
3560125601	CN	20153021024.7			06/11/2015	12/11/2015			Design	Active	Allowed	Confiden LP	Confiden LP	External Feeding Syringe	Patient Monitoring & Recovery - PNR - Mansfield	Swisher, David (swishd1); Walker, Sandra (walkes13); Eckeroth, Timothy (eckert1)
3560125601	EU	002907105	002907105.0003		06/11/2015	12/11/2015	12/11/2015	12/11/2040	Design	Active	Issued	Confiden LP	Confiden LP	External Feeding Syringe	Patient Monitoring & Recovery - PNR - Mansfield	Swisher, David (swishd1); Walker, Sandra (walkes13); Eckeroth, Timothy (eckert1)
3560125601	US	201530000			06/11/2015	06/11/2015			Design	Active	Allowed	Confiden LP	Confiden LP	External Feeding Syringe	Patient Monitoring & Recovery - PNR - Mansfield	Swisher, David (swishd1); Walker, Sandra (walkes13); Eckeroth, Timothy (eckert1)
3560125601	US	11/705981	8382730	20080202969	02/14/2007	02/14/2007	02/26/2013	07/21/2028	Utility	Active	Issued	Confiden LP	Confiden LP	Surgical Fluid Basin	Patient Monitoring & Recovery - PNR - Mansfield	Tajer, Mark (MTG-MT3)
3560125601	US	201789627	D597203		02/14/2007	07/26/2007	07/28/2009	07/28/2023	Design	Active	Issued	Confiden LP	Confiden LP	Fluid Basin	Patient Monitoring & Recovery - PNR - Mansfield	Tajer, Mark (MTG-MT3)
3560125601	US	2017200145	D523147		02/23/2004	02/23/2004	06/13/2006	06/13/2020	Design	Active	Issued	Confiden LP	Confiden LP	COMPRESSOR SLEEVE	Patient Monitoring & Recovery - PNR - Mansfield	Tajer, Mark (MTG-MT3)
3560125601	US	201709966	D506553		02/23/2004	02/23/2004	06/21/2005	06/21/2019	Design	Active	Issued	Confiden LP	Confiden LP	COMPRESSOR SLEEVE	Patient Monitoring & Recovery - PNR - Mansfield	Tajer, Mark (MTG-MT3)
3560125601	AU	2011204993	2011204993		07/29/2010	07/29/2011	06/19/2014	07/26/2031	Utility	Active	Issued	Confiden LP	Confiden LP	EGG ADAPTER SYSTEM AND METHOD	Patient Monitoring & Recovery - PNR - Mansfield	Theodorou, Dimitrios (theod1); Coggin, Scott (coggs11); Jolley, Steven (MTG-SAJ); Callahan, Mark (MTG-MJC)
3560125601	CA	2746944			07/29/2010	07/21/2011			Utility	Active	Published	Confiden LP	Confiden LP	EGG ADAPTER SYSTEM AND METHOD	Patient Monitoring & Recovery - PNR - Mansfield	Theodorou, Dimitrios (theod1); Coggin, Scott (coggs11); Jolley, Steven (MTG-SAJ); Callahan, Mark (MTG-MJC)
3560125601	CN	201110067881.X	ZL 201111027881.X	CN102440772A	07/29/2010	07/29/2011	01/27/2016	07/29/2031	Utility	Active	Issued	Confiden LP	Confiden LP	EGG ADAPTER SYSTEM AND METHOD	Patient Monitoring & Recovery - PNR - Mansfield	Theodorou, Dimitrios (theod1); Coggin, Scott (coggs11); Jolley, Steven (MTG-SAJ); Callahan, Mark (MTG-MJC)
3560125601	EP	11006002.7			07/29/2010	07/22/2011			Utility	Active	Published	Confiden LP	Confiden LP	EGG ADAPTER SYSTEM AND METHOD	Patient Monitoring & Recovery - PNR - Mansfield	Theodorou, Dimitrios (theod1); Coggin, Scott (coggs11); Jolley, Steven (MTG-SAJ); Callahan, Mark (MTG-MJC)
3560125601	US	13/192022	8548160	20130028504	07/29/2010	07/27/2011	10/29/2013	11/02/2031	Utility	Active	Issued	Confiden LP	Confiden LP	EGG Adapter System and Method	Patient Monitoring & Recovery - PNR - Mansfield	Theodorou, Dimitrios (theod1); Coggin, Scott (coggs11); Jolley, Steven (MTG-SAJ); Callahan, Mark (MTG-MJC)
3560125601	AT	99945965.2	E 310347	EP41011739	09/10/1997	09/03/1998	11/23/2005	09/03/2018	National Stage	Active	Issued	Confiden LP	Confiden LP	MEDICAL NEEDLE SAFETY APPARATUS AND METHODS	Patient Monitoring & Recovery - PNR - Mansfield	Thorne, David (MTG-DT1)

Reference #	Country	App #	Patent #	Pub #	Priority Date	App Date	Issue Date	Expiration Date	Active Sub- Type	Status	Sub Status	Current Owner	Assignee	Title	Business Classification	Inventors
S-8486AU	AU	9306/98	745765	745765	09/10/1997	09/03/1998	07/11/2002	09/03/2018	National Stage	Active	Issued	Confiden IP	Confiden IP	MEDICAL NEEDLE SAFETY APPARATUS AND METHODS	Patient Monitoring & Recovery - IMR - Mansfield Needles & Syringes (Other Needles & Syringes)	Thorne, David (MTIG-D-17)
S-8486BE	BE	98945905.2	10117598	EP1011759	09/10/1997	09/03/1998	11/23/2005	09/03/2018	National Stage	Active	Issued	Confiden IP	Confiden IP	MEDICAL NEEDLE SAFETY APPARATUS AND METHODS	Patient Monitoring & Recovery - IMR - Mansfield Needles & Syringes (Other Needles & Syringes)	Thorne, David (MTIG-D-17)
S-8486BR	BR	P19811644-4	P19811644.4		09/10/1997	09/03/1998	04/23/2006	09/03/2018	National Stage	Active	Issued	Confiden IP	Confiden IP	MEDICAL NEEDLE SAFETY APPARATUS AND METHODS	Patient Monitoring & Recovery - IMR - Mansfield Needles & Syringes (Other Needles & Syringes)	Thorne, David (MTIG-D-17)
S-8486CA	CA	2302622	2302622	2302622	09/10/1997	09/03/1998	01/4/2007	09/03/2018	National Stage	Active	Issued	Confiden IP	Confiden IP	MEDICAL NEEDLE SAFETY APPARATUS AND METHODS	Patient Monitoring & Recovery - IMR - Mansfield Needles & Syringes (Other Needles & Syringes)	Thorne, David (MTIG-D-17)
S-8486CH	CH	98945905.2	10117598	EP1011759	09/10/1997	09/03/1998	11/23/2005	09/03/2018	National Stage	Active	Issued	Confiden IP	Confiden IP	MEDICAL NEEDLE SAFETY APPARATUS AND METHODS	Patient Monitoring & Recovery - IMR - Mansfield Needles & Syringes (Other Needles & Syringes)	Thorne, David (MTIG-D-17)
S-8486CN/DIV	CN	Z200510003536.X	Z200510003536.X	CN1799502A	09/10/1997	09/03/1998	11/12/2008	09/03/2018	Divisional	Active	Issued	Confiden IP	Confiden IP	MEDICAL NEEDLE SAFETY APPARATUS AND METHODS	Patient Monitoring & Recovery - IMR - Mansfield Needles & Syringes (Other Needles & Syringes)	Thorne, David (MTIG-D-17)
S-8486CZ	CZ	PV 2000-817	296796		09/10/1997	09/03/1998	05/03/2006	09/03/2018	National Stage	Active	Issued	Confiden IP	Confiden IP	MEDICAL NEEDLE SAFETY APPARATUS AND METHODS	Patient Monitoring & Recovery - IMR - Mansfield Needles & Syringes (Other Needles & Syringes)	Thorne, David (MTIG-D-17)
S-8486DE	DE	98945905.2	10117598	EP1011759	09/10/1997	09/03/1998	11/23/2005	09/03/2018	National Stage	Active	Issued	Confiden IP	Confiden IP	MEDICAL NEEDLE SAFETY APPARATUS AND METHODS	Patient Monitoring & Recovery - IMR - Mansfield Needles & Syringes (Other Needles & Syringes)	Thorne, David (MTIG-D-17)
S-8486DK	DK	98945905.2	10117598	EP1011759	09/10/1997	09/03/1998	11/23/2005	09/03/2018	National Stage	Active	Issued	Confiden IP	Confiden IP	MEDICAL NEEDLE SAFETY APPARATUS AND METHODS	Patient Monitoring & Recovery - IMR - Mansfield Needles & Syringes (Other Needles & Syringes)	Thorne, David (MTIG-D-17)
S-8486FI	FI	98945905.2	10117598	EP1011759	09/10/1997	09/03/1998	11/23/2005	09/03/2018	National Stage	Active	Issued	Confiden IP	Confiden IP	MEDICAL NEEDLE SAFETY APPARATUS AND METHODS	Patient Monitoring & Recovery - IMR - Mansfield Needles & Syringes (Other Needles & Syringes)	Thorne, David (MTIG-D-17)
S-8486FR	FR	98945905.2	10117598	EP1011759	09/10/1997	09/03/1998	11/23/2005	09/03/2018	National Stage	Active	Issued	Confiden IP	Confiden IP	MEDICAL NEEDLE SAFETY APPARATUS AND METHODS	Patient Monitoring & Recovery - IMR - Mansfield Needles & Syringes (Other Needles & Syringes)	Thorne, David (MTIG-D-17)
S-8486GB	GB	98945905.2	10117598	EP1011759	09/10/1997	09/03/1998	11/23/2005	09/03/2018	National Stage	Active	Issued	Confiden IP	Confiden IP	MEDICAL NEEDLE SAFETY APPARATUS AND METHODS	Patient Monitoring & Recovery - IMR - Mansfield Needles & Syringes (Other Needles & Syringes)	Thorne, David (MTIG-D-17)
S-8486GR	GR	98945905.2	10117598	EP1011759	09/10/1997	09/03/1998	11/23/2005	09/03/2018	National Stage	Active	Issued	Confiden IP	Confiden IP	MEDICAL NEEDLE SAFETY APPARATUS AND METHODS	Patient Monitoring & Recovery - IMR - Mansfield Needles & Syringes (Other Needles & Syringes)	Thorne, David (MTIG-D-17)
S-8486HK	HK	011010298.8	HK1029538	1029538A	09/10/1997	09/03/1998	06/16/2006	09/03/2018	Utility	Active	Issued	Confiden IP	Confiden IP	MEDICAL NEEDLE SAFETY APPARATUS AND METHODS	Patient Monitoring & Recovery - IMR - Mansfield Needles & Syringes (Other Needles & Syringes)	Thorne, David (MTIG-D-17)
S-8486HK	HK	06109676.6	HK1089917	1089917A	09/10/1997	06/30/2006	05/15/2009	08/30/2026	National Stage	Active	Issued	Confiden IP	Confiden IP	MEDICAL NEEDLE SAFETY APPARATUS AND METHODS	Patient Monitoring & Recovery - IMR - Mansfield Needles & Syringes (Other Needles & Syringes)	Thorne, David (MTIG-D-17)
S-8486IE	IE	98945905.2	10117598	EP1011759	09/10/1997	09/03/1998	11/23/2005	09/03/2018	National Stage	Active	Issued	Confiden IP	Confiden IP	MEDICAL NEEDLE SAFETY APPARATUS AND METHODS	Patient Monitoring & Recovery - IMR - Mansfield Needles & Syringes (Other Needles & Syringes)	Thorne, David (MTIG-D-17)
S-8486IL	IL	134980	134980		09/10/1997	09/03/1998	02/01/2007	09/03/2018	National Stage	Active	Issued	Confiden IP	Confiden IP	MEDICAL NEEDLE SAFETY APPARATUS AND METHODS	Patient Monitoring & Recovery - IMR - Mansfield Needles & Syringes (Other Needles & Syringes)	Thorne, David (MTIG-D-17)
S-8486IN	IN	11995/DEU/1998	2328648	11995/DEU/1998	09/10/1997	07/13/1998	03/30/2009	07/13/2018	Utility	Active	Issued	Confiden IP	Confiden IP	A Safety Apparatus For Sheathing A Medical Needle And The Method For The Same	Patient Monitoring & Recovery - IMR - Mansfield Needles & Syringes (Other Needles & Syringes)	Thorne, David (MTIG-D-17)
S-8486JP	JP	2000-510467	4330792		09/10/1997	09/03/1998	04/24/2009	09/03/2018	National Stage	Active	Issued	Confiden IP	Confiden IP	MEDICAL NEEDLE SAFETY APPARATUS AND METHODS	Patient Monitoring & Recovery - IMR - Mansfield Needles & Syringes (Other Needles & Syringes)	Thorne, David (MTIG-D-17)
S-8486JP/DIV	JP	2009-43379	4889755	2009-112845	09/10/1997	09/03/1998	12/22/2011	09/03/2018	Divisional	Active	Issued	Confiden IP	Confiden IP	SAFETY DEVICE FOR MEDICAL INJECTION NEEDLE	Patient Monitoring & Recovery - IMR - Mansfield Needles & Syringes (Other Needles & Syringes)	Thorne, David (MTIG-D-17)
S-8486LU	LU	98945905.2	10117598	EP1011759	09/10/1997	09/03/1998	11/23/2005	09/03/2018	National Stage	Active	Issued	Confiden IP	Confiden IP	MEDICAL NEEDLE SAFETY APPARATUS AND METHODS	Patient Monitoring & Recovery - IMR - Mansfield Needles & Syringes (Other Needles & Syringes)	Thorne, David (MTIG-D-17)
S-8486MX	MX	PA/9/2000/002067	226352		09/10/1997	09/03/1998	02/16/2005	09/03/2018	National Stage	Active	Issued	Confiden IP	Confiden IP	MEDICAL NEEDLE SAFETY APPARATUS AND METHODS	Patient Monitoring & Recovery - IMR - Mansfield Needles & Syringes (Other Needles & Syringes)	Thorne, David (MTIG-D-17)
S-8486NL	NL	98945905.2	10117598	EP1011759	09/10/1997	09/03/1998	11/23/2005	09/03/2018	National Stage	Active	Issued	Confiden IP	Confiden IP	MEDICAL NEEDLE SAFETY APPARATUS AND METHODS	Patient Monitoring & Recovery - IMR - Mansfield Needles & Syringes (Other Needles & Syringes)	Thorne, David (MTIG-D-17)
S-8486NO	NO	20001236	376647		09/10/1997	09/03/1998	09/08/2008	09/03/2018	National Stage	Active	Issued	Confiden IP	Confiden IP	MEDICAL NEEDLE SAFETY APPARATUS AND METHODS	Patient Monitoring & Recovery - IMR - Mansfield Needles & Syringes (Other Needles & Syringes)	Thorne, David (MTIG-D-17)

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S-8486N2	NZ	503865	503865		09/10/1997	09/03/1998	08/07/2003	09/03/2018	National Stage	Active	Issued	Coriden IP	Coriden IP	MEDICAL NEEDLE SAFETY APPARATUS AND METHODS	Patient Monitoring & Recovery - IMR - Mansfield Needles & Syringes - Other Needles & Syringes	Thorne, David (MITG-D-17)
S-8486P7	PT	98945905.2	10117598	EP41011759	09/10/1997	09/03/1998	11/23/2005	09/03/2018	National Stage	Active	Issued	Coriden IP	Coriden IP	MEDICAL NEEDLE SAFETY APPARATUS AND METHODS	Patient Monitoring & Recovery - IMR - Mansfield Needles & Syringes - Other Needles & Syringes	Thorne, David (MITG-D-17)
S-8486E	SE	98945905.2	10117598	EP41011759	09/10/1997	09/03/1998	11/23/2005	09/03/2018	National Stage	Active	Issued	Coriden IP	Coriden IP	MEDICAL NEEDLE SAFETY APPARATUS AND METHODS	Patient Monitoring & Recovery - IMR - Mansfield Needles & Syringes - Other Needles & Syringes	Thorne, David (MITG-D-17)
S-8486G	SG	20000542.1	20787		09/10/1997	09/03/1998	06/30/2003	09/03/2018	National Stage	Active	Issued	Coriden IP	Coriden IP	MEDICAL NEEDLE SAFETY APPARATUS AND METHODS	Patient Monitoring & Recovery - IMR - Mansfield Needles & Syringes - Other Needles & Syringes	Thorne, David (MITG-D-17)
S-8486W	MY	97114893	1135674	09508132	09/10/1997	09/03/1998	07/23/2000	09/03/2018	National Stage	Active	Issued	Coriden IP	Coriden IP	MEDICAL NEEDLE SAFETY APPARATUS AND METHODS	Patient Monitoring & Recovery - IMR - Mansfield Needles & Syringes - Other Needles & Syringes	Thorne, David (MITG-D-17)
S-8489US	US	09/619190	6592556		07/19/2000	07/19/2000	07/15/2003	07/19/2020	Utility	Active	Issued	Coriden IP	Coriden IP	MEDICAL NEEDLE SAFETY APPARATUS AND METHODS	Patient Monitoring & Recovery - IMR - Mansfield Needles & Syringes - Other Needles & Syringes	Thorne, David (MITG-D-17)
S-8489US	CA	28898733	28898733	28898733	09/14/2002	09/14/2002			Utility	Active	Issued	Coriden IP	Coriden IP	Physiological Sensor Placement and Signal Transmission Device	Patient Monitoring & Recovery - IMR - Mansfield Monitoring & Operating Room - Other MOPS	Tremblay, Kathleen (Tremblay)
H-KN-02206151	US	13/424633	8728708	20130072777	09/28/2007	09/20/2012	08/05/2014	09/28/2027	Continuation	Active	Issued	Coriden IP	Coriden IP		Patient Monitoring & Recovery - IMR - Mansfield Monitoring & Operating Room - Other MOPS	Tremblay, Kathleen (Tremblay)
H-KN-02206151	DE	12769238.2	6020120137037	EP7766521	09/26/2011	09/14/2012	01/06/2016	09/14/2032	National Stage	Active	Issued	Coriden IP	Coriden IP	Survey IV Catheter and Needle Assembly	Patient Monitoring & Recovery - IMR - Mansfield Intravenous Access/Prefill - Other Intravenous	Tremblay, Kathleen (Tremblay)
H-KN-02206151	FR	12769238.2	27160521	EP7766521	09/26/2011	09/14/2012	01/06/2016	09/14/2032	National Stage	Active	Issued	Coriden IP	Coriden IP	Survey IV Catheter and Needle Assembly	Patient Monitoring & Recovery - IMR - Mansfield Intravenous Access/Prefill - Other Intravenous	Tremblay, Kathleen (Tremblay)
H-KN-02206151	GB	12769238.2	27160521	EP7766521	09/26/2011	09/14/2012	01/06/2016	09/14/2032	National Stage	Active	Issued	Coriden IP	Coriden IP	Survey IV Catheter and Needle Assembly	Patient Monitoring & Recovery - IMR - Mansfield Intravenous Access/Prefill - Other Intravenous	Tremblay, Kathleen (Tremblay)
H-KN-02206151	US	13/616464	8715250	20130245567	09/26/2011	09/14/2012	02/06/2014	09/14/2032	Utility	Active	Issued	Coriden IP	Coriden IP	Survey Catheter and Needle Assembly	Patient Monitoring & Recovery - IMR - Mansfield Intravenous Access/Prefill - Other Intravenous	Tremblay, Kathleen (Tremblay)
H-KN-02206152	US	14/251877	9375352	2014034313	09/26/2011	04/14/2014	08/28/2016	09/14/2032	Continuation	Active	Issued	Coriden IP	Coriden IP	Survey Needle Assembly	Patient Monitoring & Recovery - IMR - Mansfield Intravenous Access/Prefill - Other Intravenous	Tremblay, Kathleen (Tremblay)
H-KN-02206152	MX	MX/A/2007/002729	282403		02/24/2006	02/23/2007	12/21/2010	02/23/2027	Utility	Active	Issued	Coriden IP	Coriden IP	Urine Collection System with Needleless Sampling Port	Urinary Monitoring & Recovery - IMR - Mansfield Urinary Monitoring & Recovery - IMR - Mansfield	Tully, Stephen (Tully-22)
H-KN-02206152	CA	2579895	2579895	2579895	02/24/2006	02/23/2007	06/30/2015	02/23/2027	Utility	Active	Issued	Coriden IP	Coriden IP	Urine Meter with Improved Drain Construction	Urinary Monitoring & Recovery - IMR - Mansfield Urinary Monitoring & Recovery - IMR - Mansfield	Tully, Stephen (Tully-22)
H-KN-02206152	CU	2200710103550.6	2200710103550.6	CN101040823A	02/24/2006	02/25/2007	09/05/2012	02/25/2027	Utility	Active	Issued	Coriden IP	Coriden IP	Urine Meter with Improved Drain Construction	Urinary Monitoring & Recovery - IMR - Mansfield Urinary Monitoring & Recovery - IMR - Mansfield	Tully, Stephen (Tully-22)
H-KN-02206152	DE	07250781.7	18253836		02/24/2006	02/23/2007	08/31/2011	02/23/2027	National Stage	Active	Issued	Coriden IP	Coriden IP	Urine Collection Meter with Improved Drain	Urinary Monitoring & Recovery - IMR - Mansfield Urinary Monitoring & Recovery - IMR - Mansfield	Tully, Stephen (Tully-22)
H-KN-02206152	ES	07250781.7	18253836		02/24/2006	02/23/2007	08/31/2011	02/23/2027	National Stage	Active	Issued	Coriden IP	Coriden IP	Urine Collection Meter with Improved Drain	Urinary Monitoring & Recovery - IMR - Mansfield Urinary Monitoring & Recovery - IMR - Mansfield	Tully, Stephen (Tully-22)
H-KN-02206152	FR	07250781.7	18253836		02/24/2006	02/23/2007	08/31/2011	02/23/2027	National Stage	Active	Issued	Coriden IP	Coriden IP	Urine Collection Meter with Improved Drain	Urinary Monitoring & Recovery - IMR - Mansfield Urinary Monitoring & Recovery - IMR - Mansfield	Tully, Stephen (Tully-22)
H-KN-02206152	GB	07250781.7	18253836		02/24/2006	02/23/2007	08/31/2011	02/23/2027	National Stage	Active	Issued	Coriden IP	Coriden IP	Urine Collection Meter with Improved Drain	Urinary Monitoring & Recovery - IMR - Mansfield Urinary Monitoring & Recovery - IMR - Mansfield	Tully, Stephen (Tully-22)
H-KN-02206152	IT	07250781.7	18253836		02/24/2006	02/23/2007	08/31/2011	02/23/2027	National Stage	Active	Issued	Coriden IP	Coriden IP	Urine Collection Meter with Improved Drain	Urinary Monitoring & Recovery - IMR - Mansfield Urinary Monitoring & Recovery - IMR - Mansfield	Tully, Stephen (Tully-22)
H-KN-02206152	MX	MX/A/2007/002230	290246		02/24/2006	02/23/2007	09/19/2011	02/23/2027	Utility	Active	Issued	Coriden IP	Coriden IP	Urine Meter with Improved Drain Construction	Urinary Monitoring & Recovery - IMR - Mansfield Urinary Monitoring & Recovery - IMR - Mansfield	Tully, Stephen (Tully-22)
H-KN-02206152	PL	07250781.7	18253836		02/24/2006	02/23/2007	08/31/2011	02/23/2027	National Stage	Active	Issued	Coriden IP	Coriden IP	Urine Collection Meter with Improved Drain	Urinary Monitoring & Recovery - IMR - Mansfield Urinary Monitoring & Recovery - IMR - Mansfield	Tully, Stephen (Tully-22)
H-KN-02206152	US	11/362659	8328734	20070713599A1	02/24/2006	02/24/2006	12/11/2012	06/05/2020	Utility	Active	Issued	Coriden IP	Coriden IP	Urine Meter with Improved Drain Construction	Urinary Monitoring & Recovery - IMR - Mansfield Urinary Monitoring & Recovery - IMR - Mansfield	Tully, Stephen (Tully-22)
S-8489US	CA	28898733	28898733	28898733	09/14/2002	09/14/2002			Utility	Active	Issued	Coriden IP	Coriden IP	Survey Catheter and Needle Assembly	Patient Monitoring & Recovery - IMR - Mansfield Intravenous Access/Prefill - Other Intravenous	Tremblay, Kathleen (Tremblay)
S-8489US	US	12/274936	8333745	20090082742A.1	04/11/2006	11/20/2008	12/18/2012	06/05/2028	Divisional	Active	Issued	Coriden IP	Coriden IP	Adjustable Drain Loop for Urine Collection System	Urinary Monitoring & Recovery - IMR - Mansfield Urinary Monitoring & Recovery - IMR - Mansfield	Tully, Stephen (Tully-22)
H-KN-010124U1	AU	20090202540	20090202540		08/07/2008	06/24/2009	08/07/2016	06/24/2029	Utility	Active	Issued	Coriden IP	Coriden IP	Urinary Monitoring & Recovery - IMR - Mansfield	Urinary Monitoring & Recovery - IMR - Mansfield	Tully, Stephen (Tully-22)
H-KN-010124U1	AU	2014203149	2014203149		08/07/2008	06/24/2009	03/10/2016	06/24/2029	Divisional	Active	Issued	Coriden IP	Coriden IP	Anti-Reflux Mechanism for Urine Collection Systems	Urinary Monitoring & Recovery - IMR - Mansfield Urinary Monitoring & Recovery - IMR - Mansfield	Tully, Stephen (Tully-22)
H-KN-010124X2	CA	2869238	2869238		08/07/2008	06/17/2009			Utility	Active	Issued	Coriden IP	Coriden IP	ANTI-REFLUX MECHANISM FOR URINE COLLECTION SYSTEMS	Urinary Monitoring & Recovery - IMR - Mansfield Urinary Monitoring & Recovery - IMR - Mansfield	Tully, Stephen (Tully-22)

Reference #	Country	App #	Patent #	Pub #	Priority Date	App Date	Issue Date	Expiration Date	Attorney Subj.	State	Sub Status	Current Owner	Assignee	Title	Business Classification	Inventors
H-KN-01012C-NV	CN	2013.10057708.5	ZI201310057388.5	103784828	08/07/2008	08/07/2009	08/19/2015	08/07/2029	Divisional	Active	Issued	Confiden IP	Confiden IP	ANTI-REFLUX MECHANISM FOR URINE COLLECTION SYSTEMS	Patent Monitoring & Recovery - PMR - Mansfield	Tully, Stephen (tully92); Salvador, Lawrence (MIG-LSA3); Fontaine, Chelsey (MIGS-CNE)
H-KN-01012D-E	DE	0925.1907.2	602009006120.8	71512118	08/07/2008	06/18/2009	03/28/2012	06/18/2029	National Stage	Active	Issued	Confiden IP	Confiden IP	ANTI-REFLUX MECHANISM FOR URINE COLLECTION SYSTEMS	Patent Monitoring & Recovery - PMR - Mansfield	Tully, Stephen (tully92); Salvador, Lawrence (MIG-LSA3); Fontaine, Chelsey (MIGS-CNE)
H-KN-01012E5	US	0925.1907.2	21512118	71512118	08/07/2008	06/18/2009	03/28/2012	06/18/2029	National Stage	Active	Issued	Confiden IP	Confiden IP	ANTI-REFLUX MECHANISM FOR URINE COLLECTION SYSTEMS	Patent Monitoring & Recovery - PMR - Mansfield	Tully, Stephen (tully92); Salvador, Lawrence (MIG-LSA3); Fontaine, Chelsey (MIGS-CNE)
H-KN-01012F-R	FR	0925.1907.2	21512118	71512118	08/07/2008	06/18/2009	03/28/2012	06/18/2029	National Stage	Active	Issued	Confiden IP	Confiden IP	ANTI-REFLUX MECHANISM FOR URINE COLLECTION SYSTEMS	Patent Monitoring & Recovery - PMR - Mansfield	Tully, Stephen (tully92); Salvador, Lawrence (MIG-LSA3); Fontaine, Chelsey (MIGS-CNE)
H-KN-01012G-B	GB	0925.1907.2	21512118	71512118	08/07/2008	06/18/2009	03/28/2012	06/18/2029	National Stage	Active	Issued	Confiden IP	Confiden IP	ANTI-REFLUX MECHANISM FOR URINE COLLECTION SYSTEMS	Patent Monitoring & Recovery - PMR - Mansfield	Tully, Stephen (tully92); Salvador, Lawrence (MIG-LSA3); Fontaine, Chelsey (MIGS-CNE)
H-KN-01012I-T	IT	0925.1907.2	21512118	71512118	08/07/2008	06/18/2009	03/28/2012	06/18/2029	National Stage	Active	Issued	Confiden IP	Confiden IP	ANTI-REFLUX MECHANISM FOR URINE COLLECTION SYSTEMS	Patent Monitoring & Recovery - PMR - Mansfield	Tully, Stephen (tully92); Salvador, Lawrence (MIG-LSA3); Fontaine, Chelsey (MIGS-CNE)
H-KN-01012J-P	JP	2009.1505.10	5322803	2010.38809	08/07/2008	06/25/2009	07/26/2013	06/25/2029	Utility	Active	Issued	Confiden IP	Confiden IP	ANTI-REFLUX MECHANISM FOR URINE COLLECTION SYSTEMS	Patent Monitoring & Recovery - PMR - Mansfield	Tully, Stephen (tully92); Salvador, Lawrence (MIG-LSA3); Fontaine, Chelsey (MIGS-CNE)
H-KN-01012J1-P	JP	2013.117068	5738439	2013.178276	08/07/2008	06/25/2009	06/12/2015	06/25/2029	Divisional	Active	Issued	Confiden IP	Confiden IP	ANTI-REFLUX MECHANISM FOR URINE COLLECTION SYSTEMS	Patent Monitoring & Recovery - PMR - Mansfield	Tully, Stephen (tully92); Salvador, Lawrence (MIG-LSA3); Fontaine, Chelsey (MIGS-CNE)
H-KN-01012M-X	MX	MX/42009/007225	300664		08/07/2008	07/02/2009	06/25/2012	07/02/2029	Utility	Active	Issued	Confiden IP	Confiden IP	ANTI-REFLUX MECHANISM FOR URINE COLLECTION SYSTEMS	Patent Monitoring & Recovery - PMR - Mansfield	Tully, Stephen (tully92); Salvador, Lawrence (MIG-LSA3); Fontaine, Chelsey (MIGS-CNE)
H-KN-01012J5	US	12/187620	8357105	2010036283	08/07/2008	08/07/2008	01/22/2013	08/25/2029	Utility	Active	Issued	Confiden IP	Confiden IP	Anti-reflux Mechanism for Urine Collection Systems	Patent Monitoring & Recovery - PMR - Mansfield	Tully, Stephen (tully92); Salvador, Lawrence (MIG-LSA3); Fontaine, Chelsey (MIGS-CNE)
H-KN-01012J502	US	14/308653	9050066	20140289440	08/07/2008	06/19/2014	06/09/2015	08/07/2028	Continuation	Active	Issued	Confiden IP	Confiden IP	Anti-reflux Mechanism for Urine Collection Systems	Patent Monitoring & Recovery - PMR - Mansfield	Tully, Stephen (tully92); Salvador, Lawrence (MIG-LSA3); Fontaine, Chelsey (MIGS-CNE)
H-KN-01012J51	US	13/743526	8730277	2013038943	08/07/2008	01/17/2013	07/29/2014	08/07/2028	Continuation	Active	Issued	Confiden IP	Confiden IP	Anti-reflux Mechanism for Urine Collection Systems	Patent Monitoring & Recovery - PMR - Mansfield	Tully, Stephen (tully92); Salvador, Lawrence (MIG-LSA3); Fontaine, Chelsey (MIGS-CNE)
H-KN-01012J53	CA	2009/063538	2009/063538		08/07/2008	06/25/2008	03/28/2012	08/07/2029	Continuation	Active	Issued	Confiden IP	Confiden IP	ANTI-REFLUX MECHANISM FOR URINE COLLECTION SYSTEMS	Patent Monitoring & Recovery - PMR - Mansfield	Tully, Stephen (tully92); Salvador, Lawrence (MIG-LSA3); Fontaine, Chelsey (MIGS-CNE)
H-KN-01508C-N	CN	201110770616.7	ZI201110770616.7	CN102431715A	09/14/2010	09/14/2011	01/07/2015	09/14/2031	Utility	Active	Issued	Confiden IP	Confiden IP	Hardpack, Needle Packages Laser Heat Seal	Patent Monitoring & Recovery - PMR - Mansfield	Turnmundo, Santo (turnmst); Parker, Jonathan (MIGS-IGP)
H-KN-01508I-N	N	2502/DE/2011			09/14/2010	09/01/2011			Utility	Active	Filed	Confiden IP	Confiden IP	Hardpack, Needle Packages Laser Heat Seal	Patent Monitoring & Recovery - PMR - Mansfield	Turnmundo, Santo (turnmst); Parker, Jonathan (MIGS-IGP)
H-KN-01508I-P	JP	2011.194162	5296853	2012.62118	09/14/2010	09/06/2011	08/21/2013	09/06/2031	Utility	Active	Issued	Confiden IP	Confiden IP	Hardpack, Needle Packages Laser Heat Seal	Patent Monitoring & Recovery - PMR - Mansfield	Turnmundo, Santo (turnmst); Parker, Jonathan (MIGS-IGP)
H-KN-01508J51	US	13/858979		20130720137	09/14/2010	04/09/2013			Divisional	Active	Published	Confiden IP	Confiden IP	Hardpack, Needle Package Laser Heat Seal	Patent Monitoring & Recovery - PMR - Mansfield	Turnmundo, Santo (turnmst); Parker, Jonathan (MIGS-IGP)
H-KN-00532M-X	MX	MX/42007/015084	288064		12/20/2006	11/29/2007	07/05/2011	11/29/2027	Utility	Active	Issued	Confiden IP	Confiden IP	Apparatus and Method for Making Bag Assembly	Patent Monitoring & Recovery - PMR - Mansfield	Voss, Mark (MIGS-MVA3)
H-KN-00532J5	US	11/613694	7964929	20080149609	12/20/2006	12/20/2006	08/21/2011	02/24/2030	Utility	Active	Issued	Confiden IP	Confiden IP	Apparatus and Method for Making Bag Assembly	Patent Monitoring & Recovery - PMR - Mansfield	Voss, Mark (MIGS-MVA3)
H-KN-00532J51	US	13/112237	8862396	20110220540	12/20/2006	05/20/2011	01/29/2013	12/20/2026	Continuation	Active	Issued	Confiden IP	Confiden IP	Apparatus and Method for Making Bag Assembly	Patent Monitoring & Recovery - PMR - Mansfield	Voss, Mark (MIGS-MVA3)
H-KN-00610J5	US	12/486467	8131851	20100199466	06/17/2009	06/17/2009	04/10/2012	03/24/2030	Utility	Active	Issued	Confiden IP	Confiden IP	Apparatus for Making Bag Assembly	Patent Monitoring & Recovery - PMR - Mansfield	Voss, Mark (MIGS-MVA3)
H-KN-00610J51	US	13/412677	8573374	20120160421	06/17/2009	03/06/2012	11/05/2013	06/17/2029	Continuation	Active	Issued	Confiden IP	Confiden IP	Apparatus for Making Bag Assembly	Patent Monitoring & Recovery - PMR - Mansfield	Voss, Mark (MIGS-MVA3)
H-KN-00610J52	US	13/412681	8574390	20120160407	06/17/2009	03/06/2012	11/05/2013	06/17/2029	Divisional	Active	Issued	Confiden IP	Confiden IP	Apparatus for Making Bag Assembly	Patent Monitoring & Recovery - PMR - Mansfield	Voss, Mark (MIGS-MVA3)
H-KN-00834J5	US	12/724196	8535253	20100081977	09/20/2008	09/20/2008	09/17/2013	08/25/2031	Utility	Active	Issued	Confiden IP	Confiden IP	Tubelless Compression Device	Patent Monitoring & Recovery - PMR - Mansfield	Voss, Mark (MIGS-MVA3)
H-KN-00834J51	US	13/685786	9,433,332	20130331752	09/20/2008	11/27/2012	09/06/2016	09/21/2029	Continuation	Active	Issued	Confiden IP	Confiden IP	Tubelless Compression Device	Patent Monitoring & Recovery - PMR - Mansfield	Voss, Mark (MIGS-MVA3)
H-KN-00920J4U	AU	2009202620	2009202620		07/01/2008	06/29/2009	03/06/2014	06/29/2029	Utility	Active	Issued	Confiden IP	Confiden IP	Inflatable Member for Compressions Foot Cluff	Patent Monitoring & Recovery - PMR - Mansfield	Voss, Mark (MIGS-MVA3)
H-KN-00920E	DE	09161111.8	60200907820.7		07/01/2008	06/20/2009	11/19/2014	06/20/2029	National Stage	Active	Issued	Confiden IP	Confiden IP	Inflatable Member for Compressions Foot Cluff	Patent Monitoring & Recovery - PMR - Mansfield	Voss, Mark (MIGS-MVA3)
H-KN-00920E1V	DE	10174333.4	60200905913.4		07/01/2008	06/20/2009	11/19/2014	06/20/2029	National Stage	Active	Issued	Confiden IP	Confiden IP	Inflatable Member for Compression Foot Cluff	Patent Monitoring & Recovery - PMR - Mansfield	Voss, Mark (MIGS-MVA3)
H-KN-00920E2-P	EP	09161111.8			07/01/2008	06/20/2009	11/19/2014	06/20/2029	Utility	Active	Issued	Confiden IP	Confiden IP	Inflatable Member for Compression Foot Cluff	Patent Monitoring & Recovery - PMR - Mansfield	Voss, Mark (MIGS-MVA3)
H-KN-00920E2-PV	EP	10174333.4	2248506		07/01/2008	06/20/2009	11/19/2014	06/20/2029	Divisional	Active	Issued	Confiden IP	Confiden IP	Inflatable Member for Compression Foot Cluff	Patent Monitoring & Recovery - PMR - Mansfield	Voss, Mark (MIGS-MVA3)
H-KN-00920E3	GB	09161111.8	2248506		07/01/2008	06/20/2009	11/19/2014	06/20/2029	National Stage	Active	Issued	Confiden IP	Confiden IP	Inflatable Member for Compression Foot Cluff	Patent Monitoring & Recovery - PMR - Mansfield	Voss, Mark (MIGS-MVA3)
H-KN-00920E3B1V	GB	10174333.4	2248506		07/01/2008	06/20/2009	11/19/2014	06/20/2029	National Stage	Active	Issued	Confiden IP	Confiden IP	Inflatable Member for Compression Foot Cluff	Patent Monitoring & Recovery - PMR - Mansfield	Voss, Mark (MIGS-MVA3)
H-KN-00920J5	US	12/146072	8636678	2010.0004575-A1	07/01/2008	07/01/2008	01/28/2014	11/06/2032	Utility	Active	Issued	Confiden IP	Confiden IP	Inflatable Member for Compression Foot Cluff	Patent Monitoring & Recovery - PMR - Mansfield	Voss, Mark (MIGS-MVA3)
H-KN-00920J5	US	12/486533	8502121	20100320193	06/17/2009	06/17/2009	08/06/2013	06/06/2032	Utility	Active	Issued	Confiden IP	Confiden IP	Radiofrequency Welding Apparatus	Patent Monitoring & Recovery - PMR - Mansfield	Voss, Mark (MIGS-MVA3)
H-KN-0094J5	US	12/216120	817736	20100081974	09/20/2008	09/20/2008	01/13/2012	01/29/2031	Utility	Active	Issued	Confiden IP	Confiden IP	Portable Controller Unit for a Compression Device	Patent Monitoring & Recovery - PMR - Mansfield	Voss, Mark (MIGS-MVA3)

Reference #	Country	App #	Patent #	Pub #	Priority Date	App Date	Issue Date	Expiration Date	Active Sub- Type	Status	Sub Status	Current Owner	Assignee	Title	Business Classification	Inventors
H-KN-01386-US	US	12/699610	8257289	2011 01386/5	02/03/2010	02/02/2010	09/04/2012	03/03/2031	Utility	Active	Issued	Confiden LP	Confiden LP	Fitting of Compression Garment	Patient Monitoring & Recovery - PMR - Mansfield I Venular Compression	Voss, Mark (MIG-MAV)
H-KN-00655-AU	AU	2007216744		2007216744	09/12/2006	09/12/2007			Utility	Active	Published	Confiden LP	Confiden LP	Thin Film Dressing	Patient Monitoring & Recovery - PMR - Mansfield I	Veans, Ronald (MIG-RV)
H-KN-00655-CA	CA	2600249	2600249	2600249	09/12/2006	09/06/2007	03/02/2014	09/06/2027	Utility	Active	Issued	Confiden LP	Confiden LP	THIN FILM DRESSING	Patient Monitoring & Recovery - PMR - Mansfield I	Veans, Ronald (MIG-RV)
H-KN-00655-CN	CN	200710806193.3	21200710806193.3	CN10129102A	09/12/2006	09/12/2007	06/05/2013	09/12/2027	Utility	Active	Issued	Confiden LP	Confiden LP	Thin Film Dressing	Patient Monitoring & Recovery - PMR - Mansfield I	Veans, Ronald (MIG-RV)
H-KN-00655-DE	DE	07253576.8	602007026962.8	1900348	09/12/2006	09/10/2007	11/28/2012	09/10/2027	National Stage	Active	Issued	Confiden LP	Confiden LP	Thin Film Dressing	Patient Monitoring & Recovery - PMR - Mansfield I	Veans, Ronald (MIG-RV)
H-KN-00655-ES	ES	07253576.8	1900348	1900348	09/12/2006	09/10/2007	11/28/2012	09/10/2027	National Stage	Active	Issued	Confiden LP	Confiden LP	Thin Film Dressing	Patient Monitoring & Recovery - PMR - Mansfield I	Veans, Ronald (MIG-RV)
H-KN-00655-FR	FR	07253576.8	1900348	1900348	09/12/2006	09/10/2007	11/28/2012	09/10/2027	National Stage	Active	Issued	Confiden LP	Confiden LP	Thin Film Dressing	Patient Monitoring & Recovery - PMR - Mansfield I	Veans, Ronald (MIG-RV)
H-KN-00655-GB	GB	07253576.8	1900348	1900348	09/12/2006	09/10/2007	11/28/2012	09/10/2027	National Stage	Active	Issued	Confiden LP	Confiden LP	Thin Film Dressing	Patient Monitoring & Recovery - PMR - Mansfield I	Veans, Ronald (MIG-RV)
H-KN-00655-HK	HK	09100373.4	1124795	1124795A	09/12/2006	09/12/2009	03/21/2014	03/12/2029	National Stage	Active	Issued	Confiden LP	Confiden LP	Thin Film Dressing	Patient Monitoring & Recovery - PMR - Mansfield I	Veans, Ronald (MIG-RV)
H-KN-00655-IP	IP	2007 233903	5296356	2008-68000	09/12/2006	09/11/2007	06/21/2013	09/11/2027	Utility	Active	Issued	Confiden LP	Confiden LP	Thin Film Dressing Material	Patient Monitoring & Recovery - PMR - Mansfield I	Veans, Ronald (MIG-RV)
H-KN-00655-MX	MX	MX/A/2007/01157	317065		09/12/2006	09/11/2007	01/13/2014	09/11/2027	Utility	Active	Issued	Confiden LP	Confiden LP	THIN FILM DRESSING	Patient Monitoring & Recovery - PMR - Mansfield I	Veans, Ronald (MIG-RV)
H-KN-00655-NZ	NZ	561291	561291	1554	09/12/2006	09/01/2007	04/09/2009	09/07/2027	Utility	Active	Issued	Confiden LP	Confiden LP	Thin Film Dressing	Patient Monitoring & Recovery - PMR - Mansfield I	Veans, Ronald (MIG-RV)
H-KN-01054-AU	AU	2010200657	2010200657		02/17/2009	02/16/2010	01/30/2014	02/16/2030	Utility	Active	Issued	Confiden LP	Confiden LP	PORTABLE AND PROGRAMMABLE MEDICAL DEVICE SYSTEM	Patient Monitoring & Recovery - PMR - Mansfield I	Waldhorff, Gary (wldglt); Dorsey, Michael (drcsm1)
H-KN-01054-CA	CA	2692119	2692119	2692119	02/17/2009	02/08/2010	05/14/2013	02/08/2030	Utility	Active	Issued	Confiden LP	Confiden LP	PORTABLE AND PROGRAMMABLE MEDICAL DEVICE SYSTEM	Patient Monitoring & Recovery - PMR - Mansfield I	Waldhorff, Gary (wldglt); Dorsey, Michael (drcsm1)
H-KN-01054-CN	CN	212010142023.8	212010142023.8	CN101833290A	02/17/2009	02/11/2010	05/28/2014	02/11/2030	Utility	Active	Issued	Confiden LP	Confiden LP	PORTABLE AND PROGRAMMABLE MEDICAL DEVICE SYSTEM	Patient Monitoring & Recovery - PMR - Mansfield I	Waldhorff, Gary (wldglt); Dorsey, Michael (drcsm1)
H-KN-01054-US	US	12/372395	7873772	20100211713	02/17/2009	02/17/2009	01/18/2011	03/24/2029	Utility	Active	Issued	Confiden LP	Confiden LP	Portable and Programmable Medical Device	Patient Monitoring & Recovery - PMR - Mansfield I	Waldhorff, Gary (wldglt); Dorsey, Michael (drcsm1)
H-KN-01054-US1	US	12/894731	8031256	20110002762	02/17/2009	09/30/2010	11/01/2011	02/17/2029	Continuation	Active	Issued	Confiden LP	Confiden LP	Portable and Magnetically Programmable Medical Device System	Patient Monitoring & Recovery - PMR - Mansfield I	Waldhorff, Gary (wldglt); Dorsey, Michael (drcsm1)
H-KN-01054-US2	US	12/894759	8055830	20110002763	02/17/2009	09/30/2010	11/08/2011	02/17/2029	Continuation	Active	Issued	Confiden LP	Confiden LP	Portable and light Programmable Medical Device System	Patient Monitoring & Recovery - PMR - Mansfield I	Waldhorff, Gary (wldglt); Dorsey, Michael (drcsm1)
H-KN-00634-CA	CA	2613866	2613866	2613866	12/11/2006	12/10/2007	02/01/2011	12/10/2027	Utility	Active	Issued	Confiden LP	Confiden LP	Pump Set and Pump With Electromagnetic Radiation Operated Method	Patient Monitoring & Recovery - PMR - Mansfield I	Waldhorff, Gary (wldglt); Dorsey, Michael (drcsm1)
H-KN-00634-US	US	11/469234	7560686	20080135725	12/11/2006	12/11/2006	07/14/2009	05/19/2027	Utility	Active	Issued	Confiden LP	Confiden LP	Pump Set and Pump With Electromagnetic Radiation Operated Method	Patient Monitoring & Recovery - PMR - Mansfield I	Waldhorff, Gary (wldglt); Dorsey, Michael (drcsm1)
H-KN-00634-US1	US	12/494040	8035721	20090264824	12/11/2006	06/29/2009	11/08/2011	12/11/2026	Continuation	Active	Issued	Confiden LP	Confiden LP	Pump Set and Pump With Electromagnetic Radiation Operated Method	Patient Monitoring & Recovery - PMR - Mansfield I	Waldhorff, Gary (wldglt); Dorsey, Michael (drcsm1)
H-KN-02696-CA	CA	2084437			09/13/2012	09/13/2013			National Stage	Active	Filed	Confiden LP	Confiden LP	DOCKING STATION FOR INTERNAL FEEDING PUMP	Patient Monitoring & Recovery - PMR - Mansfield I	Waldhorff, Gary (wldglt); Dorsey, Michael (drcsm1)
H-KN-02696-EP	EP	13774536.5		2885975	09/13/2012	09/13/2013			National Stage	Active	Published	Confiden LP	Confiden LP	Docking Station For Internal Feeding Pump	Patient Monitoring & Recovery - PMR - Mansfield I	Waldhorff, Gary (wldglt); Dorsey, Michael (drcsm1)
H-KN-02696-MX	MX	MX/A/2015/003887			09/13/2012	09/13/2013			National Stage	Active	Filed	Confiden LP	Confiden LP	Docking Station For Internal Feeding Pump	Patient Monitoring & Recovery - PMR - Mansfield I	Waldhorff, Gary (wldglt); Dorsey, Michael (drcsm1)
H-KN-02696-US1	US	14/152131		20150265073	09/13/2012	09/13/2013			Utility	Active	Published	Confiden LP	Confiden LP	Docking Station For An Internal Feeding Pump	Patient Monitoring & Recovery - PMR - Mansfield I	Waldhorff, Gary (wldglt); Dorsey, Michael (drcsm1)

Reference #	Country	App #	Patent #	Pub #	Priority Date	App Date	Issue Date	Expiration Date	Active Sub-Type	Status	Sub Status	Current Owner	Assignee	Device	Title	Business Classification	Inventors
H-KN-02944J5	US	29/466985	D/4641		09/13/2013	09/13/2013	12/29/2015	12/29/2029	Design	Active	Issued	Corviden LP	Corviden LP	Pump and Base		Patient Monitoring & Recovery - PMR - Mansfield	Walshoff, Gary (walshoff); Wessner, Joel (wessn1); Harr, James (harr1); Breitwieser, Kenneth (breitk1); Mchugh, Gabriel (mchugh5); Treilford, Lester (trellt1);
H-KN-02944J01	US	29/549625			09/13/2013	12/28/2015			Continuation	Active	Filed	Corviden LP	Corviden LP	Base and Pump		Patient Monitoring & Recovery - PMR - Mansfield	Walshoff, Gary (walshoff); Wessner, Joel (wessn1); Harr, James (harr1); Breitwieser, Kenneth (breitk1); Mchugh, Gabriel (mchugh5); Treilford, Lester (trellt1);
H-KN-02944J0	AU	11105/2014			09/13/2013	03/10/2014	08/11/2014	03/10/2024	Design	Active	Issued	Corviden LP	Corviden LP	Pump and Base		Patient Monitoring & Recovery - PMR - Mansfield	Walshoff, Gary (walshoff); Wessner, Joel (wessn1); Harr, James (harr1); Breitwieser, Kenneth (breitk1); Mchugh, Gabriel (mchugh5); Treilford, Lester (trellt1);
H-KN-02944J01	AU	11107/2014			09/13/2013	03/10/2014			Design	Active	Filed	Corviden LP	Corviden LP	Pump		Patient Monitoring & Recovery - PMR - Mansfield	Walshoff, Gary (walshoff); Wessner, Joel (wessn1); Harr, James (harr1); Breitwieser, Kenneth (breitk1); Mchugh, Gabriel (mchugh5); Treilford, Lester (trellt1);
H-KN-02944J02	AU	11106/2014			09/13/2013	03/10/2014	05/14/2014	03/10/2024	Design	Active	Issued	Corviden LP	Corviden LP	Base		Patient Monitoring & Recovery - PMR - Mansfield	Walshoff, Gary (walshoff); Wessner, Joel (wessn1); Harr, James (harr1); Breitwieser, Kenneth (breitk1); Mchugh, Gabriel (mchugh5); Treilford, Lester (trellt1);
H-KN-02944CA	CA	155503			09/13/2013	03/05/2014	08/25/2015	08/25/2025	Design	Active	Issued	Corviden LP	Corviden LP	Pump and Base		Patient Monitoring & Recovery - PMR - Mansfield	Walshoff, Gary (walshoff); Wessner, Joel (wessn1); Harr, James (harr1); Breitwieser, Kenneth (breitk1); Mchugh, Gabriel (mchugh5); Treilford, Lester (trellt1);
H-KN-02944CA01	CA	163348			09/13/2013	03/05/2014	08/25/2015	08/25/2025	Divisional	Active	Issued	Corviden LP	Corviden LP	PMP		Patient Monitoring & Recovery - PMR - Mansfield	Walshoff, Gary (walshoff); Wessner, Joel (wessn1); Harr, James (harr1); Breitwieser, Kenneth (breitk1); Mchugh, Gabriel (mchugh5); Treilford, Lester (trellt1);
H-KN-02944CA02	CA	163349			09/13/2013	03/05/2014	08/25/2015	03/05/2024	Divisional	Active	Issued	Corviden LP	Corviden LP	Pump and Base		Patient Monitoring & Recovery - PMR - Mansfield	Walshoff, Gary (walshoff); Wessner, Joel (wessn1); Harr, James (harr1); Breitwieser, Kenneth (breitk1); Mchugh, Gabriel (mchugh5); Treilford, Lester (trellt1);
H-KN-02944CN	CN	201430049041.0	Z/201430049041.0		09/13/2013	03/13/2014	10/10/2014	03/13/2024	Design	Active	Issued	Corviden LP	Corviden LP	Pump and Base		Patient Monitoring & Recovery - PMR - Mansfield	Walshoff, Gary (walshoff); Wessner, Joel (wessn1); Harr, James (harr1); Breitwieser, Kenneth (breitk1); Mchugh, Gabriel (mchugh5); Treilford, Lester (trellt1);
H-KN-02944CN	CN	201430049041.0			09/13/2013	03/13/2014			Design	Active	Allowed	Corviden LP	Corviden LP	Pump and Base		Patient Monitoring & Recovery - PMR - Mansfield	Walshoff, Gary (walshoff); Wessner, Joel (wessn1); Harr, James (harr1); Breitwieser, Kenneth (breitk1); Mchugh, Gabriel (mchugh5); Treilford, Lester (trellt1);
H-KN-02944EM	EU	001403872	001403872.2001		09/13/2013	03/10/2014	03/27/2014	03/10/2039	Design	Active	Issued	Corviden LP	Corviden LP	Pump and Base		Patient Monitoring & Recovery - PMR - Mansfield	Walshoff, Gary (walshoff); Wessner, Joel (wessn1); Harr, James (harr1); Breitwieser, Kenneth (breitk1); Mchugh, Gabriel (mchugh5); Treilford, Lester (trellt1);
H-KN-02944M1	EU	001403872	001403872.2002		09/13/2013	03/10/2014	03/27/2014	03/10/2039	Design	Active	Issued	Corviden LP	Corviden LP	Pump and Base		Patient Monitoring & Recovery - PMR - Mansfield	Walshoff, Gary (walshoff); Wessner, Joel (wessn1); Harr, James (harr1); Breitwieser, Kenneth (breitk1); Mchugh, Gabriel (mchugh5); Treilford, Lester (trellt1);
H-KN-02944M2	EU	001403872	001403872.2003		09/13/2013	03/10/2014	03/27/2014	03/10/2039	Design	Active	Issued	Corviden LP	Corviden LP	Pump and Base		Patient Monitoring & Recovery - PMR - Mansfield	Walshoff, Gary (walshoff); Wessner, Joel (wessn1); Harr, James (harr1); Breitwieser, Kenneth (breitk1); Mchugh, Gabriel (mchugh5); Treilford, Lester (trellt1);
H-KN-02944P	JP	2014-5292	15486672		09/13/2013	03/13/2014	04/01/2016	04/01/2036	Design	Active	Issued	Corviden LP	Corviden LP	Medical Pump		Patient Monitoring & Recovery - PMR - Mansfield	Walshoff, Gary (walshoff); Wessner, Joel (wessn1); Harr, James (harr1); Breitwieser, Kenneth (breitk1); Mchugh, Gabriel (mchugh5); Treilford, Lester (trellt1);
H-KN-02944J01	JP	2014-5293			09/13/2013	03/13/2014			Design	Active	Allowed	Corviden LP	Corviden LP	Medical Pump Base		Patient Monitoring & Recovery - PMR - Mansfield	Walshoff, Gary (walshoff); Wessner, Joel (wessn1); Harr, James (harr1); Breitwieser, Kenneth (breitk1); Mchugh, Gabriel (mchugh5); Treilford, Lester (trellt1);
H-KN-02944SG	SG	D/2014/2467	D/2014/2467		09/13/2013	03/07/2014	04/03/2014	03/07/2029	Design	Active	Issued	Corviden LP	Corviden LP	Pump and Base		Patient Monitoring & Recovery - PMR - Mansfield	Walshoff, Gary (walshoff); Wessner, Joel (wessn1); Harr, James (harr1); Breitwieser, Kenneth (breitk1); Mchugh, Gabriel (mchugh5); Treilford, Lester (trellt1);
H-KN-02944SG1	SG	D/2014/2477	D/2014/2477		09/13/2013	03/07/2014	04/03/2014	03/07/2029	Design	Active	Issued	Corviden LP	Corviden LP	Pump and Base		Patient Monitoring & Recovery - PMR - Mansfield	Walshoff, Gary (walshoff); Wessner, Joel (wessn1); Harr, James (harr1); Breitwieser, Kenneth (breitk1); Mchugh, Gabriel (mchugh5); Treilford, Lester (trellt1);
H-KN-00839CA	CA	2631622	2631622		05/22/2007	05/20/2008	07/17/2012	05/20/2028	Utility	Active	Issued	Corviden LP	Corviden LP	Multiple Configuration		Patient Monitoring & Recovery - PMR - Mansfield	Walshoff, Gary (walshoff); Wessner, Joel (wessn1); Harr, James (harr1); Breitwieser, Kenneth (breitk1); Mchugh, Gabriel (mchugh5); Treilford, Lester (trellt1);
H-KN-00839J5	US	11/732155	7749170		05/22/2007	05/22/2007	07/04/2010	05/22/2027	Utility	Active	Issued	Corviden LP	Corviden LP	Multiple Configuration		Patient Monitoring & Recovery - PMR - Mansfield	Walshoff, Gary (walshoff); Wessner, Joel (wessn1); Harr, James (harr1); Breitwieser, Kenneth (breitk1); Mchugh, Gabriel (mchugh5); Treilford, Lester (trellt1);
H-KN-00839J51	US	12/796920	8449476	2010-02-0909-A1	05/22/2007	06/09/2010	05/28/2013	12/01/2027	Divisional	Active	Issued	Corviden LP	Corviden LP	Multiple Configuration		Patient Monitoring & Recovery - PMR - Mansfield	Walshoff, Gary (walshoff); Wessner, Joel (wessn1); Harr, James (harr1); Breitwieser, Kenneth (breitk1); Mchugh, Gabriel (mchugh5); Treilford, Lester (trellt1);
H-KN-00839J52	US	12/891680	93131910	20130242509	05/22/2007	05/10/2013	04/12/2016	05/22/2027	Divisional	Active	Issued	Corviden LP	Corviden LP	Multiple Configuration		Patient Monitoring & Recovery - PMR - Mansfield	Walshoff, Gary (walshoff); Wessner, Joel (wessn1); Harr, James (harr1); Breitwieser, Kenneth (breitk1); Mchugh, Gabriel (mchugh5); Treilford, Lester (trellt1);
H-KN-00956J5	US	12/055161	7546993		03/25/2008	03/25/2008	06/16/2009	03/25/2028	Utility	Active	Issued	Corviden LP	Corviden LP	Rotating Clamp for Flexible Arm Pole Clamp		Patient Monitoring & Recovery - PMR - Mansfield	Walshoff, Gary (walshoff); Wessner, Joel (wessn1); Harr, James (harr1); Breitwieser, Kenneth (breitk1); Mchugh, Gabriel (mchugh5); Treilford, Lester (trellt1);
H-KN-01202J01	DE	1000467.1	2255775		05/28/2009	05/04/2010	02/25/2015	05/04/2030	National Stage	Active	Issued	Corviden LP	Corviden LP	Connecting Structure for a Gastrostomy Catheter and a Fluid Supply Tube		Patient Monitoring & Recovery - PMR - Mansfield	Walshoff, Gary (walshoff); Wessner, Joel (wessn1); Harr, James (harr1); Breitwieser, Kenneth (breitk1); Mchugh, Gabriel (mchugh5); Treilford, Lester (trellt1);
H-KN-01202J0	EP	1000467.1	2255775	2255775	05/28/2009	05/04/2010	02/25/2015	05/04/2030	Utility	Active	Issued	Corviden LP	Corviden LP	Connecting Structure for a Gastrostomy Catheter and a Fluid Supply Tube		Patient Monitoring & Recovery - PMR - Mansfield	Walshoff, Gary (walshoff); Wessner, Joel (wessn1); Harr, James (harr1); Breitwieser, Kenneth (breitk1); Mchugh, Gabriel (mchugh5); Treilford, Lester (trellt1);

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Reference #	Country	App #	Patent #	Pub #	Priority Date	App Date	Issue Date	Expiration Date	Active Sub- Type	Status	Sub Status	Current Owner	Assignee	Title	Business Classification	Inventors
H-NS-01202P-R01	FR	10004667.1	2255775		06/28/2009	06/04/2010	02/25/2015	06/04/2030	National Stage	Active	Issued	Confiden IP	Confiden IP	Connecting Structure for a gastrostomy catheter and a Fluid Supply Tube	Patient Monitoring & Recovery - PMR - Mansfield	Watanabe, Mccoroni (watanab); ASE, Kazuhito (MITS-K4)
H-NS-01202P-R01	GB	10004667.1	2255775		06/28/2009	06/04/2010	02/25/2015	06/04/2030	National Stage	Active	Issued	Confiden IP	Confiden IP	Connecting Structure for a gastrostomy catheter and a Fluid Supply Tube	Patient Monitoring & Recovery - PMR - Mansfield	Watanabe, Mccoroni (watanab); ASE, Kazuhito (MITS-K4)
H-NS-01203P-DE-N1	DE	10005158.0	2269563	EP269563	06/29/2009	06/18/2010	04/27/2016	06/18/2030	National Stage	Active	Issued	Confiden IP	Confiden IP	Connecting structure for a gastrostomy catheter and a fluid supply tube	Patient Monitoring & Recovery - PMR - Mansfield	Watanabe, Mccoroni (watanab); ASE, Kazuhito (MITS-K4)
H-NS-01203P-FR-N2	FR	10005158.0	2269563	EP269563	06/29/2009	06/18/2010	04/27/2016	06/18/2030	National Stage	Active	Issued	Confiden IP	Confiden IP	Connecting structure for a gastrostomy catheter and a fluid supply tube	Patient Monitoring & Recovery - PMR - Mansfield	Watanabe, Mccoroni (watanab); ASE, Kazuhito (MITS-K4)
H-NS-01203P-GB-N3	GB	10005158.0	2269563	EP269563	06/29/2009	06/18/2010	04/27/2016	06/18/2030	National Stage	Active	Issued	Confiden IP	Confiden IP	Connecting structure for a gastrostomy catheter and a fluid supply tube	Patient Monitoring & Recovery - PMR - Mansfield	Watanabe, Mccoroni (watanab); ASE, Kazuhito (MITS-K4)
H-NS-01225U-5	US	1372644.1	8939939	20120078192	09/28/2010	09/27/2011	01/27/2015	02/06/2032	Utility	Active	Issued	Confiden IP	Confiden IP	FISTULA CATHETER	Patient Monitoring & Recovery - PMR - Mansfield	Watanabe, Mccoroni (watanab); Panuniera, Shigeki (MITS-SF6)
H-NS-01214P-DE-N1	DE	10014600.1	EP2327353		11/30/2009	11/17/2010	03/09/2016	11/17/2030	National Stage	Active	Issued	Confiden IP	Confiden IP	Endoscope Cover Fixing Device and Fixing System	Patient Monitoring & Recovery - PMR - Mansfield	Watanabe, Mccoroni (watanab); IWAMIZU, Keita (MITS-K4)
H-NS-01214P-FR-N2	FR	10014600.1	2337353	EP2327353	11/30/2009	11/17/2010	03/09/2016	11/17/2030	National Stage	Active	Issued	Confiden IP	Confiden IP	Endoscope Cover Fixing Device and Fixing System	Patient Monitoring & Recovery - PMR - Mansfield	Watanabe, Mccoroni (watanab); IWAMIZU, Keita (MITS-K4)
H-NS-01214P-GB-N3	GB	10014600.1	2337353	EP2327353	11/30/2009	11/17/2010	03/09/2016	11/17/2030	National Stage	Active	Issued	Confiden IP	Confiden IP	Endoscope Cover Fixing Device and Fixing System	Patient Monitoring & Recovery - PMR - Mansfield	Watanabe, Mccoroni (watanab); IWAMIZU, Keita (MITS-K4)
H-NS-01214P-CN	CN	2010100625984.X	Z1201010625984.X	CN102129847A	11/30/2009	11/30/2010	08/29/2015	11/30/2030	Utility	Active	Issued	Confiden IP	Confiden IP	ENDOSCOPE COVER FIXING DEVICE AND FIXING SYSTEM	Patient Monitoring & Recovery - PMR - Mansfield	Watanabe, Mccoroni (watanab); IWAMIZU, Keita (MITS-K4)
1737QCA	CA	2345780	2345780	2345780	10/05/1998	10/04/1999	01/08/2008	10/04/2019	National Stage	Active	Issued	Confiden IP	Confiden IP	METHOD TO ALIGNMENT BLOOD CIRCULATION IN A LUMB	Patient Monitoring & Recovery - PMR - Mansfield	Paine, Joseph (MITS-JRP2)
1737QUS	US	09/146680	6231532		10/05/1998	10/05/1998	02/15/2001	10/06/2018	Utility	Active	Issued	Confiden IP	Confiden IP	METHOD TO ALIGNMENT BLOOD CIRCULATION IN A LUMB	Patient Monitoring & Recovery - PMR - Mansfield	Paine, Joseph (MITS-JRP2)
H-NS-01317U-5	US	12/772012	8506507	2011022458941	03/09/2010	03/09/2010	08/13/2013	10/06/2031	Utility	Active	Issued	Confiden IP	Confiden IP	Venous Augmentation System	Patient Monitoring & Recovery - PMR - Mansfield	Watson, Kristin (watasko); BOLD, Malcom (MITS-MG3)
H-NS-01317U-5	US	13/948236	9,532,919	201303101270	03/09/2010	07/23/2013	01/09/2017	10/06/2031	Continuation	Active	Issued	Confiden IP	Confiden IP	Venous Augmentation System	Patient Monitoring & Recovery - PMR - Mansfield	Watson, Kristin (watasko); BOLD, Malcom (MITS-MG3)
H-NS-02035P-DE-N2	DE	14188599.8	60 2014 003 236.2	EP285325.1	09/27/2013	09/26/2014	08/24/2016	09/26/2034	National Stage	Active	Issued	Confiden IP	Confiden IP	Compression garment: Ventilation	Patient Monitoring & Recovery - PMR - Mansfield	Watson, Kristin (watasko); Crowley, Peter (MITS-P-C3)
H-NS-02035P-FR-N3	FR	14188599.8	2853251	EP285325.1	09/27/2013	09/26/2014	08/24/2016	09/26/2034	National Stage	Active	Issued	Confiden IP	Confiden IP	Compression garment: Ventilation	Patient Monitoring & Recovery - PMR - Mansfield	Watson, Kristin (watasko); Crowley, Peter (MITS-P-C3)
H-NS-02035P-GB-N4	GB	14188599.8	2853251	EP285325.1	09/27/2013	09/26/2014	08/24/2016	09/26/2034	National Stage	Active	Issued	Confiden IP	Confiden IP	Compression garment: Ventilation	Patient Monitoring & Recovery - PMR - Mansfield	Watson, Kristin (watasko); Crowley, Peter (MITS-P-C3)
H-NS-02035P-AU-01	AU	2014221323	2014221323		09/27/2013	09/10/2014	09/17/2015	09/10/2034	Utility	Active	Issued	Confiden IP	Confiden IP	Compression garment: Ventilation	Patient Monitoring & Recovery - PMR - Mansfield	Watson, Kristin (watasko); GILLS, Heather (MITS-HG3)
1833KUS	US	10/784604	7282038	20050187499	02/23/2004	02/23/2004	10/16/2007	11/17/2024	Utility	Active	Issued	Confiden IP	Confiden IP	COMPRESSION SLEEVE	Patient Monitoring & Recovery - PMR - Mansfield	Watson, Kristin (watasko); GILLS, Heather (MITS-HG3)
1833KUS1	US	29/199988	0517065		02/23/2004	02/23/2004	03/21/2006	03/21/2020	Design	Active	Issued	Confiden IP	Confiden IP	COMPRESSION SLEEVE	Patient Monitoring & Recovery - PMR - Mansfield	Watson, Kristin (watasko); GILLS, Heather (MITS-HG3)
H-NS-00652U-AU	AU	2011224017	2011224017		09/20/2010	09/13/2011	01/02/2013	09/13/2031	Utility	Active	Issued	Confiden IP	Confiden IP	Monitoring Compliance Using Venous Refill Detection	Patient Monitoring & Recovery - PMR - Mansfield	Watson, Kristin (watasko); VESS, Mark (MITS-MAN3)
H-NS-00652U-CN	CN	201110303696.1	21201110303696.1	10252415	09/20/2010	09/29/2011	10/29/2014	09/13/2031	Utility	Active	Issued	Confiden IP	Confiden IP	Monitoring Compliance Using Venous Refill Detection	Patient Monitoring & Recovery - PMR - Mansfield	Watson, Kristin (watasko); VESS, Mark (MITS-MAN3)
H-NS-00652U-DE	DE	11821113.8	602011004116.9	CN103035960A	09/20/2010	09/29/2011			Disposnal	Active	Published	Confiden IP	Confiden IP	Monitoring Compliance Using Venous Refill Detection	Patient Monitoring & Recovery - PMR - Mansfield	Watson, Kristin (watasko); VESS, Mark (MITS-MAN3)
H-NS-00652U-GB	GB	13187415.8	602011004116.9	2436308	09/20/2010	09/21/2011	12/11/2013	09/21/2031	National Stage	Active	Issued	Confiden IP	Confiden IP	Monitoring Compliance Using Venous Refill Detection	Patient Monitoring & Recovery - PMR - Mansfield	Watson, Kristin (watasko); VESS, Mark (MITS-MAN3)
H-NS-00652U-IT	IT	111821113.8	2436308		09/20/2010	09/21/2011	12/11/2013	09/21/2031	National Stage	Active	Issued	Confiden IP	Confiden IP	Monitoring Compliance Using Venous Refill Detection	Patient Monitoring & Recovery - PMR - Mansfield	Watson, Kristin (watasko); VESS, Mark (MITS-MAN3)
H-NS-00652U-JP	JP	13187415.8	2436308		09/20/2010	09/21/2011	12/11/2013	09/21/2031	National Stage	Active	Issued	Confiden IP	Confiden IP	Monitoring Compliance Using Venous Refill Detection	Patient Monitoring & Recovery - PMR - Mansfield	Watson, Kristin (watasko); VESS, Mark (MITS-MAN3)
H-NS-00652U-KR	KR	111821113.8	2436308		09/20/2010	09/21/2011	12/11/2013	09/21/2031	National Stage	Active	Issued	Confiden IP	Confiden IP	Monitoring Compliance Using Venous Refill Detection	Patient Monitoring & Recovery - PMR - Mansfield	Watson, Kristin (watasko); VESS, Mark (MITS-MAN3)
H-NS-00652U-MX	MX	13187415.8	2436308		09/20/2010	09/21/2011	12/11/2013	09/21/2031	National Stage	Active	Issued	Confiden IP	Confiden IP	Monitoring Compliance Using Venous Refill Detection	Patient Monitoring & Recovery - PMR - Mansfield	Watson, Kristin (watasko); VESS, Mark (MITS-MAN3)

Reference #	Country	App #	Patent #	Pub #	Priority Date	App Date	Issue Date	Expiration Date	Mat'ry Sub	Stage	Pub Status	Current Owner	Assignee	Title	Business Classification	Inventors
H-N-0063268	GB	11181113.8	2436308	2436308	09/10/2010	09/12/2011	12/11/2013	09/12/2031	National Stage	Active	Issued	Confiden IP	Confiden IP	Monitoring Compliance Using Venous Refill Detection	Parent: Monitoring & Recovery - PMR - Mansfield Vascular Compression	Wason, Kristin (wasonko), Yess, Mark (MTG MAN)
H-N-0063269	GB	13181415.8	2695574		09/10/2010	09/12/2011	08/12/2015	09/12/2031	National Stage	Active	Issued	Confiden IP	Confiden IP	Monitoring Compliance Using Venous Refill Detection	Parent: Monitoring & Recovery - PMR - Mansfield Vascular Compression	Wason, Kristin (wasonko), Yess, Mark (MTG MAN)
H-N-0063270	IL	214999	214999		09/10/2010	09/10/2010	01/10/2016	09/06/2031	Utility	Active	Issued	Confiden IP	Confiden IP	Monitoring Compliance Using Venous Refill Detection	Parent: Monitoring & Recovery - PMR - Mansfield Vascular Compression	Wason, Kristin (wasonko), Yess, Mark (MTG MAN)
H-N-0063271	IL	241751			09/10/2010	09/10/2010			Disposnal	Active	Published	Confiden IP	Confiden IP	METHOD OF MONITORING PATIENT COMPLIANCE	Parent: Monitoring & Recovery - PMR - Mansfield Vascular Compression	Wason, Kristin (wasonko), Yess, Mark (MTG MAN)
H-N-0063272	IT	11181113.8	2436308		09/10/2010	09/12/2011	12/11/2013	09/12/2031	National Stage	Active	Issued	Confiden IP	Confiden IP	Monitoring Compliance Using Venous Refill Detection	Parent: Monitoring & Recovery - PMR - Mansfield Vascular Compression	Wason, Kristin (wasonko), Yess, Mark (MTG MAN)
H-N-0063273	IT	13181415.8	2695574		09/10/2010	09/12/2011	08/12/2015	09/12/2031	National Stage	Active	Issued	Confiden IP	Confiden IP	Monitoring Compliance Using Venous Refill Detection	Parent: Monitoring & Recovery - PMR - Mansfield Vascular Compression	Wason, Kristin (wasonko), Yess, Mark (MTG MAN)
H-N-0063274	JP	2011-213391	5378475	2012-25881	09/10/2010	09/10/2011	10/04/2013	09/10/2031	Utility	Active	Issued	Confiden IP	Confiden IP	Monitoring Compliance Using Venous Refill Detection	Parent: Monitoring & Recovery - PMR - Mansfield Vascular Compression	Wason, Kristin (wasonko), Yess, Mark (MTG MAN)
H-N-0063275	US	12/789486		US-2012-0088712-A1	09/10/2010	09/10/2010			Utility	Active	Allowed	Confiden IP	Confiden IP	Monitoring Compliance Using Venous Refill Detection	Parent: Monitoring & Recovery - PMR - Mansfield Vascular Compression	Wason, Kristin (wasonko), Yess, Mark (MTG MAN)
H-N-01063151	US	12/490908	7981089	2009-0247962-A1	08/11/2008	07/19/2011	03/23/2029		Utility	Active	Issued	Confiden IP	Confiden IP	Improved Vial Access Device	Parent: Monitoring & Recovery - PMR - Mansfield Intravenous Access/Prefill (Other: Intravenous)	Wason, Kristin (wasonko), Yess, Mark (MTG MAN)
S-85120A1	CA	2625475	2625475		10/11/2005	10/11/2006	04/01/2014	10/11/2026	National Stage	Active	Issued	Confiden IP	Confiden IP	IV Catheter with in-Line Valve and Methods Related Thereto	Parent: Monitoring & Recovery - PMR - Mansfield Intravenous Access/Prefill (Other: Intravenous)	Wellbader, Eugene (MTG-EW), Bailey, Richard (MTG-RAB3), Heer, Richard (MTG-RLP)
S-85120E1	DE	08836915.2	2229209		10/11/2005	10/10/2008	08/13/2014	10/10/2028	National Stage	Active	Issued	Confiden IP	Confiden IP	IV Catheter with in-Line Valve and Methods Related Thereto	Parent: Monitoring & Recovery - PMR - Mansfield Intravenous Access/Prefill (Other: Intravenous)	Wellbader, Eugene (MTG-EW), Bailey, Richard (MTG-RAB3), Heer, Richard (MTG-RLP)
S-85120F1	DE	12178987.9	2522489	EP1522489	10/11/2007	10/10/2008	01/20/2016	10/10/2028	National Stage	Active	Issued	Confiden IP	Confiden IP	IV Catheter with in-Line Valve and Methods Related Thereto	Parent: Monitoring & Recovery - PMR - Mansfield Intravenous Access/Prefill (Other: Intravenous)	Wellbader, Eugene (MTG-EW), Bailey, Richard (MTG-RAB3), Heer, Richard (MTG-RLP)
S-85120F1	DE	08836915.2	2229209		10/11/2005	10/10/2008	08/13/2014	10/10/2028	National Stage	Active	Issued	Confiden IP	Confiden IP	IV Catheter with in-Line Valve and Methods Related Thereto	Parent: Monitoring & Recovery - PMR - Mansfield Intravenous Access/Prefill (Other: Intravenous)	Wellbader, Eugene (MTG-EW), Bailey, Richard (MTG-RAB3), Heer, Richard (MTG-RLP)
S-85120F1	EP	12178986.1		2522488	10/11/2007	10/10/2008			Disposnal	Active	Published	Confiden IP	Confiden IP	IV Catheter with in-Line Valve and Methods Related Thereto	Parent: Monitoring & Recovery - PMR - Mansfield Intravenous Access/Prefill (Other: Intravenous)	Wellbader, Eugene (MTG-EW), Bailey, Richard (MTG-RAB3), Heer, Richard (MTG-RLP)
S-85125E1	ES	08836915.2	2229209		10/11/2005	10/10/2008	08/13/2014	10/10/2028	National Stage	Active	Issued	Confiden IP	Confiden IP	IV Catheter with in-Line Valve and Methods Related Thereto	Parent: Monitoring & Recovery - PMR - Mansfield Intravenous Access/Prefill (Other: Intravenous)	Wellbader, Eugene (MTG-EW), Bailey, Richard (MTG-RAB3), Heer, Richard (MTG-RLP)
S-8512F01	FR	08836915.2	2229209		10/11/2005	10/10/2008	08/13/2014	10/10/2028	National Stage	Active	Issued	Confiden IP	Confiden IP	IV Catheter with in-Line Valve and Methods Related Thereto	Parent: Monitoring & Recovery - PMR - Mansfield Intravenous Access/Prefill (Other: Intravenous)	Wellbader, Eugene (MTG-EW), Bailey, Richard (MTG-RAB3), Heer, Richard (MTG-RLP)
S-85126B1	GB	08836915.2	2229209		10/11/2005	10/10/2008	08/13/2014	10/10/2028	National Stage	Active	Issued	Confiden IP	Confiden IP	IV Catheter with in-Line Valve and Methods Related Thereto	Parent: Monitoring & Recovery - PMR - Mansfield Intravenous Access/Prefill (Other: Intravenous)	Wellbader, Eugene (MTG-EW), Bailey, Richard (MTG-RAB3), Heer, Richard (MTG-RLP)
S-8512E1	IE	08836915.2	2229209		10/11/2005	10/10/2008	08/13/2014	10/10/2028	National Stage	Active	Issued	Confiden IP	Confiden IP	IV Catheter with in-Line Valve and Methods Related Thereto	Parent: Monitoring & Recovery - PMR - Mansfield Intravenous Access/Prefill (Other: Intravenous)	Wellbader, Eugene (MTG-EW), Bailey, Richard (MTG-RAB3), Heer, Richard (MTG-RLP)
S-8512K1	KR	10-2008-7011163	10-1033106		10/11/2005	10/11/2006	04/27/2011	10/11/2026	National Stage	Active	Issued	Confiden IP	Confiden IP	IV Catheter with in-Line Valve and Methods Related Thereto	Parent: Monitoring & Recovery - PMR - Mansfield Intravenous Access/Prefill (Other: Intravenous)	Wellbader, Eugene (MTG-EW), Bailey, Richard (MTG-RAB3), Heer, Richard (MTG-RLP)
S-8512K1D1V	KR	10-2010-7024425	10-1088209		10/11/2005	10/11/2006	11/23/2011	10/11/2026	National Stage	Active	Issued	Confiden IP	Confiden IP	IV Catheter with in-Line Valve and Methods Related Thereto	Parent: Monitoring & Recovery - PMR - Mansfield Intravenous Access/Prefill (Other: Intravenous)	Wellbader, Eugene (MTG-EW), Bailey, Richard (MTG-RAB3), Heer, Richard (MTG-RLP)
S-8512M5	MX	MX/A/2010/00387.1	310653		10/11/2005	10/10/2008	06/19/2013	10/10/2028	National Stage	Active	Issued	Confiden IP	Confiden IP	IV Catheter with in-Line Valve and Methods Related Thereto	Parent: Monitoring & Recovery - PMR - Mansfield Intravenous Access/Prefill (Other: Intravenous)	Wellbader, Eugene (MTG-EW), Bailey, Richard (MTG-RAB3), Heer, Richard (MTG-RLP)
S-8512M5D1V	MX	MX/A/2012/017462	333439		10/11/2005	10/10/2008	09/24/2015	10/10/2028	Disposnal	Active	Issued	Confiden IP	Confiden IP	IV Catheter with in-Line Valve and Methods Related Thereto	Parent: Monitoring & Recovery - PMR - Mansfield Intravenous Access/Prefill (Other: Intravenous)	Wellbader, Eugene (MTG-EW), Bailey, Richard (MTG-RAB3), Heer, Richard (MTG-RLP)
S-8512J5D9	US	14/977871		US-2016-0199575-A1	10/11/2005	12/22/2015			Continuation	Active	Published	Confiden IP	Confiden IP	IV Catheter with in-Line Valve and Methods Related Thereto	Parent: Monitoring & Recovery - PMR - Mansfield Intravenous Access/Prefill (Other: Intravenous)	Wellbader, Eugene (MTG-EW), Bailey, Richard (MTG-RAB3), Heer, Richard (MTG-RLP)
S-8512J53	US	11/548818	7691090	20070100095A1	10/11/2005	10/11/2006	06/06/2010	06/01/2027	Utility	Active	Issued	Confiden IP	Confiden IP	IV Catheter with in-Line Valve and Methods Related Thereto	Parent: Monitoring & Recovery - PMR - Mansfield Intravenous Access/Prefill (Other: Intravenous)	Wellbader, Eugene (MTG-EW), Bailey, Richard (MTG-RAB3), Heer, Richard (MTG-RLP)
S-8512J54	US	11/546752	7695438	20070088157	10/11/2005	10/11/2006	06/13/2010	06/16/2027	Utility	Active	Issued	Confiden IP	Confiden IP	IV Catheter with in-Line Valve and Methods Related Thereto	Parent: Monitoring & Recovery - PMR - Mansfield Intravenous Access/Prefill (Other: Intravenous)	Wellbader, Eugene (MTG-EW), Bailey, Richard (MTG-RAB3), Heer, Richard (MTG-RLP)
S-8512J55	US	11/974101	8747387	20080091173	10/11/2005	10/11/2007	06/10/2016	06/01/2027	Continuation-in-Part	Active	Issued	Confiden IP	Confiden IP	IV CATHETER WITH IN-LINE VALVE AND METHODS RELATED THERETO	Parent: Monitoring & Recovery - PMR - Mansfield Intravenous Access/Prefill (Other: Intravenous)	Wellbader, Eugene (MTG-EW), Bailey, Richard (MTG-RAB3), Heer, Richard (MTG-RLP)

Reference #	Country	App #	Patent #	Pub #	Priority Date	App Date	Issue Date	Expiration Date	Mat'ng Sub	Stage	Sub Status	Current Owner	Assignee	Title	Abstract/Classification	Inventors
S-8121J56	US	12/799661	8296617	2010-0146765-A1	10/1/2005	02/27/2010	10/16/2012	02/08/2027	Divisional	Active	Issued	Coridon LP	Coridon LP	IV Catheter with in-line Valve and Methods Related Thereto	Patent Monitoring & Recovery - PMR - Mansfield Intravenous Access/Pre-fill Other: Intravenous Access/Pre-fill	Wellbader, Eugene (MITG-EW); Rallay, Richard (MITG-RB3); Fiser, Richard (MITG-RIF)
S-8121J57	US	13/609638	9270882	20130006199	10/1/2005	09/11/2012	12/29/2015	08/17/2027	Continuation	Active	Issued	Coridon LP	Coridon LP	IV Catheter with in-line Valve and Methods Related Thereto	Patent Monitoring & Recovery - PMR - Mansfield Intravenous Access/Pre-fill Other: Intravenous Access/Pre-fill	Wellbader, Eugene (MITG-EW); Rallay, Richard (MITG-RB3); Fiser, Richard (MITG-RIF)
S-8121J62	CA	2625471	2625471	2625471	10/1/2005	10/1/2006	06/17/2014	10/1/2026	National Stage	Active	Issued	Coridon LP	Coridon LP	IV Catheter with in-line Valve and Methods Related Thereto	Patent Monitoring & Recovery - PMR - Mansfield Intravenous Access/Pre-fill Other: Intravenous Access/Pre-fill	Wellbader, Eugene (MITG-EW); Rallay, Richard (MITG-RB3); Fiser, Richard (MITG-RIF); Schaefer, Eugene (MITG-FS)
H-KN-01062J51	US	12/409655	9,259,533	2009004795-2	08/1/2008	08/23/2009	02/16/2016	02/09/2030	Utility	Active	Issued	Coridon LP	Coridon LP	Safety Needle with Spring Biased Retraction Mechanism	Patent Monitoring & Recovery - PMR - Mansfield Blood Collection Other: Blood Collection	Wellbader, Eugene (MITG-EW); Carlyn, James (MITG-CZ3)
S-8004U13	AU	2009222435	2009222435		09/25/2008	09/25/2009	06/12/2014	09/25/2029	Utility	Active	Issued	Coridon LP	Coridon LP	SAFETY SHIELD FOR MEDICAL NEEDLES	Patent Monitoring & Recovery - PMR - Mansfield Needles & Syringes Other: Needles & Syringes	Wellbader, Eugene (MITG-EW); Chebator, Casey (MITG-CT1)
S-8004E13	DE	09170852.9	60209003404.9	2168621	06/20/2005	09/21/2009	11/09/2011	09/21/2029	National Stage	Active	Issued	Coridon LP	Coridon LP	SAFETY SHIELD FOR MEDICAL NEEDLES	Patent Monitoring & Recovery - PMR - Mansfield Needles & Syringes Other: Needles & Syringes	Wellbader, Eugene (MITG-EW); Chebator, Casey (MITG-CT1)
S-8004E33	ES	09170852.9	2168621	2168621	06/20/2005	09/21/2009	11/09/2011	09/21/2029	National Stage	Active	Issued	Coridon LP	Coridon LP	SAFETY SHIELD FOR MEDICAL NEEDLES	Patent Monitoring & Recovery - PMR - Mansfield Needles & Syringes Other: Needles & Syringes	Wellbader, Eugene (MITG-EW); Chebator, Casey (MITG-CT1)
S-8004F83	FR	09170852.9	2168621	2168621	06/20/2005	09/21/2009	11/09/2011	09/21/2029	National Stage	Active	Issued	Coridon LP	Coridon LP	SAFETY SHIELD FOR MEDICAL NEEDLES	Patent Monitoring & Recovery - PMR - Mansfield Needles & Syringes Other: Needles & Syringes	Wellbader, Eugene (MITG-EW); Chebator, Casey (MITG-CT1)
S-8004G83	GB	09170852.9	2168621	2168621	06/20/2005	09/21/2009	11/09/2011	09/21/2029	National Stage	Active	Issued	Coridon LP	Coridon LP	SAFETY SHIELD FOR MEDICAL NEEDLES	Patent Monitoring & Recovery - PMR - Mansfield Needles & Syringes Other: Needles & Syringes	Wellbader, Eugene (MITG-EW); Chebator, Casey (MITG-CT1)
S-8004U53	US	12/7937722	9,338,348	20090062744	06/14/2006	09/25/2008	06/07/2016	06/14/2026	Continuation-in-Part	Active	Issued	Coridon LP	Coridon LP	Safety Shield for Medical Needles	Patent Monitoring & Recovery - PMR - Mansfield Needles & Syringes Other: Needles & Syringes	Wellbader, Eugene (MITG-EW); YAM, JACQY (MITG-JY3)
S-8294U5	US	09/161031	6024120		09/25/1998	09/25/1998	02/15/2000	09/25/2018	Utility	Active	Issued	Coridon LP	Coridon LP	PRESSURE RELIEF VALVE WITH MOVING DIAPHRAGM	Patent Monitoring & Recovery - PMR - Mansfield Cardiothoracic Other: Cardiothoracic	Wellbader, Eugene (MITG-EW)
353691U502	US	14/818374		US-2016-006399-A1	08/12/2014	08/05/2015			Utility	Active	Published	Coridon LP	Coridon LP	Feed-Forty Internal Feeding and Related Methods Thereto	Patent Monitoring & Recovery - PMR - Mansfield Nutritional Care Internal Feeding	Wiesner, Joel (WiesnJ)
353691W002	WO	PC/US2015/044121	WO 2016/023301	08/12/2014	08/07/2015		03/12/2017		Utility	Active	Published	Coridon LP	Coridon LP	Feed-Forty Internal Pump for Dispensing Liquid Nutrition	Patent Monitoring & Recovery - PMR - Mansfield Nutritional Care Internal Feeding	Wiesner, Joel (WiesnJ); Boulanger, Jason (BoulJ2); Hudson, Joseph (HudsJ8)
H-KN-01452AU	AU	2011201858	2011201858		05/11/2010	04/21/2011	01/29/2014	04/21/2031	Utility	Active	Issued	Coridon LP	Coridon LP	IMPROVED SAFETY INTER-LOCK	Patent Monitoring & Recovery - PMR - Mansfield Nutritional Care Internal Feeding	Wiesner, Joel (WiesnJ); Boulanger, Jason (BoulJ2); Hudson, Joseph (HudsJ8)
H-KN-01452CA	CA	2737170	2737170	2737170	05/11/2010	04/12/2011	02/04/2014	04/12/2031	Utility	Active	Issued	Coridon LP	Coridon LP	IMPROVED SAFETY INTER-LOCK	Patent Monitoring & Recovery - PMR - Mansfield Nutritional Care Internal Feeding	Wiesner, Joel (WiesnJ); Boulanger, Jason (BoulJ2); Hudson, Joseph (HudsJ8)
H-KN-01452CN	CN	201110119053.1	21201110119053.1	CN102758815A	05/11/2010	05/10/2011	08/27/2014	05/10/2031	Utility	Active	Issued	Coridon LP	Coridon LP	IMPROVED SAFETY INTER-LOCK	Patent Monitoring & Recovery - PMR - Mansfield Nutritional Care Internal Feeding	Wiesner, Joel (WiesnJ); Boulanger, Jason (BoulJ2); Hudson, Joseph (HudsJ8)
H-KN-01452CNDV1	CN	201410213990.7	21201410213990.7	CN103948982A	05/11/2010	05/10/2011	06/01/2016	05/10/2031	Divisional	Active	Issued	Coridon LP	Coridon LP	IMPROVED SAFETY INTER-LOCK	Patent Monitoring & Recovery - PMR - Mansfield Nutritional Care Internal Feeding	Wiesner, Joel (WiesnJ); Boulanger, Jason (BoulJ2); Hudson, Joseph (HudsJ8)
H-KN-01452CNDV2	CN	201410214068.X	21201410214068.X	CN103948983B	05/11/2010	05/10/2011	06/01/2016	05/10/2031	Divisional	Active	Issued	Coridon LP	Coridon LP	IMPROVED SAFETY INTER-LOCK	Patent Monitoring & Recovery - PMR - Mansfield Nutritional Care Internal Feeding	Wiesner, Joel (WiesnJ); Boulanger, Jason (BoulJ2); Hudson, Joseph (HudsJ8)
H-KN-01452JP	JP	2011-99855	5306409	2011-235096	05/11/2010	04/27/2011	07/05/2013	04/27/2031	Utility	Active	Issued	Coridon LP	Coridon LP	IMPROVED SAFETY INTER-LOCK	Patent Monitoring & Recovery - PMR - Mansfield Nutritional Care Internal Feeding	Wiesner, Joel (WiesnJ); Boulanger, Jason (BoulJ2); Hudson, Joseph (HudsJ8)
H-KN-01452MX	MX	WM/4/2011/004359	333215		05/11/2010	04/26/2011	09/17/2015	04/26/2031	Utility	Active	Issued	Coridon LP	Coridon LP	IMPROVED SAFETY INTER-LOCK	Patent Monitoring & Recovery - PMR - Mansfield Nutritional Care Internal Feeding	Wiesner, Joel (WiesnJ); Boulanger, Jason (BoulJ2); Hudson, Joseph (HudsJ8)
H-KN-01452US	US	12/777357	8154274	20110297107	05/11/2010	05/11/2010	04/10/2012	06/29/2030	Utility	Active	Issued	Coridon LP	Coridon LP	IMPROVED SAFETY INTER-LOCK	Patent Monitoring & Recovery - PMR - Mansfield Nutritional Care Internal Feeding	Wiesner, Joel (WiesnJ); Boulanger, Jason (BoulJ2); Hudson, Joseph (HudsJ8)
H-KN-01452US1	US	13/416837	8760146	20120178201	05/11/2010	03/09/2012	06/24/2014	09/27/2030	Continuation	Active	Issued	Coridon LP	Coridon LP	SAFETY INTER-LOCK	Patent Monitoring & Recovery - PMR - Mansfield Nutritional Care Internal Feeding	Wiesner, Joel (WiesnJ); Boulanger, Jason (BoulJ2); Hudson, Joseph (HudsJ8)
H-KN-123627N61	CA	2012387055-589.4	CN10387055-589.4	132327313	05/25/2013	05/25/2013			Continuation	Active	Issued	Coridon LP	Coridon LP	SAFETY INTER-LOCK	Patent Monitoring & Recovery - PMR - Mansfield Nutritional Care Internal Feeding	Wiesner, Joel (WiesnJ); Boulanger, Jason (BoulJ2); Hudson, Joseph (HudsJ8)
H-KN-123627N71	DE	13734083.9	CN10387055-589.4	012345678	05/25/2013	05/25/2013			Continuation	Active	Issued	Coridon LP	Coridon LP	SAFETY INTER-LOCK	Patent Monitoring & Recovery - PMR - Mansfield Nutritional Care Internal Feeding	Wiesner, Joel (WiesnJ); Boulanger, Jason (BoulJ2); Hudson, Joseph (HudsJ8)
H-KN-123627N73	FR	13734083.9	CN10387055-589.4	012345678	05/25/2013	05/25/2013			Continuation	Active	Issued	Coridon LP	Coridon LP	SAFETY INTER-LOCK	Patent Monitoring & Recovery - PMR - Mansfield Nutritional Care Internal Feeding	Wiesner, Joel (WiesnJ); Boulanger, Jason (BoulJ2); Hudson, Joseph (HudsJ8)
H-KN-123627N74	IT	13734083.9	CN10387055-589.4	012345678	05/25/2013	05/25/2013			Continuation	Active	Issued	Coridon LP	Coridon LP	SAFETY INTER-LOCK	Patent Monitoring & Recovery - PMR - Mansfield Nutritional Care Internal Feeding	Wiesner, Joel (WiesnJ); Boulanger, Jason (BoulJ2); Hudson, Joseph (HudsJ8)
H-KN-123627N75	JP	13734083.9	CN10387055-589.4	012345678	05/25/2013	05/25/2013			Continuation	Active	Issued	Coridon LP	Coridon LP	SAFETY INTER-LOCK	Patent Monitoring & Recovery - PMR - Mansfield Nutritional Care Internal Feeding	Wiesner, Joel (WiesnJ); Boulanger, Jason (BoulJ2); Hudson, Joseph (HudsJ8)
H-KN-123627N76	US	13734083.9	CN10387055-589.4	012345678	05/25/2013	05/25/2013			Continuation	Active	Issued	Coridon LP	Coridon LP	SAFETY INTER-LOCK	Patent Monitoring & Recovery - PMR - Mansfield Nutritional Care Internal Feeding	Wiesner, Joel (WiesnJ); Boulanger, Jason (BoulJ2); Hudson, Joseph (HudsJ8)

Reference #	Country	App #	Patent #	Pub #	Priority Date	App Date	Issue Date	Expiration Date	Active Sub- Type	Status	Sub Status	Current Owner	Assignee	Title	Business Classification	Inventors
H-KN-03076AU	AU	16172/2013	352736		09/30/2013	11/27/2013	01/19/2014	11/27/2023	Design	Active	Issued	Coridon LP	Coridon LP	Medical Device Supporting Apparatus	Patient Monitoring & Recovery - PMR - Mansfield	Wiesner, Joel (wensn); Hart, James (hart1); Bretwieser, Kenneth (bretk1)
H-KN-03076P	JP	2013-27743	1538937		09/30/2013	11/27/2013	07/09/2014	07/09/2034	Design	Active	Issued	Coridon LP	Coridon LP	Medical Device Supporting Apparatus	Patient Monitoring & Recovery - PMR - Mansfield	Wiesner, Joel (wensn); Hart, James (hart1); Bretwieser, Kenneth (bretk1)
H-KN-03076P1	JP	2014-12312	1538972		09/30/2013	11/27/2013	07/09/2014	07/09/2034	Divisional	Active	Issued	Coridon LP	Coridon LP	Medical Device Supporting Apparatus	Patient Monitoring & Recovery - PMR - Mansfield	Wiesner, Joel (wensn); Hart, James (hart1); Bretwieser, Kenneth (bretk1)
353876AU01	AU	201416183	353954		09/30/2014	11/28/2014	12/10/2014	11/28/2024	Design	Active	Issued	Coridon LP	Coridon LP	Medical Device Supporting Apparatus including Tube Holder	Patient Monitoring & Recovery - PMR - Mansfield	Wiesner, Joel (wensn); Hart, James (hart1); Bretwieser, Kenneth (bretk1); Triford, Lester (trifl1)
353876AU02	AU	201416185	353956		09/30/2014	11/28/2014	12/10/2014	11/28/2024	Design	Active	Issued	Coridon LP	Coridon LP	Tube Holder for a Medical Device Supporting Apparatus	Patient Monitoring & Recovery - PMR - Mansfield	Wiesner, Joel (wensn); Hart, James (hart1); Bretwieser, Kenneth (bretk1); Triford, Lester (trifl1)
353876CA01	CA	159229	159229		09/30/2014	10/20/2014	07/22/2016	07/22/2026	Design	Active	Issued	Coridon LP	Coridon LP	MEDICAL DEVICE SUPPORT HAVING A TUBE HOLDER	Patient Monitoring & Recovery - PMR - Mansfield	Wiesner, Joel (wensn); Hart, James (hart1); Bretwieser, Kenneth (bretk1); Triford, Lester (trifl1)
353876CA02	CA	162798	162798		09/30/2014	10/20/2014	07/22/2016	07/22/2026	Divisional	Active	Issued	Coridon LP	Coridon LP	MEDICAL DEVICE SUPPORT APPARATUS INCLUDING TUBE HOLDER	Patient Monitoring & Recovery - PMR - Mansfield	Wiesner, Joel (wensn); Hart, James (hart1); Bretwieser, Kenneth (bretk1); Triford, Lester (trifl1)
353876CA01	CN	201430480911.X	2701430480911.X		09/30/2014	11/28/2014	05/06/2015	11/28/2024	Design	Active	Issued	Coridon LP	Coridon LP	Medical Device Supporting Apparatus	Patient Monitoring & Recovery - PMR - Mansfield	Wiesner, Joel (wensn); Hart, James (hart1); Bretwieser, Kenneth (bretk1); Triford, Lester (trifl1)
353876P01	JP	2014-28014	1522174		09/30/2014	12/16/2014	03/20/2015	03/20/2035	Design	Active	Issued	Coridon LP	Coridon LP	Tube Holder for a Medical Device Supporting Apparatus	Patient Monitoring & Recovery - PMR - Mansfield	Wiesner, Joel (wensn); Hart, James (hart1); Bretwieser, Kenneth (bretk1); Triford, Lester (trifl1)
353876P02	JP	2014-28015	1522175		09/30/2014	12/16/2014	03/20/2015	03/20/2035	Design	Active	Issued	Coridon LP	Coridon LP	Tube Holder for a Medical Device Supporting Apparatus	Patient Monitoring & Recovery - PMR - Mansfield	Wiesner, Joel (wensn); Hart, James (hart1); Bretwieser, Kenneth (bretk1); Triford, Lester (trifl1)
353876S601	SG	30201400158U	30201400158U		09/30/2014	12/03/2014	02/09/2015	12/03/2029	Design	Active	Issued	Coridon LP	Coridon LP	Tube Holder for a Medical Device Supporting Apparatus	Patient Monitoring & Recovery - PMR - Mansfield	Wiesner, Joel (wensn); Hart, James (hart1); Bretwieser, Kenneth (bretk1); Triford, Lester (trifl1)
353876S602	SG	30201400159V	30201400159V		09/30/2014	12/03/2014	02/09/2015	12/03/2029	Design	Active	Issued	Coridon LP	Coridon LP	Tube Holder for a Medical Device Supporting Apparatus	Patient Monitoring & Recovery - PMR - Mansfield	Wiesner, Joel (wensn); Hart, James (hart1); Bretwieser, Kenneth (bretk1); Triford, Lester (trifl1)
H-KN-03076US	US	D2013/152572	D2013/152572		09/30/2013	11/27/2013	03/18/2014	11/27/2028	Design	Active	Issued	Coridon LP	Coridon LP	Medical Device Supporting Apparatus	Patient Monitoring & Recovery - PMR - Mansfield	Wiesner, Joel (wensn); Hart, James (hart1); Bretwieser, Kenneth (bretk1); Triford, Lester (trifl1)
H-KN-03076US	US	D2048893	D262300		09/30/2013	09/30/2013	07/26/2016	07/26/2030	Design	Active	Issued	Coridon LP	Coridon LP	Medical Device Supporting Apparatus	Patient Monitoring & Recovery - PMR - Mansfield	Wiesner, Joel (wensn); Hart, James (hart1); Bretwieser, Kenneth (bretk1); Triford, Paul (trifg-pr2)
H-KN-03076CA	CA	154089	154089		09/30/2013	11/22/2013	07/22/2016	07/22/2026	Design	Active	Issued	Coridon LP	Coridon LP	MEDICAL DEVICE SUPPORT	Patient Monitoring & Recovery - PMR - Mansfield	Wiesner, Joel (wensn); Hart, James (hart1); Faurie, Glenn (MIG-65F1); Knevey, Scott (MIG-508); Sisk, Ricky (MIG-84SS1)
H-KN-00635US	US	11/744710	7980521	2008027254	05/04/2007	05/04/2007	07/19/2011	02/17/2030	Utility	Active	Issued	Coridon LP	Coridon LP	Medical Device Safety Support With Inflator Positioning	Patient Monitoring & Recovery - PMR - Mansfield	Wiesner, Joel (wensn); Hart, James (hart1); Bretwieser, Kenneth (bretk1); Sherman, Wayne (bernmw1); Harris, Benjamin (MIG-8H)
H-KN-03077CA	CN	80327661872014.X	80327661872014.X		09/30/2013	09/30/2013			Design	Active	Submitted	Coridon LP	Coridon LP	Medical Device Supporting Apparatus	Patient Monitoring & Recovery - PMR - Mansfield	Wiesner, Joel (wensn); Hart, James (hart1); Bretwieser, Kenneth (bretk1); Sherman, Wayne (bernmw1); Harris, Benjamin (MIG-8H)
H-KN-03077US	US	156737626.8	9,226,534	20130265773	09/30/2014	09/30/2014	11/25/2016	03/01/2024	Design	Active	Issued	Coridon LP	Coridon LP	Medical Device Supporting Apparatus	Patient Monitoring & Recovery - PMR - Mansfield	Wiesner, Joel (wensn); Hart, James (hart1); Bretwieser, Kenneth (bretk1); Sherman, Wayne (bernmw1); Harris, Benjamin (MIG-8H)
3536072AU02	AU	201615354	201615354		09/30/2016	09/23/2016	11/03/2016	09/23/2026	Design	Active	Issued	Coridon LP	Coridon LP	MEDICAL BAG AND PUMP SUPPORT	Patient Monitoring & Recovery - PMR - Mansfield	Wiesner, Joel (wensn); Hart, James (hart1); Bretwieser, Kenneth (bretk1); Sherman, Wayne (bernmw1); Harris, Benjamin (MIG-8H)
3536072CA03	CA	170774			09/30/2016	09/30/2016			Design	Active	Filed	Coridon LP	Coridon LP	BACKPACK WITH MEDICAL BAG AND PUMP SUPPORT	Patient Monitoring & Recovery - PMR - Mansfield	Wiesner, Joel (wensn); Hart, James (hart1); Bretwieser, Kenneth (bretk1); Sherman, Wayne (bernmw1); Harris, Benjamin (MIG-8H)
3536072EU05	EU	003892001			09/30/2016	09/16/2016			Design	Active	Filed	Coridon LP	Coridon LP	MEDICAL BAG AND PUMP SUPPORT	Patient Monitoring & Recovery - PMR - Mansfield	Wiesner, Joel (wensn); Hart, James (hart1); Bretwieser, Kenneth (bretk1); Sherman, Wayne (bernmw1); Harris, Benjamin (MIG-8H)
3536072JP06	JP	2016-20822			09/30/2016	09/28/2016			Design	Active	Allowed	Coridon LP	Coridon LP	MEDICAL PUMP SUPPORT	Patient Monitoring & Recovery - PMR - Mansfield	Wiesner, Joel (wensn); Hart, James (hart1); Bretwieser, Kenneth (bretk1); Sherman, Wayne (bernmw1); Harris, Benjamin (MIG-8H)
3536072US01	US	2015/59,631			09/30/2016	09/30/2016			Design	Active	Filed	Coridon LP	Coridon LP	MEDICAL BAG AND PUMP SUPPORT	Patient Monitoring & Recovery - PMR - Mansfield	Wiesner, Joel (wensn); Hart, James (hart1); Bretwieser, Kenneth (bretk1); Sherman, Wayne (bernmw1); Harris, Benjamin (MIG-8H)
3536072WO04	WO	HC/US2016/024900			09/30/2016	09/30/2016			Utility	Active	Filed	Coridon LP	Coridon LP	INTERNAL FEEDING BAG AND PUMP SUPPORT	Patient Monitoring & Recovery - PMR - Mansfield	Wiesner, Joel (wensn); Hart, James (hart1); Bretwieser, Kenneth (bretk1); Sherman, Wayne (bernmw1); Harris, Benjamin (MIG-8H)
3536073US02	US	15784,694		US 2016-0317392 A1	09/30/2015	09/30/2016			Utility	Active	Published	Coridon LP	Coridon LP	INTERNAL FEEDING BAG AND PUMP SUPPORT	Patient Monitoring & Recovery - PMR - Mansfield	Wiesner, Joel (wensn); Hart, James (hart1); Bretwieser, Kenneth (bretk1); Sherman, Wayne (bernmw1); Harris, Benjamin (MIG-8H)

Master #	Country	App #	Patent #	Pub #	Priority Date	App Date	Issue Date	Expiration Date	Master Sub-Type	Status	Sub Status	Current Owner	Assignee	Title	Business Classification	Inventors
H-KN-03174-LR53	US	15/242,645			08/27/2015	08/27/2016			Utility	Active	Filed	Covident LP	Covident LP	Temperature Sensing Syringe for Enteral Feeding	Patient: Monitoring & Recovery - PMR - Mansfield Nutritional Care Enteral Feeding	Wensner, Joel (wensn1); Swisher, David (swishd1); Bierman, Wayne (bierw1); Dorson, Michael (dorsm1)
H-KN-00600CA	CA	2594084	2594084		01/05/2007	07/19/2007	11/09/2010	07/19/2007	Utility	Active	Issued	Covident LP	Covident LP	Pump Set With Safety Interlock	Patient: Monitoring & Recovery - PMR - Mansfield Nutritional Care Enteral Feeding	Wensner, Joel (wensn1); Swisher, David (swishd1); Haddon, James (COV-pv-6d1); Mater, Kevin (MAT-KM-01)
H-KN-00600MX	MX	MX/a/2007/009163	281742		01/05/2007	07/30/2007	12/06/2010	07/30/2007	Utility	Active	Issued	Covident LP	Covident LP	Pump Set With Safety Interlock	Patient: Monitoring & Recovery - PMR - Mansfield Nutritional Care Enteral Feeding	Wensner, Joel (wensn1); Swisher, David (swishd1); Haddon, James (COV-pv-6d1); Mater, Kevin (MAT-KM-01)
H-KN-00600US	US	11/620353	772562	20070253833	08/03/2006	01/05/2007	05/23/2010	01/31/2007	Continuation-in-Part	Active	Issued	Covident LP	Covident LP	Pump Set With Safety Interlock	Patient: Monitoring & Recovery - PMR - Mansfield Nutritional Care Enteral Feeding	Wensner, Joel (wensn1); Swisher, David (swishd1); Haddon, James (COV-pv-6d1); Mater, Kevin (MAT-KM-01)
H-KN-00996EM	EU	001005425	011005425_0001		08/21/2008	09/18/2008	09/18/2008	09/18/2008	Design	Active	Issued	Covident LP	Covident LP	Compression Device	Patient: Monitoring & Recovery - PMR - Mansfield Vascular Compression	Wulfska, Scott (wulfsk1)
H-KN-02766-KRM4	KR	10-2016-/2007613			09/27/2013	09/08/2014		09/08/2014	National Stage	Active	Filed	Covident LP	Covident LP	Compression Garment Controlling	Patient: Monitoring & Recovery - PMR - Mansfield Vascular Compression	Wulfska, Scott (wulfsk1); Crowley, Peter (MITG-H-C3)
1B28K4U	AU	2005216923	2005216923		02/23/2004	02/23/2005	09/10/2009	02/23/2005	National Stage	Active	Issued	Covident LP	Covident LP	Compression Treatment System	Patient: Monitoring & Recovery - PMR - Mansfield Vascular Compression	Wulfska, Scott (wulfsk1); Yes, Mark (MITG-MAV3); Perry, Matthew (MITG-MIP)
1B28KCN	CN	20058000426.0	212005800426.0	CN1978424	02/23/2004	02/23/2005	01/16/2012	02/23/2005	National Stage	Active	Issued	Covident LP	Covident LP	Compression Treatment System	Patient: Monitoring & Recovery - PMR - Mansfield Vascular Compression	Wulfska, Scott (wulfsk1); Yes, Mark (MITG-MAV3); Perry, Matthew (MITG-MIP)
1B28KCDIV	CN	201210098027.X	21201210098027.X	CN102614074A	02/23/2004	02/23/2005	07/23/2015	02/23/2005	Divisional	Active	Issued	Covident LP	Covident LP	Compression Treatment System	Patient: Monitoring & Recovery - PMR - Mansfield Vascular Compression	Wulfska, Scott (wulfsk1); Yes, Mark (MITG-MAV3); Perry, Matthew (MITG-MIP)
1B28KOE	DE	05713933.9	602005089006.5	1722738	02/23/2004	02/23/2005	04/10/2013	02/23/2005	National Stage	Active	Issued	Covident LP	Covident LP	Compression Treatment System	Patient: Monitoring & Recovery - PMR - Mansfield Vascular Compression	Wulfska, Scott (wulfsk1); Yes, Mark (MITG-MAV3); Perry, Matthew (MITG-MIP)
1B28KEPDV1	EP	10185360.6		EP2312488	02/23/2004	10/01/2010			Divisional	Active	Published	Covident LP	Covident LP	Compression Treatment System	Patient: Monitoring & Recovery - PMR - Mansfield Vascular Compression	Wulfska, Scott (wulfsk1); Yes, Mark (MITG-MAV3); Perry, Matthew (MITG-MIP)
1B28KES	ES	05713933.9	ES21488073	1722738	02/23/2004	02/23/2005	04/10/2013	02/23/2005	National Stage	Active	Issued	Covident LP	Covident LP	Compression Treatment System	Patient: Monitoring & Recovery - PMR - Mansfield Vascular Compression	Wulfska, Scott (wulfsk1); Yes, Mark (MITG-MAV3); Perry, Matthew (MITG-MIP)
1B28KFR	FR	05713933.9	1722738	1722738	02/23/2004	02/23/2005	04/10/2013	02/23/2005	National Stage	Active	Issued	Covident LP	Covident LP	Compression Treatment System	Patient: Monitoring & Recovery - PMR - Mansfield Vascular Compression	Wulfska, Scott (wulfsk1); Yes, Mark (MITG-MAV3); Perry, Matthew (MITG-MIP)
1B28KGB	GB	05713933.9	1722738	1722738	02/23/2004	02/23/2005	04/10/2013	02/23/2005	National Stage	Active	Issued	Covident LP	Covident LP	Compression Treatment System	Patient: Monitoring & Recovery - PMR - Mansfield Vascular Compression	Wulfska, Scott (wulfsk1); Yes, Mark (MITG-MAV3); Perry, Matthew (MITG-MIP)
1B28KI	IL	176410	176410	1212009	02/23/2004	02/23/2005	09/17/2010	02/23/2005	National Stage	Active	Issued	Covident LP	Covident LP	Compression Treatment System	Patient: Monitoring & Recovery - PMR - Mansfield Vascular Compression	Wulfska, Scott (wulfsk1); Yes, Mark (MITG-MAV3); Perry, Matthew (MITG-MIP)
1B28KIT	IT	05713933.9	1722738	1722738	02/23/2004	02/23/2005	04/10/2013	02/23/2005	National Stage	Active	Issued	Covident LP	Covident LP	Compression Treatment System	Patient: Monitoring & Recovery - PMR - Mansfield Vascular Compression	Wulfska, Scott (wulfsk1); Yes, Mark (MITG-MAV3); Perry, Matthew (MITG-MIP)
1B28KJP	JP	2006-54036	4571156	P/2007528889A	02/23/2004	02/23/2005	08/20/2010	02/23/2005	National Stage	Active	Issued	Covident LP	Covident LP	Compression Treatment System	Patient: Monitoring & Recovery - PMR - Mansfield Vascular Compression	Wulfska, Scott (wulfsk1); Yes, Mark (MITG-MAV3); Perry, Matthew (MITG-MIP)
1B28KR	KR	10-2006-/2016796	10-0914569		02/23/2004	02/23/2005	08/21/2009	02/23/2005	National Stage	Active	Issued	Covident LP	Covident LP	Compression Treatment System	Patient: Monitoring & Recovery - PMR - Mansfield Vascular Compression	Wulfska, Scott (wulfsk1); Yes, Mark (MITG-MAV3); Perry, Matthew (MITG-MIP)
1B28KLS1	US	10/784323	7354410	20050187500	02/23/2004	02/23/2004	04/08/2008	12/31/2004	Utility	Active	Issued	Covident LP	Covident LP	COMPRESSION TREATMENT SYSTEM	Patient: Monitoring & Recovery - PMR - Mansfield Vascular Compression	Wulfska, Scott (wulfsk1); Yes, Mark (MITG-MAV3); Perry, Matthew (MITG-MIP)
1B28KLS2	US	11/143548	7354411	20050225356	02/23/2004	06/02/2005	04/08/2008	02/27/2005	Continuation-in-Part	Active	Issued	Covident LP	Covident LP	Garment Detection Method and System for Delivering Compression Treatment	Patient: Monitoring & Recovery - PMR - Mansfield Vascular Compression	Wulfska, Scott (wulfsk1); Yes, Mark (MITG-MAV3); Perry, Matthew (MITG-MIP)
1B28KLS4	US	12/813597	8734369	20100259679	11/21/2007	06/11/2010	05/27/2014	06/19/2006	Continuation	Active	Issued	Covident LP	Covident LP	Garment Detection Method and System for Delivering Compression Treatment	Patient: Monitoring & Recovery - PMR - Mansfield Vascular Compression	Wulfska, Scott (wulfsk1); Yes, Mark (MITG-MAV3); Perry, Matthew (MITG-MIP)
1B28KLS5	US	14/213381		US-2014-0207036-A1	06/11/2010	03/17/2014			Divisional	Active	Published	Covident LP	Covident LP	Compression Treatment	Patient: Monitoring & Recovery - PMR - Mansfield Vascular Compression	Wulfska, Scott (wulfsk1); Yes, Mark (MITG-MAV3); Perry, Matthew (MITG-MIP)
H-NS-011860E	DE	09011388.2	2191766	2191766	11/28/2008	09/10/2009	09/07/2011	09/10/2009	National Stage	Active	Issued	Covident LP	Covident LP	DEVICE FOR PREVENTING SLIPPAGE OF PROTECTIVE COVERS AND AN ENDOSCOPE SET	Patient: Monitoring & Recovery - PMR - Mansfield Nutritional Care Gastrointestinal	YAMATO, Yoshitaka (MITG-yv4)
H-NS-011866F	FR	09011388.2	2191766	2191766	11/28/2008	09/10/2009	09/07/2011	09/10/2009	National Stage	Active	Issued	Covident LP	Covident LP	DEVICE FOR PREVENTING SLIPPAGE OF PROTECTIVE COVERS AND AN ENDOSCOPE SET	Patient: Monitoring & Recovery - PMR - Mansfield Nutritional Care Gastrointestinal	YAMATO, Yoshitaka (MITG-yv4)
H-NS-011866G	GB	09011388.2	2191766	2191766	11/28/2008	09/10/2009	09/07/2011	09/10/2009	National Stage	Active	Issued	Covident LP	Covident LP	DEVICE FOR PREVENTING SLIPPAGE OF PROTECTIVE COVERS AND AN ENDOSCOPE SET	Patient: Monitoring & Recovery - PMR - Mansfield Nutritional Care Gastrointestinal	YAMATO, Yoshitaka (MITG-yv4)
H-NS-012530S	US	14/352081	8964456	20140256981	10/20/2011	10/19/2012	02/24/2015	10/20/2011	National Stage	Active	Issued	Covident LP	Covident LP	Feetula Catheter	Patient: Monitoring & Recovery - PMR - Mansfield Nutritional Care Gastrointestinal	YAMOTO, Nasuko (MITG-WV3)
H-NS-01249 D1N1	DE	12834880.2	2760519	EP2760519	09/29/2011	09/28/2012	03/02/2016	09/28/2012	National Stage	Active	Issued	Covident LP	Covident LP	Feetula Catheter	Patient: Monitoring & Recovery - PMR - Mansfield Nutritional Care Gastrointestinal	YAMOTO, Nasuko (MITG-WV3); Funamura, Shigeki (MITG-S56)
H-NS-01249 FHN2	FR	12834880.2	2760519	EP2760519	09/29/2011	09/28/2012	03/02/2016	09/28/2012	National Stage	Active	Issued	Covident LP	Covident LP	Feetula Catheter	Patient: Monitoring & Recovery - PMR - Mansfield Nutritional Care Gastrointestinal	YAMOTO, Nasuko (MITG-WV3); Funamura, Shigeki (MITG-S56)
H-NS-01249 GHN3	GB	12834880.2	2760519	EP2760519	09/29/2011	09/28/2012	03/02/2016	09/28/2012	National Stage	Active	Issued	Covident LP	Covident LP	Feetula Catheter	Patient: Monitoring & Recovery - PMR - Mansfield Nutritional Care Gastrointestinal	YAMOTO, Nasuko (MITG-WV3); Funamura, Shigeki (MITG-S56)
H-NS-01249 IUS	US	14/347857	9124014	20140356355	09/29/2011	09/28/2012	09/08/2015	09/28/2012	National Stage	Active	Issued	Covident LP	Covident LP	Feetula Catheter	Patient: Monitoring & Recovery - PMR - Mansfield Nutritional Care Gastrointestinal	YAMOTO, Nasuko (MITG-WV3); Funamura, Shigeki (MITG-S56)

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H-KN-006191J5	US	11/539545	7507021	2008012464	10/06/2006	10/06/2006	03/24/2009	11/27/2026	Utility	Active	Issued	Confiden LP	Confiden LP	Automatic Actuating System for Thermometer	Patient Monitoring & Recovery - PMR - Mansfield	Yokoyama, Daisi (MITG-DVY); Peter, Jeffrey (MITG-HFZ)
H-KN-011907J01	DE	10002474.4	602010030094.9	EP2233063	03/24/2009	03/10/2010	02/14/2016	03/10/2030	National Stage	Active	Issued	Confiden LP	Confiden LP	Bonding Instrument for an Endoscope and Endoscope	Patient Monitoring & Recovery - PMR - Mansfield	Yokoyama, Masazoshi (Yokoyam2); Funamura, Shigeaki (MITG-S56); SATOH, Takaishi (MITG-1514)
H-KN-011907J01	FR	10002474.4	2233063	EP2233063	03/24/2009	03/10/2010	02/14/2016	03/10/2030	National Stage	Active	Issued	Confiden LP	Confiden LP	Bonding Instrument for an Endoscope and Endoscope	Patient Monitoring & Recovery - PMR - Mansfield	Yokoyama, Masazoshi (Yokoyam2); Funamura, Shigeaki (MITG-S56); SATOH, Takaishi (MITG-1514)
H-KN-011906J01	GB	10002474.4	2233063	EP2233063	03/24/2009	03/10/2010	02/14/2016	03/10/2030	National Stage	Active	Issued	Confiden LP	Confiden LP	Bonding Instrument for an Endoscope and Endoscope	Patient Monitoring & Recovery - PMR - Mansfield	Yokoyama, Masazoshi (Yokoyam2); Funamura, Shigeaki (MITG-S56); SATOH, Takaishi (MITG-1514)
H-KN-011891J01-VI	DE	10000020.7	2206458	EP2206458	01/09/2009	01/05/2010	04/27/2016	01/05/2030	National Stage	Active	Issued	Confiden LP	Confiden LP	PLUG AND CONNECTING STRUCTURE FOR ENDOSCOPE PROVIDED THEREWITH	Patient Monitoring & Recovery - PMR - Mansfield	Yokoyama, Masazoshi (Yokoyam2); WAMATZU, Keira (MITG-K45)
H-KN-011891J01-FNZ	FR	10000020.7	2206458	EP2206458	01/09/2009	01/05/2010	04/27/2016	01/05/2030	National Stage	Active	Issued	Confiden LP	Confiden LP	PLUG AND CONNECTING STRUCTURE FOR ENDOSCOPE PROVIDED THEREWITH	Patient Monitoring & Recovery - PMR - Mansfield	Yokoyama, Masazoshi (Yokoyam2); WAMATZU, Keira (MITG-K45)
H-KN-011891J01-GBN3	GB	10000020.7	2206458	EP2206458	01/09/2009	01/05/2010	04/27/2016	01/05/2030	National Stage	Active	Issued	Confiden LP	Confiden LP	PLUG AND CONNECTING STRUCTURE FOR ENDOSCOPE PROVIDED THEREWITH	Patient Monitoring & Recovery - PMR - Mansfield	Yokoyama, Masazoshi (Yokoyam2); WAMATZU, Keira (MITG-K45)
H-KN-01189CA	CA	2689768	2689768	2689768	01/09/2009	01/06/2010	11/17/2015	01/06/2030	Utility	Active	Issued	Confiden LP	Confiden LP	PLUG AND CONNECTING STRUCTURE FOR ENDOSCOPE PROVIDED THEREWITH	Patient Monitoring & Recovery - PMR - Mansfield	Yokoyama, Masazoshi (Yokoyam2); WAMATZU, Keira (MITG-K45)
H-KN-01189J5	US	12/651705	8348524	20100178014	01/09/2009	01/04/2010	01/08/2013	11/09/2029	Utility	Active	Issued	Confiden LP	Confiden LP	Plug and Connecting Structure for Endoscope	Patient Monitoring & Recovery - PMR - Mansfield	Yokoyama, Masazoshi (Yokoyam2); Watanabe, Motomori (Watanab2); AKAKE, Yoshimi (MITG-VA); SUZUKI, Nobuhiko (MITG-NS6); KOIKE, Kaiburo (MITG-K48)
H-KN-00127J51	US	12/691787	8132470	2010006455	09/25/2008	01/22/2010	03/13/2012	09/02/2029	Continuation-In-Part	Active	Issued	Confiden LP	Confiden LP	Fluid Flow Detector Having a Mobile Body Moving Between a Detection Channel and a Discharge Channel	Patient Monitoring & Recovery - PMR - Mansfield	Yokoyama, Masazoshi (Yokoyam2); Watanabe, Motomori (Watanab2); AKAKE, Yoshimi (MITG-VA); SUZUKI, Nobuhiko (MITG-NS6); KOIKE, Kaiburo (MITG-K48)
H-KN-02246JSCZ	US	15/230395		US 2016-0388610 A1	07/22/2011	08/08/2016			Continuation	Active	Published	Confiden LP	Confiden LP	ECG Electrode Connector	Patient Monitoring & Recovery - PMR - Mansfield	Yu, Peter (MITG-PV1); Zhou, David (MITG-DZ1)
H-KN-02246CA	CA	2841601	2841601		07/19/2011	07/22/2011			National Stage	Active	Published	Confiden LP	Confiden LP	ECG Electrode Connector	Patient Monitoring & Recovery - PMR - Mansfield	Yu, Peter (MITG-PV1); Zhou, David (MITG-DZ1)
H-KN-02246CN	CN	201180072455.9	103867337A		07/19/2011	07/22/2011	02/24/2016	07/22/2031	National Stage	Active	Issued	Confiden LP	Confiden LP	ECG Electrode Connector	Patient Monitoring & Recovery - PMR - Mansfield	Yu, Peter (MITG-PV1); Zhou, David (MITG-DZ1)
H-KN-02246EP	EP	1186957.8		2734106	07/19/2011	01/14/2014			National Stage	Active	Published	Confiden LP	Confiden LP	ECG Electrode Connector	Patient Monitoring & Recovery - PMR - Mansfield	Yu, Peter (MITG-PV1); Zhou, David (MITG-DZ1)
H-KN-02246J51	US	14/160798	9,408,547	20140309514	07/22/2011	08/09/2016	07/22/2031		Continuation	Active	Issued	Confiden LP	Confiden LP	ECG Electrode Connector	Patient Monitoring & Recovery - PMR - Mansfield	Yu, Peter (MITG-PV1); Zhou, David (MITG-DZ1)
H-KN-00512CA	CA	2603709	2603709		09/28/2006	09/25/2007	06/07/2016	09/25/2027	Utility	Active	Issued	Confiden LP	Confiden LP	Cable Monitoring Apparatus	Patient Monitoring & Recovery - PMR - Mansfield	Zaken, Eliot (MITG-EJ2); Meyer, Peter F. (MITG-PM10)
H-KN-00512EP	EP	14168857.2		2772188	09/28/2006	09/27/2007			Utility	Active	Published	Confiden LP	Confiden LP	Cable Monitoring Apparatus	Patient Monitoring & Recovery - PMR - Mansfield	Zaken, Eliot (MITG-EJ2); Meyer, Peter F. (MITG-PM10)
H-KN-00512EP-VI	VI	077233880.7		897336853	09/28/2006	09/27/2007			Utility	Active	Published	Confiden LP	Confiden LP	Cable Monitoring Apparatus	Patient Monitoring & Recovery - PMR - Mansfield	Zaken, Eliot (MITG-EJ2); Meyer, Peter F. (MITG-PM10)
H-KN-00512EP-FNZ	FR	077233880.7		897336853	09/28/2006	09/27/2007			Utility	Active	Published	Confiden LP	Confiden LP	Cable Monitoring Apparatus	Patient Monitoring & Recovery - PMR - Mansfield	Zaken, Eliot (MITG-EJ2); Meyer, Peter F. (MITG-PM10)
H-KN-00512EP-GBN3	GB	077233880.7		897336853	09/28/2006	09/27/2007			Utility	Active	Published	Confiden LP	Confiden LP	Cable Monitoring Apparatus	Patient Monitoring & Recovery - PMR - Mansfield	Zaken, Eliot (MITG-EJ2); Meyer, Peter F. (MITG-PM10)
H-KN-00512EP-JP	JP	2007-254792	5489398		09/28/2006	03/07/2014	09/28/2027		Utility	Active	Issued	Confiden LP	Confiden LP	Cable Monitoring Apparatus	Patient Monitoring & Recovery - PMR - Mansfield	Zaken, Eliot (MITG-EJ2); Meyer, Peter F. (MITG-PM10)
H-KN-00512EP-MX	MX	WW/4/2007/012064	283948		09/28/2006	09/28/2007	09/16/2011	09/28/2027	Utility	Active	Issued	Confiden LP	Confiden LP	Cable Monitoring Apparatus	Patient Monitoring & Recovery - PMR - Mansfield	Zaken, Eliot (MITG-EJ2); Meyer, Peter F. (MITG-PM10)
H-KN-00512J5	US	11/538914	8109883	2008008195-4	09/28/2006	09/28/2006	02/07/2012	01/24/2027	Utility	Active	Issued	Confiden LP	Confiden LP	Cable Monitoring Apparatus	Patient Monitoring & Recovery - PMR - Mansfield	Zaken, Eliot (MITG-EJ2); Meyer, Peter F. (MITG-PM10)
H-KN-00512J51	US	13/394018	8821405	20120130239	09/28/2006	01/05/2012	09/02/2014	10/10/2026	Divisional	Active	Issued	Confiden LP	Confiden LP	Cable Monitoring Apparatus	Patient Monitoring & Recovery - PMR - Mansfield	Zaken, Eliot (MITG-EJ2); Meyer, Peter F. (MITG-PM10)

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