PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT4626681

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: 35

Property Type	Number
Application Number:	14003654
Application Number:	12881245
Application Number:	14327344
Application Number:	15042520
Application Number:	15192655
Application Number:	13629925
Application Number:	13488972
Application Number:	14806159
Application Number:	15234019
Application Number:	14835092
Application Number:	13951781
Application Number:	14729748
Application Number:	14936934
Application Number:	14069433
Application Number:	14747134
Application Number:	14818387
Application Number:	14318734
Application Number:	14494993
Application Number:	14472521
Application Number:	29563231

Property Type	Number
Application Number:	14807495
Application Number:	15133566
Application Number:	29549625
Application Number:	14481377
Application Number:	29557475
Application Number:	29557478
Application Number:	14481303
Application Number:	14721190
Application Number:	14882747
Application Number:	14863654
Application Number:	15242645
Application Number:	29569278
Application Number:	14969333
Application Number:	13700361
Application Number:	14977871

CORRESPONDENCE DATA

Fax Number: (508)261-6225

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

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NAME OF SUBMITTER:	DANIEL STELTER
SIGNATURE:	/daniel stelter/
DATE SIGNED:	10/04/2017

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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PATENT
REEL: 044126 FRAME: 0832

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: 044126 FRAME: 0836

Matter #	Country	App #	Patent #	Pub #	Priority Date	App Date	Issue Date	Expiration Date	Matter Sub-Type	Status	Sub Status	Current Owner	Assignee	Title	Business Classification	Inventors
H-NS-00097DE	DE	10004638.2	602010012462.2	2255720	05/27/2009	05/03/2010	12/18/2013	05/03/2030	National Stage	Active	Issued	Covidien LP	Covidien LP	Bending instrument for an endoscope and method of producing same	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Access	ABE, Kazuhiro (MITG-KA4)
H-NS-00097FR	FR	10004638.2	2255720	2255720	05/27/2009	05/03/2010	12/18/2013	05/03/2030	National Stage	Active	Issued	Covidien LP	Covidien LP	Bending instrument for an endoscope and method of producing same	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Access	ABE, Kazuhiro (MITG-KA4)
H-NS-00097GB	GB	10004638.2	2255720	2255720	05/27/2009	05/03/2010	12/18/2013	05/03/2030	National Stage	Active	Issued	Covidien LP	Covidien LP	Bending instrument for an endoscope and method of producing same	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Access	ABE, Kazuhiro (MITG-KA4)
H-KN-01726.CNV8	CN	201610344879.0		CN106037624A	09/08/2010	09/08/2011			Divisional	Active	Published	Covidien LP	Covidien LP	CATHETER WITH IMAGING ASSEMBLY	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Access	Allyn, Robert (allynr1)
H-KN-01726AU	AU	2011299149	2011299149		09/08/2010	09/08/2011	06/19/2014	09/08/2031	National Stage	Active	Issued	Covidien LP	Covidien LP	Catheter with Imaging Assembly	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Access	Allyn, Robert (allynr1)
H-KN-01726CA	CA	2810513			09/08/2010	09/08/2011		09/08/2031	National Stage	Active	Filed	Covidien LP	Covidien LP	Catheter with Imaging Assembly	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Access	Allyn, Robert (allynr1)
H-KN-01726CA01	CA	2912238			09/08/2010	09/08/2011			Divisional	Active	Filed	Covidien LP	Covidien LP	CATHETER WITH IMAGING ASSEMBLY	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Access	Allyn, Robert (allynr1)
H-KN-01726CN	CN	201180043228.3	ZL201180043228.3	CN103228198A	09/08/2010	09/08/2011	07/06/2016	09/08/2031	National Stage	Active	Issued	Covidien LP	Covidien LP	Catheter with Imaging Assembly	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Access	Allyn, Robert (allynr1)
H-KN-01726JP	JP	2013-528290	5651782	2013-538622	09/08/2010	09/08/2011	11/21/2014	09/08/2031	National Stage	Active	Issued	Covidien LP	Covidien LP	Catheter with Imaging Assembly	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Access	Allyn, Robert (allynr1)
H-KN-01726MX01	MX	MX/a/2015/017792			09/08/2010	09/08/2011			National Stage	Active	Filed	Covidien LP	Covidien LP	Catheter with Imaging Assembly	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Access	Allyn, Robert (allynr1)
H-KN-02670AU	AU	10860/2013	348933		09/07/2012	02/21/2013	05/30/2013	02/21/2023	Design	Active	Issued	Covidien LP	Covidien LP	Display Screen With Enteral Feeding Icon	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Access	Allyn, Robert (allynr1)
H-KN-02670CA	CA	149755	149755		09/07/2012	02/13/2013	06/05/2015	02/13/2023	Design	Active	Issued	Covidien LP	Covidien LP	Display Screen With Enteral Feeding Icon	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Access	Allyn, Robert (allynr1)
H-KN-02670EM	EU	001362701	001362701-0003		09/07/2012	02/21/2013	04/26/2013	02/21/2038	Design	Active	Issued	Covidien LP	Covidien LP	Display Screen With Enteral Feeding Icon	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Access	Allyn, Robert (allynr1)
H-KN-02670EM1	EU	001362701	001362701-0004		09/07/2012	02/21/2013	04/26/2013	02/21/2038	Design	Active	Issued	Covidien LP	Covidien LP	Display Screen With Enteral Feeding Icon	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Access	Allyn, Robert (allynr1)
H-KN-02776AU	AU	10861/2013	348934		09/07/2012	02/21/2013	05/30/2013	02/21/2023	Design	Active	Issued	Covidien LP	Covidien LP	Display Screen with Annotate File Icon	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Access	Allyn, Robert (allynr1)
H-KN-02776CA	CA	149754	149754		09/07/2012	02/13/2013	06/05/2015	06/05/2025	Design	Active	Issued	Covidien LP	Covidien LP	Display Screen with Annotate File Icon	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Access	Allyn, Robert (allynr1)
H-KN-02776CADIV	CA	155126	155126		09/07/2012	02/13/2013	06/05/2015	06/05/2025	Divisional	Active	Issued	Covidien LP	Covidien LP	Display Screen with Annotate File Icon	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Access	Allyn, Robert (allynr1)
H-KN-02776EM	EU	001362701	001362701-0005		09/07/2012	02/21/2013	02/21/2013	02/21/2038	Design	Active	Issued	Covidien LP	Covidien LP	Display Screen with Annotate File Icon	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Access	Allyn, Robert (allynr1)
H-KN-02776EM1	EU	001362701	001362701-0006		09/07/2012	02/21/2013	02/21/2013	02/21/2038	Design	Active	Issued	Covidien LP	Covidien LP	Display Screen with Annotate File Icon	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Access	Allyn, Robert (allynr1)
H-KN-02776US	US	29/431448	D716841		09/07/2012	09/07/2012	11/04/2014	11/04/2028	Design	Active	Issued	Covidien LP	Covidien LP	Display Screen with Annotate File Icon	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Access	Allyn, Robert (allynr1)
H-KN-03060US02	US	14/721190		2015-0342836-A1	05/28/2014	05/26/2015			Utility	Active	Published	Covidien LP	Covidien LP	Imaging Feeding Tube with Illumination Control	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Access	Allyn, Robert (allynr1)
H-KN-02670US	US	29/431457	D717340		09/07/2012	09/07/2012	11/11/2014	11/11/2028	Design	Active	Issued	Covidien LP	Covidien LP	Display Screen With Enteral Feeding Icon	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Access	Allyn, Robert (allynr1); Phipps, Chad (MITG-CP12); Hoalt, Ryan (MITG-RH9); Meersman, Joseph (MITG-JM33); Zeevi, Josef (MITG-JZ1)
H-NS-00049US1	US	13/238459	8475828	2012-0009262-A1	10/03/2006	09/21/2011	07/02/2013	12/22/2027	Divisional	Active	Issued	Covidien LP	Covidien LP	Medical Apparatus and Method for Producing Same	Patient Monitoring & Recovery - PMR - Mansfield | Wound Care | Other Wound Care	AMANO, Kenichi (COV-PV-KA); AKAIKE, Yoshimi (MITG-YA)
H-KN-02664AU	AU	16153/2013	352951		06/17/2013	11/26/2013	12/16/2013	11/26/2023	Design	Active	Issued	Covidien LP	Covidien LP	Display Screen with a Graphical User Interface for Compliance Monitoring	Patient Monitoring & Recovery - PMR - Mansfield | Vascular Compression	Anderson, Julia Rose (MITG-JA6)
H-KN-02664EM0001	EU	001391338	001391338-0001		06/17/2013	11/27/2013	01/17/2014	11/27/2038	Design	Active	Issued	Covidien LP	Covidien LP	Display Screen with a Graphical User Interface for Compliance Monitoring	Patient Monitoring & Recovery - PMR - Mansfield | Vascular Compression	Anderson, Julia Rose (MITG-JA6)

PATENT
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Matter #	Country	App #	Patent #	Pub #	Priority Date	App Date	Issue Date	Expiration Date	Matter Sub-Type	Status	Sub Status	Current Owner	Assignee	Title	Business Classification	Inventors
H-KN-02664JP	JP	2013-29130	1506708		06/17/2013	12/05/2013	08/08/2014	08/08/2034	Design	Active	Issued	Covidien LP	Covidien LP	Display Screen with a Graphical User Interface for Compliance Monitoring	Patient Monitoring & Recovery - PMR - Mansfield | Vascular Compression	Anderson, Julia Rose (MITG-JA6)
H-KN-02664US	US	29/458140	D774057		06/17/2013	06/17/2013	12/13/2016	12/13/2030	Design	Active	Issued	Covidien LP	Covidien LP	Display Screen with a Graphical User Interface for Compliance Monitoring	Patient Monitoring & Recovery - PMR - Mansfield | Vascular Compression	Anderson, Julia Rose (MITG-JA6)
H-KN-01353US	US	12/818372	8491544	20110313369	06/18/2010	06/18/2010	07/23/2013	08/30/2031	Utility	Active	Issued	Covidien LP	Covidien LP	Proprietary Enteral Feeding Connections	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Feeding	Anderson, Kelly (MITG-KA6)
H-KN-01353US1	US	13/917694	8882725	20140150910	06/18/2010	06/14/2013	11/11/2014	06/18/2030	Continuation	Active	Issued	Covidien LP	Covidien LP	Enteral Feeding Connector	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Feeding	Anderson, Kelly (MITG-KA6)
S-8465US	US	09/934298	6712207	20030038046	08/21/2001	08/21/2001	03/30/2004	02/17/2022	Utility	Active	Issued	Covidien LP	Covidien LP	APPARATUS AND METHOD FOR UNWINDING A NEEDLE PORTION	Patient Monitoring & Recovery - PMR - Mansfield | Sharps Disposal | Other Sharps Disposal	Arendt, James (MITG-JAA); Panek, Robert (MITG-RJP1); Japuntich, John (MITG-JCJ)
S-8465US1D	US	12/332894	7877849	20090100661	08/21/2001	12/11/2008	02/01/2011	09/08/2021	Divisional	Active	Issued	Covidien LP	Covidien LP	APPARATUS AND METHOD FOR UNWINDING A NEEDLE PORTION	Patient Monitoring & Recovery - PMR - Mansfield | Sharps Disposal | Other Sharps Disposal	Arendt, James (MITG-JAA); Panek, Robert (MITG-RJP1); Japuntich, John (MITG-JCJ)
S-8465US1DC	US	12/986344	8684176	20110100850	08/21/2001	01/07/2011	04/01/2014	03/11/2022	Continuation	Active	Issued	Covidien LP	Covidien LP	Apparatus and Method for Unwinding a Needle Portion	Patient Monitoring & Recovery - PMR - Mansfield | Sharps Disposal | Other Sharps Disposal	Arendt, James (MITG-JAA); Panek, Robert (MITG-RJP1); Japuntich, John (MITG-JCJ)
S-8465US2	US	10/721388	7243792	2004-0099555-A1	08/21/2001	11/25/2003	07/17/2007	01/09/2022	Continuation	Active	Issued	Covidien LP	Covidien LP	APPARATUS AND METHOD FOR UNWINDING A NEEDLE PORTION	Patient Monitoring & Recovery - PMR - Mansfield | Sharps Disposal | Other Sharps Disposal	Arendt, James (MITG-JAA); Panek, Robert (MITG-RJP1); Japuntich, John (MITG-JCJ)
H-KN-01093AU	AU	2009217446	2009217446		09/30/2008	09/22/2009	09/13/2012	09/22/2029	Utility	Active	Issued	Covidien LP	Covidien LP	COMPRESSION DEVICE WITH WEAR AREA	Patient Monitoring & Recovery - PMR - Mansfield | Vascular Compression	Avitable, Raymond (avitar1)
H-KN-01093AUUTM	AU	2010101442	2010101442		09/30/2008	12/20/2010	01/20/2011	09/22/2017	Model	Active	Issued	Covidien LP	Covidien LP	Compression Sleeve with Wear Area	Patient Monitoring & Recovery - PMR - Mansfield | Vascular Compression	Avitable, Raymond (avitar1)
H-KN-01093EP	EP	09170466.8	2168555	2168555	09/30/2008	09/16/2009	11/11/2015	09/16/2029	Utility	Active	Issued	Covidien LP	Covidien LP	COMPRESSION DEVICE WITH WEAR AREA	Patient Monitoring & Recovery - PMR - Mansfield | Vascular Compression	Avitable, Raymond (avitar1)
H-KN-01093EP2.DEN1	DE	12174366.0	602009037885.6	EP2505178	09/30/2008	09/16/2009	04/13/2016	09/16/2029	National Stage	Active	Issued	Covidien LP	Covidien LP	Compression Device with Wear Area	Patient Monitoring & Recovery - PMR - Mansfield | Vascular Compression	Avitable, Raymond (avitar1)
H-KN-01093EP2.ESN2	ES	12174366.0	2505178	EP2505178	09/30/2008	09/16/2009	04/13/2016	09/16/2029	National Stage	Active	Issued	Covidien LP	Covidien LP	Compression Device with Wear Area	Patient Monitoring & Recovery - PMR - Mansfield | Vascular Compression	Avitable, Raymond (avitar1)
H-KN-01093EP2.FRN3	FR	12174366.0	2505178	EP2505178	09/30/2008	09/16/2009	04/13/2016	09/16/2029	National Stage	Active	Issued	Covidien LP	Covidien LP	Compression Device with Wear Area	Patient Monitoring & Recovery - PMR - Mansfield | Vascular Compression	Avitable, Raymond (avitar1)
H-KN-01093ES	ES	09170466.8	2168555		09/30/2008	09/16/2009	11/11/2015	09/16/2029	National Stage	Active	Issued	Covidien LP	Covidien LP	COMPRESSION DEVICE WITH WEAR AREA	Patient Monitoring & Recovery - PMR - Mansfield | Vascular Compression	Avitable, Raymond (avitar1)
H-KN-01093ES01	ES	09172065.6	2174634		09/30/2008	09/16/2009	04/15/2015	09/16/2029	National Stage	Active	Issued	Covidien LP	Covidien LP	Compression Device with Wear Area	Patient Monitoring & Recovery - PMR - Mansfield | Vascular Compression	Avitable, Raymond (avitar1)
H-KN-01093FR	FR	09170466.8	2168555		09/30/2008	09/16/2009	11/11/2015	09/16/2029	National Stage	Active	Issued	Covidien LP	Covidien LP	COMPRESSION DEVICE WITH WEAR AREA	Patient Monitoring & Recovery - PMR - Mansfield | Vascular Compression	Avitable, Raymond (avitar1)
H-KN-01093FR01	FR	09172065.6	2174634		09/30/2008	09/16/2009	04/15/2015	09/16/2029	National Stage	Active	Issued	Covidien LP	Covidien LP	Compression Device with Wear Area	Patient Monitoring & Recovery - PMR - Mansfield | Vascular Compression	Avitable, Raymond (avitar1)
H-KN-01093GB	GB	09170466.8	2168555		09/30/2008	09/16/2009	11/11/2015	09/16/2029	National Stage	Active	Issued	Covidien LP	Covidien LP	COMPRESSION DEVICE WITH WEAR AREA	Patient Monitoring & Recovery - PMR - Mansfield | Vascular Compression	Avitable, Raymond (avitar1)
H-KN-01093GB01	GB	09172065.6	2174634		09/30/2008	09/16/2009	04/15/2015	09/16/2029	National Stage	Active	Issued	Covidien LP	Covidien LP	Compression Device with Wear Area	Patient Monitoring & Recovery - PMR - Mansfield | Vascular Compression	Avitable, Raymond (avitar1)
H-KN-01093US	US	12/242268	8114117	20100082060	09/30/2008	09/30/2008	02/14/2012	08/29/2029	Utility	Active	Issued	Covidien LP	Covidien LP	Compression Device with Wear Area	Patient Monitoring & Recovery - PMR - Mansfield | Vascular Compression	Avitable, Raymond (avitar1)
H-KN-01093US03	US	14/855617		2016-0000638-A1	09/30/2008	09/16/2015			Continuation	Active	Published	Covidien LP	Covidien LP	Compression Device With Wear Area	Patient Monitoring & Recovery - PMR - Mansfield | Vascular Compression	Avitable, Raymond (avitar1)
H-KN-01093US1	US	13/362154	8632840	20120128883	09/30/2008	01/31/2012	01/21/2014	09/30/2028	Divisional	Active	Issued	Covidien LP	Covidien LP	Compression Device With Wear Area	Patient Monitoring & Recovery - PMR - Mansfield | Vascular Compression	Avitable, Raymond (avitar1)
H-KN-01724AU	AU	2011218719	2011218719		09/21/2010	09/01/2011	06/06/2013	09/01/2031	Utility	Active	Issued	Covidien LP	Covidien LP	Bladder Tube Connection	Patient Monitoring & Recovery - PMR - Mansfield | Vascular Compression	Avitable, Raymond (avitar1)
H-KN-01724CN	CN	201110281006.7	ZL201110281006.7	CN102440893A	09/21/2010	09/21/2011	05/28/2014	09/21/2031	Utility	Active	Issued	Covidien LP	Covidien LP	Bladder Tube Connection	Patient Monitoring & Recovery - PMR - Mansfield | Vascular Compression	Avitable, Raymond (avitar1)
H-KN-01724DE	DE	11178857.6	602011003319.0	2431018	09/21/2010	08/25/2011	10/09/2013	08/25/2031	National Stage	Active	Issued	Covidien LP	Covidien LP	Bladder Tube Connection	Patient Monitoring & Recovery - PMR - Mansfield | Vascular Compression	Avitable, Raymond (avitar1)
H-KN-01724ES	ES	11178857.6	2431018	2431018	09/21/2010	08/25/2011	10/09/2013	08/25/2031	National Stage	Active	Issued	Covidien LP	Covidien LP	Bladder Tube Connection	Patient Monitoring & Recovery - PMR - Mansfield | Vascular Compression	Avitable, Raymond (avitar1)
H-KN-01724FR	FR	11178857.6	2431018	2431018	09/21/2010	08/25/2011	10/09/2013	08/25/2031	National Stage	Active	Issued	Covidien LP	Covidien LP	Bladder Tube Connection	Patient Monitoring & Recovery - PMR - Mansfield | Vascular Compression	Avitable, Raymond (avitar1)
H-KN-01724GB	GB	11178857.6	2431018	2431018	09/21/2010	08/25/2011	10/09/2013	08/25/2031	National Stage	Active	Issued	Covidien LP	Covidien LP	Bladder Tube Connection	Patient Monitoring & Recovery - PMR - Mansfield | Vascular Compression	Avitable, Raymond (avitar1)
H-KN-01724IT	IT	11178857.6	2431018	2431018	09/21/2010	08/25/2011	10/09/2013	08/25/2031	National Stage	Active	Issued	Covidien LP	Covidien LP	Bladder Tube Connection	Patient Monitoring & Recovery - PMR - Mansfield | Vascular Compression	Avitable, Raymond (avitar1)
H-KN-01724JP	JP	2011-205070	5197821	2012-66080	09/21/2010	09/20/2011	02/15/2013	09/20/2031	Utility	Active	Issued	Covidien LP	Covidien LP	Bladder Tube Connection	Patient Monitoring & Recovery - PMR - Mansfield | Vascular Compression	Avitable, Raymond (avitar1)
H-KN-01724US	US	12/886864	8398572	20120071801	09/21/2010	09/21/2010	03/19/2013	01/19/2031	Utility	Active	Issued	Covidien LP	Covidien LP	Bladder Tube Connection	Patient Monitoring & Recovery - PMR - Mansfield | Vascular Compression	Avitable, Raymond (avitar1)
H-KN-01006AU	AU	2009217447	2009217447		09/30/2008	09/22/2009	03/01/2012	09/22/2029	Utility	Active	Issued	Covidien LP	Covidien LP	COMPRESSION DEVICE WITH REMOVABLE PORTION	Patient Monitoring & Recovery - PMR - Mansfield | Vascular Compression	Avitable, Raymond (avitar1); Dinkins, Rodney (dinkir1); Malhi, Arnaz (COV-PV-ASM); Bloom, Joshua (MITG-
H-KN-01006CN	CN	200910177631.X	ZL200910177631.X	CN101711719A	09/30/2008	09/27/2009	06/18/2014	09/27/2029	Utility	Active	Issued	Covidien LP	Covidien LP	COMPRESSION DEVICE WITH REMOVABLE PORTION	Patient Monitoring & Recovery - PMR - Mansfield | Vascular Compression	Avitable, Raymond (avitar1); Dinkins, Rodney (dinkir1); Malhi, Arnaz (COV-PV-ASM); Bloom, Joshua (MITG-

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Matter #	Country	App #	Patent #	Pub #	Priority Date	App Date	Issue Date	Expiration Date	Matter Sub-Type	Status	Sub Status	Current Owner	Assignee	Title	Business Classification	Inventors
H-KN-01006ES	ES	09170465.0	2168554		09/30/2008	09/16/2009	01/14/2015	09/16/2029	National Stage	Active	Issued	Covidien LP	Covidien LP	COMPRESSION DEVICE WITH REMOVABLE PORTION	Patient Monitoring & Recovery - PMR - Mansfield | Vascular Compression	Avitable, Raymond (avitar1); Dinkins, Rodney (dinkir1); Malhi, Amaz (COV-PV-ASM); Bloom, Joshua (MITG-
H-KN-01006FR	FR	09170465.0	2168554		09/30/2008	09/16/2009	01/14/2015	09/16/2029	National Stage	Active	Issued	Covidien LP	Covidien LP	COMPRESSION DEVICE WITH REMOVABLE PORTION	Patient Monitoring & Recovery - PMR - Mansfield | Vascular Compression	Avitable, Raymond (avitar1); Dinkins, Rodney (dinkir1); Malhi, Amaz (COV-PV-ASM); Bloom, Joshua (MITG-
H-KN-01006GB	GB	09170465.0	2168554		09/30/2008	09/16/2009	01/14/2015	09/16/2029	National Stage	Active	Issued	Covidien LP	Covidien LP	COMPRESSION DEVICE WITH REMOVABLE PORTION	Patient Monitoring & Recovery - PMR - Mansfield | Vascular Compression	Avitable, Raymond (avitar1); Dinkins, Rodney (dinkir1); Malhi, Amaz (COV-PV-ASM); Bloom, Joshua (MITG-
H-KN-01006IL	IL	200974	200974		09/30/2008	09/16/2009	12/01/2015	09/16/2029	Utility	Active	Issued	Covidien LP	Covidien LP	COMPRESSION DEVICE WITH REMOVABLE PORTION	Patient Monitoring & Recovery - PMR - Mansfield | Vascular Compression	Avitable, Raymond (avitar1); Dinkins, Rodney (dinkir1); Malhi, Amaz (COV-PV-ASM); Bloom, Joshua (MITG-
H-KN-01006IT	IT	09170465.0	2168554		09/30/2008	09/16/2009	01/14/2015	09/16/2029	National Stage	Active	Issued	Covidien LP	Covidien LP	COMPRESSION DEVICE WITH REMOVABLE PORTION	Patient Monitoring & Recovery - PMR - Mansfield | Vascular Compression	Avitable, Raymond (avitar1); Dinkins, Rodney (dinkir1); Malhi, Amaz (COV-PV-ASM); Bloom, Joshua (MITG-
H-KN-01006JP	JP	2009-225609	5075173	P2010-82454A	09/30/2008	09/29/2009	08/31/2012	09/29/2029	Utility	Active	Issued	Covidien LP	Covidien LP	COMPRESSION DEVICE WITH REMOVABLE PORTION	Patient Monitoring & Recovery - PMR - Mansfield | Vascular Compression	Avitable, Raymond (avitar1); Dinkins, Rodney (dinkir1); Malhi, Amaz (COV-PV-ASM); Bloom, Joshua (MITG-
H-KN-01006US	US	12/241914	8235923	2010-0081975-A1	09/30/2008	09/30/2008	08/07/2012	05/05/2031	Utility	Active	Issued	Covidien LP	Covidien LP	Compression Device with Removable Portion	Patient Monitoring & Recovery - PMR - Mansfield | Vascular Compression	Avitable, Raymond (avitar1); Dinkins, Rodney (dinkir1); Malhi, Amaz (COV-PV-ASM); Bloom, Joshua (MITG-
H-KN-01658AU	AU	2011213815	2011213815		09/14/2010	08/22/2011	12/24/2013	08/22/2031	Utility	Active	Issued	Covidien LP	Covidien LP	Compression Sleeve with Improved Position Retention	Patient Monitoring & Recovery - PMR - Mansfield | Vascular Compression	Avitable, Raymond (avitar1); Kanter, Ross (kanter1); Brooks, Del (MITG-DB13}
H-KN-01658AUDIV	AU	2013248259	2013248259		09/14/2010	08/22/2011	02/05/2015	08/22/2031	Divisional	Active	Issued	Covidien LP	Covidien LP	Compression Sleeve with Improved Position Retention	Patient Monitoring & Recovery - PMR - Mansfield | Vascular Compression	Avitable, Raymond (avitar1); Kanter, Ross (kanter1); Brooks, Del (MITG-DB13}
H-KN-01658CN	CN	201110269952.X	ZL201110269952.X	CN102429754A	09/14/2010	09/14/2011	07/30/2014	09/14/2031	Utility	Active	Issued	Covidien LP	Covidien LP	COMPRESSION SLEEVE WITH IMPROVED POSITION RETENTION	Patient Monitoring & Recovery - PMR - Mansfield | Vascular Compression	Avitable, Raymond (avitar1); Kanter, Ross (kanter1); Brooks, Del (MITG-DB13}
H-KN-01658EP	EP	11177787.6		EP2428192	09/14/2010	08/17/2011			Utility	Active	Published	Covidien LP	Covidien LP	Compression Sleeve with Improved Position Retention	Patient Monitoring & Recovery - PMR - Mansfield | Vascular Compression	Avitable, Raymond (avitar1); Kanter, Ross (kanter1); Brooks, Del (MITG-DB13}
H-KN-01658JP	JP	2011-191116	5356475	2012-61310	09/14/2010	09/01/2011	09/06/2013	09/01/2031	Utility	Active	Issued	Covidien LP	Covidien LP	Foam Stiffener for SCD Comfort Sleeve Tear Away Codes	Patient Monitoring & Recovery - PMR - Mansfield | Vascular Compression	Avitable, Raymond (avitar1); Kanter, Ross (kanter1); Brooks, Del (MITG-DB13}
H-KN-01658JP1	JP	2013-176584		2014-449	09/14/2010	09/01/2011			Divisional	Active	Allowed	Covidien LP	Covidien LP	Foam Stiffener for SCD Comfort Sleeve Tear Away Codes	Patient Monitoring & Recovery - PMR - Mansfield | Vascular Compression	Avitable, Raymond (avitar1); Kanter, Ross (kanter1); Brooks, Del (MITG-DB13}
H-KN-01658KR	KR	10-2011-91666	10-1346497		09/14/2010	09/09/2011	12/23/2013	09/09/2031	Utility	Active	Issued	Covidien LP	Covidien LP	Foam Stiffener for SCD Comfort Sleeve Tear Away Codes	Patient Monitoring & Recovery - PMR - Mansfield | Vascular Compression	Avitable, Raymond (avitar1); Kanter, Ross (kanter1); Brooks, Del (MITG-DB13}
H-KN-01658US	US	12/881,245		US 2012-0065664 A1	09/14/2010	09/14/2010			Utility	Active	Published	Covidien LP	Covidien LP	COMPRESSION SLEEVE WITH IMPROVED POSITION RETENTION	Patient Monitoring & Recovery - PMR - Mansfield | Vascular Compression	Avitable, Raymond (avitar1); Kanter, Ross (kanter1); Brooks, Del (MITG-DB13}
H-KN-01850US	US	13/249390	9125787	20130085432	09/30/2011	09/30/2011	09/08/2015	09/04/2033	Utility	Active	Issued	Covidien LP	Covidien LP	Compression Garment Having a Foam Layer	Patient Monitoring & Recovery - PMR - Mansfield | Vascular Compression	Avitable, Raymond (avitar1); Malhi, Amaz (COV-PV-ASM}
H-NS-00006CA	CA	2564132	2564132	2564132	04/30/2004	04/26/2005	08/30/2011	04/26/2025	National Stage	Active	Issued	Covidien LP	Covidien LP	Gastrostomy Tube Extension Device	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Gastrointestinal	Baba, Yasuyuki (babay2); Nagata, Katsuki (nagatk1}
H-NS-00006US	US	11/631835	7967787	20080208208	04/30/2004	04/26/2005	06/28/2011	04/30/2024	Utility	Active	Issued	Covidien LP	Covidien LP	Gastrostomy Tube Extension Device	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Gastrointestinal	Baba, Yasuyuki (babay2); Nagata, Katsuki (nagatk1}
H-NS-00063US	US	29/278087	D558341		09/19/2006	03/19/2007	12/25/2007	12/25/2021	Design	Active	Issued	Covidien LP	Covidien LP	Two Slot Cruciform Catheter Section	Patient Monitoring & Recovery - PMR - Mansfield | Custom Product Solutions | Other CPS	Baba, Yasuyuki (babay2); SUZUKI, Nobuaki (MITG-NS6); FUJIWARA, Norifumi (MITG-NF1); ITOH, Akira (MITG-AI}
H-NS-00075US	US	29/278092	D558342		09/19/2006	03/19/2007	12/25/2007	12/25/2021	Design	Active	Issued	Covidien LP	Covidien LP	Three Slot Cruciform Catheter Section	Patient Monitoring & Recovery - PMR - Mansfield | Cardiothoracic | Other Cardiothoracic	Baba, Yasuyuki (babay2); SUZUKI, Nobuaki (MITG-NS6); FUJIWARA, Norifumi (MITG-NF1); ITOH, Akira (MITG-AI}
356732.USU2	US	15/363,427			11/30/2015	11/29/2016			Utility	Active	Filed	Covidien LP	Covidien LP	PATIENT POSITIONING SYSTEM	Patient Monitoring & Recovery - PMR - Mansfield | Monitoring & Operating Room | Positioning	Baker, Christian (bakerc21); Garstka, Erick (garste1); Kerns, Byron Wesley (MITG-BK3}
H-KN-01921IN	IN	7597/DELNP/2012		7597/DELNP/2012 A	09/01/2011	08/21/2012			National Stage	Active	Published	Covidien LP	Covidien LP	REMOTE MONITORING SYSTEMS FOR MONITORING MEDICAL DEVICES VIA WIRELESS COMMUNICATION	Patient Monitoring & Recovery - PMR - Mansfield | Technology Development	Sanker, Shawn (banker2); Gaines, Robert (gainer1); Wiesner, Joel (wiesnj1}
H-KN-01921MX	MX	MX/a/2012/010925	321367		09/01/2011	09/21/2012	06/27/2014	09/21/2032	National Stage	Active	Issued	Covidien LP	Covidien LP	REMOTE MONITORING SYSTEMS FOR MONITORING MEDICAL DEVICES VIA WIRELESS COMMUNICATION	Patient Monitoring & Recovery - PMR - Mansfield | Technology Development	Sanker, Shawn (banker2); Gaines, Robert (gainer1); Wiesner, Joel (wiesnj1}
H-KN-01921US	US	13/037268	8684900	20120265268	09/01/2011	03/01/2011	04/08/2014	08/03/2033	Utility	Active	Issued	Covidien LP	Covidien LP	REMOTE MONITORING SYSTEMS FOR MONITORING MEDICAL DEVICES VIA WIRELESS COMMUNICATION	Patient Monitoring & Recovery - PMR - Mansfield | Technology Development	Sanker, Shawn (banker2); Gaines, Robert (gainer1); Wiesner, Joel (wiesnj1}
H-KN-01921US2	US	14/154225	8968168	20140135456	09/01/2011	01/14/2014	01/27/2015	04/30/2033	Continuation	Active	Issued	Covidien LP	Covidien LP	REMOTE MONITORING SYSTEMS FOR MONITORING MEDICAL DEVICES VIA WIRELESS COMMUNICATION	Patient Monitoring & Recovery - PMR - Mansfield | Technology Development	Sanker, Shawn (banker2); Gaines, Robert (gainer1); Wiesner, Joel (wiesnj1}
355776.WOU4	WO	PCT/US2016/056296			10/09/2015	10/10/2016		05/09/2018	Utility	Active	Filed	Covidien LP	Covidien LP	COMPRESSION GARMENT COMPLIANCE	Patient Monitoring & Recovery - PMR - Mansfield | Vascular Compression	Becker, Paul (beckep1); Denson, Jesse (densoj2}
H-KN-03103US	US								Utility	Active	Draft	Covidien LP	Covidien LP	Pneumatic Sock Compression	Patient Monitoring & Recovery - PMR - Mansfield | Vascular Compression	Becker, Paul (beckep1); Koss, Andrew (kossa1}
H-KN-01332US	US	12/569318	8469910	2011-0077564-A1	09/29/2009	09/29/2009	06/25/2013	01/03/2032	Utility	Active	Issued	Covidien LP	Covidien LP	Pneumatic Compression Garment with Noise Attenuating Means	Patient Monitoring & Recovery - PMR - Mansfield | Vascular Compression	Becker, Paul (beckep1); NARDI, Steve (MITG-SN4); Ganapathy, Premnarayan (MITG-PG5}
H-KN-01332US1	US	13/896560	9033905	20140142481	09/29/2009	05/17/2013	05/19/2015	11/21/2029	Divisional	Active	Issued	Covidien LP	Covidien LP	Pneumatic Compression Garment with Noise Attenuating Means	Patient Monitoring & Recovery - PMR - Mansfield | Vascular Compression	Becker, Paul (beckep1); NARDI, Steve (MITG-SN4); Ganapathy, Premnarayan (MITG-PG5}
S-8512CA5	CA	2702098		2702098	10/11/2005	10/10/2008		10/10/2028	National Stage	Active	Allowed	Covidien LP	Covidien LP	IV Catheter with In-Line Valve and Methods Related Thereto	Patient Monitoring & Recovery - PMR - Mansfield | Intravenous Access/Prefill | Other Intravenous Access/Prefill	Belley, Richard (MITG-RAB3}; Fiser, Richard (MITG-RLF}
S-8512CN1	CN	200680044597.3	200680044597	CN101316621A	10/11/2005	10/11/2006	01/25/2012	10/11/2026	National Stage	Active	Issued	Covidien LP	Covidien LP	IV Catheter with In-Line Valve and Methods Related Thereto	Patient Monitoring & Recovery - PMR - Mansfield | Intravenous Access/Prefill | Other Intravenous Access/Prefill	Belley, Richard (MITG-RAB3}; Fiser, Richard (MITG-RLF}
S-8512CN1DIV	CN	201110383520.1	ZL201110383520.1	102512727	10/11/2005	10/11/2006	10/30/2013	10/11/2026	National Stage	Active	Issued	Covidien LP	Covidien LP	IV Catheter with In-Line Valve and Methods Related Thereto	Patient Monitoring & Recovery - PMR - Mansfield | Intravenous Access/Prefill | Other Intravenous Access/Prefill	Belley, Richard (MITG-RAB3}; Fiser, Richard (MITG-RLF}

Matter #	Country	App #	Patent #	Pub #	Priority Date	App Date	Issue Date	Expiration Date	Matter Sub-Type	Status	Sub Status	Current Owner	Assignee	Title	Business Classification	Inventors
S-8512JP1	JP	2008-535694	4995829	2009-511193	10/11/2005	10/11/2006	05/18/2012	10/11/2026	National Stage	Active	Issued	Covidien LP	Covidien LP	IV Catheter with In-Line Valve and Methods Related Thereto	Patient Monitoring & Recovery - PMR - Mansfield | Intravenous Access/Prefill | Other Intravenous Access/Prefill	Belley, Richard (MITG-RAB3); Fiser, Richard (MITG-RLF)
S-8512JP2	JP	2008-535695	4995830	2009-511194	10/11/2005	10/11/2006	05/18/2012	10/11/2026	National Stage	Active	Issued	Covidien LP	Covidien LP	IV Catheter with In-Line Valve and Methods Related Thereto	Patient Monitoring & Recovery - PMR - Mansfield | Intravenous Access/Prefill | Other Intravenous Access/Prefill	Belley, Richard (MITG-RAB3); Fiser, Richard (MITG-RLF)
S-8512JP5	JP	2010-529084	5546457	2011-500167	10/11/2005	04/08/2010	05/23/2014	04/08/2030	National Stage	Active	Issued	Covidien LP	Covidien LP	IV Catheter with In-Line Valve and Methods Related Thereto	Patient Monitoring & Recovery - PMR - Mansfield | Intravenous Access/Prefill | Other Intravenous Access/Prefill	Belley, Richard (MITG-RAB3); Fiser, Richard (MITG-RLF)
S-8512JP7	JP	2015-125293	5933903		10/11/2005	04/08/2010	05/13/2016	04/08/2030	Divisional	Active	Issued	Covidien LP	Covidien LP	IV Catheter with In-Line Valve and Methods Related Thereto	Patient Monitoring & Recovery - PMR - Mansfield | Intravenous Access/Prefill | Other Intravenous Access/Prefill	Belley, Richard (MITG-RAB3); Fiser, Richard (MITG-RLF)
S-8512MX1	MX	MX/a/2008/004657	290513		10/11/2005	10/11/2006	09/27/2011	10/11/2026	National Stage	Active	Issued	Covidien LP	Covidien LP	IV Catheter with In-Line Valve and Methods Related Thereto	Patient Monitoring & Recovery - PMR - Mansfield | Intravenous Access/Prefill | Other Intravenous Access/Prefill	Belley, Richard (MITG-RAB3); Fiser, Richard (MITG-RLF)
S-8512MX2	MX	MX/a/2008/004655	288564		10/11/2005	10/11/2006	07/21/2011	10/11/2026	National Stage	Active	Issued	Covidien LP	Covidien LP	IV Catheter with In-Line Valve and Methods Related Thereto	Patient Monitoring & Recovery - PMR - Mansfield | Intravenous Access/Prefill | Other Intravenous Access/Prefill	Belley, Richard (MITG-RAB3); Fiser, Richard (MITG-RLF)
H-KN-00996US	US	29/305491	D621471		03/21/2008	03/21/2008	08/10/2010	08/10/2024	Design	Active	Issued	Covidien LP	Covidien LP	Blow-Molded, Seamless Pneumatic Accumulator for a Compression Device	Patient Monitoring & Recovery - PMR - Mansfield | Vascular Compression	Bock, Malcolm (MITG-MGB)
H-KN-01377.DEN2	DE	11707984.8	602011026693.4	EP2544647	03/09/2010	03/04/2011	05/18/2016	03/04/2031	National Stage	Active	Issued	Covidien LP	Covidien LP	Improved Venous Augmentation System	Patient Monitoring & Recovery - PMR - Mansfield | Vascular Compression	Bock, Malcolm (MITG-MGB)
H-KN-01377.ESN3	ES	11707984.8	2544647	EP2544647	03/09/2010	03/04/2011	05/18/2016	03/04/2031	National Stage	Active	Issued	Covidien LP	Covidien LP	Improved Venous Augmentation System	Patient Monitoring & Recovery - PMR - Mansfield | Vascular Compression	Bock, Malcolm (MITG-MGB)
H-KN-01377.FRN4	FR	11707984.8	2544647	EP2544647	03/09/2010	03/04/2011	05/18/2016	03/04/2031	National Stage	Active	Issued	Covidien LP	Covidien LP	Improved Venous Augmentation System	Patient Monitoring & Recovery - PMR - Mansfield | Vascular Compression	Bock, Malcolm (MITG-MGB)
H-KN-01377.ITN6	IT	11707984.8	2544647	EP2544647	03/09/2010	03/04/2011	05/18/2016	03/04/2031	National Stage	Active	Issued	Covidien LP	Covidien LP	Improved Venous Augmentation System	Patient Monitoring & Recovery - PMR - Mansfield | Vascular Compression	Bock, Malcolm (MITG-MGB)
H-KN-01377AU	AU	2011224619	2011224619		03/09/2010	03/04/2011	02/27/2014	03/04/2031	National Stage	Active	Issued	Covidien LP	Covidien LP	Improved Venous Augmentation System	Patient Monitoring & Recovery - PMR - Mansfield | Vascular Compression	Bock, Malcolm (MITG-MGB)
H-KN-01377AUDIV	AU	2014200720	2014200720		03/09/2010	02/11/2014	06/16/2016	03/04/2031	Divisional	Active	Issued	Covidien LP	Covidien LP	Improved Venous Augmentation System	Patient Monitoring & Recovery - PMR - Mansfield | Vascular Compression	Bock, Malcolm (MITG-MGB)
H-KN-01377CA	CA	2791628	2791628	2791628	03/09/2010	03/04/2011	06/16/2015	03/04/2031	National Stage	Active	Issued	Covidien LP	Covidien LP	Improved Venous Augmentation System	Patient Monitoring & Recovery - PMR - Mansfield | Vascular Compression	Bock, Malcolm (MITG-MGB)
H-KN-01377CN	CN	201180012781.0	ZL201180012781.0	CN102811692A	03/09/2010	03/04/2011	03/04/2015	03/04/2031	National Stage	Active	Issued	Covidien LP	Covidien LP	Improved Venous Augmentation System	Patient Monitoring & Recovery - PMR - Mansfield | Vascular Compression	Bock, Malcolm (MITG-MGB)
H-KN-01377JPDIV	JP	2014-6752	5719043	2014-97414	03/09/2010	03/04/2011	03/27/2015	03/04/2031	Divisional	Active	Issued	Covidien LP	Covidien LP	Improved Venous Augmentation System	Patient Monitoring & Recovery - PMR - Mansfield | Vascular Compression	Bock, Malcolm (MITG-MGB)
H-KN-01377KR	KR	10-2012-7023412	10-1395355		03/09/2010	03/04/2011	05/08/2014	03/04/2031	National Stage	Active	Issued	Covidien LP	Covidien LP	Improved Venous Augmentation System	Patient Monitoring & Recovery - PMR - Mansfield | Vascular Compression	Bock, Malcolm (MITG-MGB)
H-KN-01377KRDIV	KR	10-2014-7002796	10-1395362		03/09/2010	03/04/2011	05/08/2014	03/04/2031	National Stage	Active	Issued	Covidien LP	Covidien LP	Improved Venous Augmentation System	Patient Monitoring & Recovery - PMR - Mansfield | Vascular Compression	Bock, Malcolm (MITG-MGB)
1832KAU	AU	2005217424	2005217424		02/23/2004	02/23/2005	02/23/2009	02/23/2025	National Stage	Active	Issued	Covidien LP	Covidien LP	Fluid Conduit Connector Apparatus	Patient Monitoring & Recovery - PMR - Mansfield | Vascular Compression	Bock, Malcolm (MITG-MGB); Tesluk, Chris (MITG-CT6)
1832KCN	CN	200580004348.7	200580004348	CN1918422A	02/23/2004	02/23/2005	12/21/2011	02/23/2025	National Stage	Active	Issued	Covidien LP	Covidien LP	Fluid Conduit Connector Apparatus	Patient Monitoring & Recovery - PMR - Mansfield | Vascular Compression	Bock, Malcolm (MITG-MGB); Tesluk, Chris (MITG-CT6)
1832KES	ES	05713934.7	ES 2348542 T3	1718894	02/23/2004	02/23/2005	07/07/2010	02/23/2025	National Stage	Active	Issued	Covidien LP	Covidien LP	Fluid Conduit Connector Apparatus	Patient Monitoring & Recovery - PMR - Mansfield | Vascular Compression	Bock, Malcolm (MITG-MGB); Tesluk, Chris (MITG-CT6)
1832KFR	FR	05713934.7	1718894	1718894	02/23/2004	02/23/2005	07/07/2010	02/23/2025	National Stage	Active	Issued	Covidien LP	Covidien LP	Fluid Conduit Connector Apparatus	Patient Monitoring & Recovery - PMR - Mansfield | Vascular Compression	Bock, Malcolm (MITG-MGB); Tesluk, Chris (MITG-CT6)
1832KGB	GB	05713934.7	1718894	1718894	02/23/2004	02/23/2005	07/07/2010	02/23/2025	National Stage	Active	Issued	Covidien LP	Covidien LP	Fluid Conduit Connector Apparatus	Patient Monitoring & Recovery - PMR - Mansfield | Vascular Compression	Bock, Malcolm (MITG-MGB); Tesluk, Chris (MITG-CT6)
1832KIL	IL	176433	0176433		02/23/2004	02/23/2005	11/01/2011	02/23/2025	National Stage	Active	Issued	Covidien LP	Covidien LP	Fluid Connector Apparatus	Patient Monitoring & Recovery - PMR - Mansfield | Vascular Compression	Bock, Malcolm (MITG-MGB); Tesluk, Chris (MITG-CT6)
1832KIT	IT	05713934.7	28426 BE/2010	1718894	02/23/2004	02/23/2005	07/07/2010	02/23/2025	National Stage	Active	Issued	Covidien LP	Covidien LP	Fluid Conduit Connector Apparatus	Patient Monitoring & Recovery - PMR - Mansfield | Vascular Compression	Bock, Malcolm (MITG-MGB); Tesluk, Chris (MITG-CT6)
1832KJP	JP	2006-554297	4602996	P2007-522890A	02/23/2004	02/23/2005	10/08/2010	02/23/2025	National Stage	Active	Issued	Covidien LP	Covidien LP	Fluid Conduit Connector Apparatus	Patient Monitoring & Recovery - PMR - Mansfield | Vascular Compression	Bock, Malcolm (MITG-MGB); Tesluk, Chris (MITG-CT6)
1832KKR	KR	10-2006-7016842	10-0868148		02/23/2004	02/23/2005	11/04/2008	02/23/2025	National Stage	Active	Issued	Covidien LP	Covidien LP	Fluid Conduit Connector Apparatus	Patient Monitoring & Recovery - PMR - Mansfield | Vascular Compression	Bock, Malcolm (MITG-MGB); Tesluk, Chris (MITG-CT6)
1832KUS	US	10/784639	7490620	20050184264	02/23/2004	02/23/2004	02/17/2009	08/12/2024	Utility	Active	Issued	Covidien LP	Covidien LP	FLUID CONDUIT CONNECTOR APPARATUS	Patient Monitoring & Recovery - PMR - Mansfield | Vascular Compression	Bock, Malcolm (MITG-MGB); Tesluk, Chris (MITG-CT6)
1832KUS1	US	12/371837	7810519	20090146092	02/23/2004	02/16/2009	10/12/2010	02/23/2024	Continuation	Active	Issued	Covidien LP	Covidien LP	FLUID CONDUIT CONNECTOR APPARATUS	Patient Monitoring & Recovery - PMR - Mansfield | Vascular Compression	Bock, Malcolm (MITG-MGB); Tesluk, Chris (MITG-CT6)
1832KUS2	US	12/837742	8256459	20100276619	02/16/2009	07/16/2010	09/04/2012	02/23/2024	Continuation	Active	Issued	Covidien LP	Covidien LP	FLUID CONDUIT CONNECTOR APPARATUS	Patient Monitoring & Recovery - PMR - Mansfield | Vascular Compression	Bock, Malcolm (MITG-MGB); Tesluk, Chris (MITG-CT6)
1810KAU	AU	2005216924	2005216924		02/23/2004	02/23/2005	02/23/2005	02/23/2025	National Stage	Active	Issued	Covidien LP	Covidien LP	Compression Apparatus	Patient Monitoring & Recovery - PMR - Mansfield | Vascular Compression	Bock, Malcolm (MITG-MGB); Tordella, Elise (MITG-ET3); Tesluk, Chris (MITG-CT6)
1810KCN	CN	200580004347.2	ZL200580004347.2	CN1917843A	02/23/2004	02/23/2005	09/01/2010	02/23/2025	National Stage	Active	Issued	Covidien LP	Covidien LP	Compression Apparatus	Patient Monitoring & Recovery - PMR - Mansfield | Vascular Compression	Bock, Malcolm (MITG-MGB); Tordella, Elise (MITG-ET3); Tesluk, Chris (MITG-CT6)
1810KES	ES	05713935.4	ES 2346546 T3	1720504	02/23/2004	02/23/2005	05/26/2010	02/23/2025	National Stage	Active	Issued	Covidien LP	Covidien LP	Compression Apparatus	Patient Monitoring & Recovery - PMR - Mansfield | Vascular Compression	Bock, Malcolm (MITG-MGB); Tordella, Elise (MITG-ET3); Tesluk, Chris (MITG-CT6)
1810KFR	FR	05713935.4	1720504	1720504	02/23/2004	02/23/2005	05/26/2010	02/23/2025	National Stage	Active	Issued	Covidien LP	Covidien LP	Compression Apparatus	Patient Monitoring & Recovery - PMR - Mansfield | Vascular Compression	Bock, Malcolm (MITG-MGB); Tordella, Elise (MITG-ET3); Tesluk, Chris (MITG-CT6)

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REEL: 044126 FRAME: 0840

Matter #	Country	App #	Patent #	Pub #	Priority Date	App Date	Issue Date	Expiration Date	Matter Sub-Type	Status	Sub Status	Current Owner	Assignee	Title	Business Classification	Inventors
1810KGB	GB	05713935.4	1720504	1720504	02/23/2004	02/23/2005	05/26/2010	02/23/2025	National Stage	Active	Issued	Covidien LP	Covidien LP	Compression Apparatus	Patient Monitoring & Recovery - PMR - Mansfield | Vascular Compression	Bock, Malcolm (MITG-MGB); Tordella, Elise (MITG-ET3); Tesluk, Chris (MITG-CT6)
1810KIL	IL	176409	0176409		02/23/2004	02/23/2005	05/01/2012	02/23/2025	National Stage	Active	Issued	Covidien LP	Covidien LP	Compression Apparatus	Patient Monitoring & Recovery - PMR - Mansfield | Vascular Compression	Bock, Malcolm (MITG-MGB); Tordella, Elise (MITG-ET3); Tesluk, Chris (MITG-CT6)
1810KIT	IT	05713935.4	27128 BE/2010	1720504	02/23/2004	02/23/2005	05/26/2010	02/23/2025	National Stage	Active	Issued	Covidien LP	Covidien LP	Compression Apparatus	Patient Monitoring & Recovery - PMR - Mansfield | Vascular Compression	Bock, Malcolm (MITG-MGB); Tordella, Elise (MITG-ET3); Tesluk, Chris (MITG-CT6)
1810KKR	KR	10-2006-7016795	873540		02/23/2004	02/23/2005	12/04/2008	02/23/2025	National Stage	Active	Issued	Covidien LP	Covidien LP	Compression Apparatus	Patient Monitoring & Recovery - PMR - Mansfield | Vascular Compression	Bock, Malcolm (MITG-MGB); Tordella, Elise (MITG-ET3); Tesluk, Chris (MITG-CT6)
1810KKR1	KR	10-2008-7023566	10-0918718		02/23/2004	09/26/2008	09/16/2009	02/23/2025	Divisional	Active	Issued	Covidien LP	Covidien LP	Compression Apparatus	Patient Monitoring & Recovery - PMR - Mansfield | Vascular Compression	Bock, Malcolm (MITG-MGB); Tordella, Elise (MITG-ET3); Tesluk, Chris (MITG-CT6)
1810KPL	PL	05713935.4	1720504	1720504	02/23/2004	02/23/2005	05/26/2010	02/23/2025	National Stage	Active	Issued	Covidien LP	Covidien LP	Compression Apparatus	Patient Monitoring & Recovery - PMR - Mansfield | Vascular Compression	Bock, Malcolm (MITG-MGB); Tordella, Elise (MITG-ET3); Tesluk, Chris (MITG-CT6)
1810KUS	US	10/784607	7871387	20050187503	02/23/2004	02/23/2004	01/18/2011	09/16/2026	Utility	Active	Issued	Covidien LP	Covidien LP	COMPRESSION SLEEVE CONVERTIBLE IN LENGTH	Patient Monitoring & Recovery - PMR - Mansfield | Vascular Compression	Bock, Malcolm (MITG-MGB); Tordella, Elise (MITG-ET3); Tesluk, Chris (MITG-CT6)
H-KN-00542US	US	11/541358	7666369	20080080999	09/29/2006	09/29/2006	02/23/2010	02/18/2027	Utility	Active	Issued	Covidien LP	Covidien LP	SYSTEM AND METHOD FOR RECYCLING STERILANT GAS	Patient Monitoring & Recovery - PMR - Mansfield | Wound Care | Other Wound Care	Bondar, Douglas (MITG-DEB)
H-KN-00542US1	US	12/637064	8685336	20100092344	09/29/2006	12/14/2009	04/01/2014	04/03/2028	Divisional	Active	Issued	Covidien LP	Covidien LP	SYSTEM AND METHOD FOR RECYCLING STERILANT GAS	Patient Monitoring & Recovery - PMR - Mansfield | Wound Care | Other Wound Care	Bondar, Douglas (MITG-DEB)
H-KN-00542US2	US	12/637087	7910055	20100092336	09/29/2006	12/14/2009	03/22/2011	09/29/2026	Divisional	Active	Issued	Covidien LP	Covidien LP	SYSTEM AND METHOD FOR RECYCLING STERILANT GAS	Patient Monitoring & Recovery - PMR - Mansfield | Wound Care | Other Wound Care	Bondar, Douglas (MITG-DEB)
H-KN-00542US3	US	12/861040	8268238	20100313962A1	09/29/2006	08/23/2010	09/18/2012	12/25/2026	Continuation-in-Part	Active	Issued	Covidien LP	Covidien LP	SYSTEM AND METHOD FOR RECYCLING STERILANT GAS	Patient Monitoring & Recovery - PMR - Mansfield | Wound Care | Other Wound Care	Bongiovi, Michael (bongim1); Bondar, Douglas (MITG-DEB)
H-KN-02547.AUN2	AU	2015292641			07/25/2014	07/22/2015			National Stage	Active	Filed	Covidien LP	Covidien LP	Flow Control Apparatus Comprising Detection System	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Feeding	Boulanger, Jason (boulaj2); Hudson, Joseph (hudsoj8); Trelford, Lester (trelfl1)
H-KN-02547.CAN3	CA	AWAITING			07/25/2014	07/22/2015			National Stage	Active	Filed	Covidien LP	Covidien LP	Detection System for Flow Control Apparatus	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Feeding	Boulanger, Jason (boulaj2); Hudson, Joseph (hudsoj8); Trelford, Lester (trelfl1)
H-KN-02547.EPN5	EP	15744457.1			07/25/2014	07/22/2015			National Stage	Active	Filed	Covidien LP	Covidien LP	Detection System for Flow Control Apparatus	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Feeding	Boulanger, Jason (boulaj2); Hudson, Joseph (hudsoj8); Trelford, Lester (trelfl1)
H-KN-02547.JPN4	JP	2017-503824			07/25/2014	07/22/2015			National Stage	Active	Filed	Covidien LP	Covidien LP	FLOW CONTROL APPARATUS COMPRISING DETECTION SYSTEM	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Feeding	Boulanger, Jason (boulaj2); Hudson, Joseph (hudsoj8); Trelford, Lester (trelfl1)
H-KN-02547US01	US	14/806159			07/25/2014	07/22/2015			Utility	Active	Filed	Covidien LP	Covidien LP	Detection System for Flow Control Apparatus	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Feeding	Boulanger, Jason (boulaj2); Hudson, Joseph (hudsoj8); Trelford, Lester (trelfl1)
H-KN-02547WO01	WO	PCT/US2015/041510		WO/2016/014651	07/25/2014	07/22/2015		02/25/2017	Utility	Active	Published	Covidien LP	Covidien LP	Detection System for Flow Control Apparatus	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Feeding	Boulanger, Jason (boulaj2); Hudson, Joseph (hudsoj8); Trelford, Lester (trelfl1)
H-KN-00680CA	CA	2616227	2616227	2616227	01/05/2007	12/21/2007	11/27/2012	12/21/2027	Utility	Active	Issued	Covidien LP	Covidien LP	Pump Set for Administering Fluid with Secure Loading Features and Manufacture of Component Therefor	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Feeding	Boulanger, Jason (boulaj2); Swisher, David (swishd1); Meier, Kevin (MITG-KCM)
H-KN-00680US	US	11/649981	8021336	20080167617	01/05/2007	01/05/2007	09/20/2011	07/07/2029	Utility	Active	Issued	Covidien LP	Covidien LP	Pump Set for Administering Fluid with Secure Loading Features and Manufacture of Component Therefor	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Feeding	Boulanger, Jason (boulaj2); Swisher, David (swishd1); Meier, Kevin (MITG-KCM)
H-KN-00680US1	US	13/211423	8529511	20110301567	01/05/2007	08/17/2011	09/10/2013	01/05/2027	Continuation	Active	Issued	Covidien LP	Covidien LP	Pump Set with Secure Loading Features and Related Methods Therefor	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Feeding	Boulanger, Jason (boulaj2); Swisher, David (swishd1); Meier, Kevin (MITG-KCM)
H-KN-00223CA	CA	2680456	2680456	2680456	09/30/2008	09/24/2009	11/08/2016	09/24/2029	Utility	Active	Issued	Covidien LP	Covidien LP	DILUENT/MEDICATION MIXING SYRINGE ASSEMBLY	Patient Monitoring & Recovery - PMR - Mansfield | Needles & Syringes | Other Needles & Syringes	Braga, Richard (COV-PV-RB1); Chebator, Casey (MITG-CC11)
H-KN-00223CN	CN	200910221415.0	200910221415	CN101732781A	09/30/2008	09/29/2009	09/25/2013	09/29/2029	Utility	Active	Issued	Covidien LP	Covidien LP	DILUENT/MEDICATION MIXING SYRINGE ASSEMBLY	Patient Monitoring & Recovery - PMR - Mansfield | Needles & Syringes | Other Needles & Syringes	Braga, Richard (COV-PV-RB1); Chebator, Casey (MITG-CC11)
H-KN-00223DE	DE	09171803.1	60 2009 001 864.7	2168620	09/30/2008	09/30/2009	07/20/2011	09/30/2029	National Stage	Active	Issued	Covidien LP	Covidien LP	DILUENT/MEDICATION MIXING SYRINGE ASSEMBLY	Patient Monitoring & Recovery - PMR - Mansfield | Needles & Syringes | Other Needles & Syringes	Braga, Richard (COV-PV-RB1); Chebator, Casey (MITG-CC11)
H-KN-00223FR	FR	09171803.1	2168620	2168620	09/30/2008	09/30/2009	07/20/2011	09/30/2029	National Stage	Active	Issued	Covidien LP	Covidien LP	DILUENT/MEDICATION MIXING SYRINGE ASSEMBLY	Patient Monitoring & Recovery - PMR - Mansfield | Needles & Syringes | Other Needles & Syringes	Braga, Richard (COV-PV-RB1); Chebator, Casey (MITG-CC11)
H-KN-00223GB	GB	09171803.1	2168620	2168620	09/30/2008	09/30/2009	07/20/2011	09/30/2029	National Stage	Active	Issued	Covidien LP	Covidien LP	DILUENT/MEDICATION MIXING SYRINGE ASSEMBLY	Patient Monitoring & Recovery - PMR - Mansfield | Needles & Syringes | Other Needles & Syringes	Braga, Richard (COV-PV-RB1); Chebator, Casey (MITG-CC11)
H-KN-00223US1	US	12/565016	8162875	20100082013	09/30/2008	09/23/2009	04/24/2012	02/02/2030	Utility	Active	Issued	Covidien LP	Covidien LP	Diluent/Medication Mixing Syringe Assembly	Patient Monitoring & Recovery - PMR - Mansfield | Needles & Syringes | Other Needles & Syringes	Braga, Richard (COV-PV-RB1); Chebator, Casey (MITG-CC11)
H-KN-00223US2	US	13/426882	8430843	2012-0179095-A1	09/30/2008	03/22/2012	04/30/2013	09/23/2029	Continuation	Active	Issued	Covidien LP	Covidien LP	Diluent/Medication Mixing Syringe Assembly	Patient Monitoring & Recovery - PMR - Mansfield | Needles & Syringes | Other Needles & Syringes	Braga, Richard (COV-PV-RB1); Chebator, Casey (MITG-CC11)

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REEL: 044126 FRAME: 0841

Matter #	Country	App #	Patent #	Pub #	Priority Date	App Date	Issue Date	Expiration Date	Matter Sub-Type	Status	Sub Status	Current Owner	Assignee	Title	Business Classification	Inventors
H-KN-02761US	US	13/667304	9,433,339	20130303849	09/08/2010	11/02/2012	09/06/2016	11/04/2031	Continuation-in-Part	Active	Issued	Covidien LP	Covidien LP	Catheter with Imaging Assembly and Console with Reference Library and Related Methods Therefor	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Access	Branconier, Glen (brancg1); Sacchetti, Anthony (saccha1); Allyn, Robert (allynr1)
H-KN-01209AU	AU	2009298667	2009298667		09/30/2008	09/30/2009	05/08/2014	09/30/2029	National Stage	Active	Issued	Covidien LP	Covidien LP	TRANSPARENT CATHETER SECUREMENT SYSTEM	Patient Monitoring & Recovery - PMR - Mansfield | Wound Care | Other Wound Care	Brandon, William (MITG-WB3); Fiser, Richard (MITG-RLF); Fink, E. David (MITG-EF2); Hibbitt, David (MITG-DH18); Anthony, Bradley (MITG-BMA)
H-KN-01209CA	CA	2737591		2737591	09/30/2008	09/30/2009			National Stage	Active	Allowed	Covidien LP	Covidien LP	TRANSPARENT CATHETER SECUREMENT SYSTEM	Patient Monitoring & Recovery - PMR - Mansfield | Wound Care | Other Wound Care	Brandon, William (MITG-WB3); Fiser, Richard (MITG-RLF); Fink, E. David (MITG-EF2); Hibbitt, David (MITG-DH18); Anthony, Bradley (MITG-BMA)
H-KN-01209CN	CN	200980138766.3	ZL200980138766.3	CN102170930A	09/30/2008	09/30/2009	06/18/2014	09/30/2029	National Stage	Active	Issued	Covidien LP	Covidien LP	TRANSPARENT CATHETER SECUREMENT SYSTEM	Patient Monitoring & Recovery - PMR - Mansfield | Wound Care | Other Wound Care	Brandon, William (MITG-WB3); Fiser, Richard (MITG-RLF); Fink, E. David (MITG-EF2); Hibbitt, David (MITG-DH18); Anthony, Bradley (MITG-BMA)
H-KN-01209DE01	DE	09818393.2	602009034870.1		09/30/2008	09/30/2009	11/11/2015	09/30/2029	National Stage	Active	Issued	Covidien LP	Covidien LP	TRANSPARENT CATHETER SECUREMENT SYSTEM	Patient Monitoring & Recovery - PMR - Mansfield | Wound Care | Other Wound Care	Brandon, William (MITG-WB3); Fiser, Richard (MITG-RLF); Fink, E. David (MITG-EF2); Hibbitt, David (MITG-DH18); Anthony, Bradley (MITG-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	Covidien LP	Covidien LP	TRANSPARENT CATHETER SECUREMENT SYSTEM	Patient Monitoring & Recovery - PMR - Mansfield | Wound Care | Other Wound Care	Brandon, William (MITG-WB3); Fiser, Richard (MITG-RLF); Fink, E. David (MITG-EF2); Hibbitt, David (MITG-DH18); Anthony, Bradley (MITG-BMA)
H-KN-01209FR01	FR	09818393.2	2328644		09/30/2008	09/30/2009	11/11/2015	09/30/2029	National Stage	Active	Issued	Covidien LP	Covidien LP	TRANSPARENT CATHETER SECUREMENT SYSTEM	Patient Monitoring & Recovery - PMR - Mansfield | Wound Care | Other Wound Care	Brandon, William (MITG-WB3); Fiser, Richard (MITG-RLF); Fink, E. David (MITG-EF2); Hibbitt, David (MITG-DH18); Anthony, Bradley (MITG-BMA)
H-KN-01209GB01	GB	09818393.2	2328644		09/30/2008	09/30/2009	11/11/2015	09/30/2029	National Stage	Active	Issued	Covidien LP	Covidien LP	TRANSPARENT CATHETER SECUREMENT SYSTEM	Patient Monitoring & Recovery - PMR - Mansfield | Wound Care | Other Wound Care	Brandon, William (MITG-WB3); Fiser, Richard (MITG-RLF); Fink, E. David (MITG-EF2); Hibbitt, David (MITG-DH18); Anthony, Bradley (MITG-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	Covidien LP	Covidien LP	Transparent Catheter Securement System	Patient Monitoring & Recovery - PMR - Mansfield | Wound Care | Other Wound Care	Brandon, William (MITG-WB3); Fiser, Richard (MITG-RLF); Fink, E. David (MITG-EF2); Hibbitt, David (MITG-DH18); Anthony, Bradley (MITG-BMA)
H-KN-01209US2	US	13/770557	8881899	20130165864	09/30/2008	02/19/2013	11/11/2014	09/30/2029	Continuation	Active	Issued	Covidien LP	Covidien LP	Transparent Catheter Securement System	Patient Monitoring & Recovery - PMR - Mansfield | Wound Care | Other Wound Care	Brandon, William (MITG-WB3); Fiser, Richard (MITG-RLF); Fink, E. David (MITG-EF2); Hibbitt, David (MITG-DH18); Anthony, Bradley (MITG-BMA)
H-KN-00266US	US	11/179696	7850650	20070016139	07/11/2005	07/11/2005	12/14/2010	09/05/2029	Utility	Active	Issued	Covidien LP	Covidien LP	Needle Safety Shield with Reset	Patient Monitoring & Recovery - PMR - Mansfield | Diagnostic	Breitweiser, Kenneth (breitk1)
H-KN-00468US1	US	13/163955	8348894	20110251517	07/11/2005	06/20/2011	01/08/2013	10/27/2025	Continuation	Active	Issued	Covidien LP	Covidien LP	Needle Assembly Including Obturator with Safety Reset	Patient Monitoring & Recovery - PMR - Mansfield | Diagnostic	Breitweiser, Kenneth (breitk1); Swisher, David (swishd1)
H-KN-01203AU1	AU	2009296275	2009296275		09/29/2008	09/29/2009	05/15/2014	09/29/2029	National Stage	Active	Issued	Covidien LP	Covidien LP	FOLDABLE PACKAGE	Patient Monitoring & Recovery - PMR - Mansfield | Wound Care | Other Wound Care	Brinker, Benjamin (brinkb5)
H-KN-01203CA1	CA	2737588		2737588	09/29/2008	09/29/2009			National Stage	Active	Allowed-Receipt	Covidien LP	Covidien LP	FOLDABLE PACKAGE	Patient Monitoring & Recovery - PMR - Mansfield | Wound Care | Other Wound Care	Brinker, Benjamin (brinkb5)
H-KN-01203CN1	CN	200980138054.1	200980138054	CN102164559A	09/29/2008	09/29/2009	09/11/2013	09/29/2029	National Stage	Active	Issued	Covidien LP	Covidien LP	FOLDABLE PACKAGE	Patient Monitoring & Recovery - PMR - Mansfield | Wound Care | Other Wound Care	Brinker, Benjamin (brinkb5)
H-KN-01203EP1	EP	09817020.2		2328502	09/29/2008	09/29/2009			National Stage	Active	Published	Covidien LP	Covidien LP	FOLDABLE PACKAGE	Patient Monitoring & Recovery - PMR - Mansfield | Wound Care | Other Wound Care	Brinker, Benjamin (brinkb5)
H-KN-01203US1	US	12/569047	7967139	2010-0078347-A1	09/29/2008	09/29/2009	06/28/2011	09/29/2029	Utility	Active	Issued	Covidien LP	Covidien LP	Foldable Sterilizable Medical Package	Patient Monitoring & Recovery - PMR - Mansfield | Wound Care | Other Wound Care	Brinker, Benjamin (brinkb5)
H-KN-01203US2	US	13/105355	8240471	20110253573	09/29/2008	05/11/2011	08/14/2012	09/29/2029	Continuation	Active	Issued	Covidien LP	Covidien LP	Foldable Sterile Medical Package	Patient Monitoring & Recovery - PMR - Mansfield | Wound Care | Other Wound Care	Brinker, Benjamin (brinkb5)
H-KN-00900US	US	11/733084	8128584	20080245361	04/09/2007	04/09/2007	03/06/2012	03/06/2029	Utility	Active	Issued	Covidien LP	Covidien AG	Compression Device with S-Shaped Bladder	Patient Monitoring & Recovery - PMR - Mansfield | Vascular Compression	Brown, Jennie (brownj50)
H-KN-00900US1	US	13/362130	8721575	20120130293	04/09/2007	01/31/2012	05/13/2014	04/09/2027	Continuation	Active	Issued	Covidien LP	Covidien AG	Compression Device With S-Shaped Bladder	Patient Monitoring & Recovery - PMR - Mansfield | Vascular Compression	Brown, Jennie (brownj50)
H-KN-00902US	US	11/733077	8506508	20080249443	04/09/2007	04/09/2007	08/13/2013	08/25/2030	Utility	Active	Issued	Covidien LP	Covidien LP	Compression Device Having Weld Seam Moisture Transfer	Patient Monitoring & Recovery - PMR - Mansfield | Vascular Compression	Brown, Jennie (brownj50); Avitable, Raymond (avitar1)
H-KN-00902US1	US	13/858314	9,387,146	20140135669	04/09/2007	04/08/2013	07/12/2016	04/19/2029	Continuation	Active	Issued	Covidien LP	Covidien LP	Compression Device Having Weld Seam Moisture Transfer	Patient Monitoring & Recovery - PMR - Mansfield | Vascular Compression	Brown, Jennie (brownj50); Avitable, Raymond (avitar1)
H-KN-00901EM	EU	001118251	001118251-0001		10/08/2008	04/06/2009		04/06/2034	Design	Active	Issued	Covidien LP	Covidien AG	Opening in an Inflatable Member for a Pneumatic Compression Device	Patient Monitoring & Recovery - PMR - Mansfield | Vascular Compression	Brown, Jennie (brownj50); Avitable, Raymond (avitar1); Bock, Malcolm (MITG-MGB)
H-KN-00901EM1	EU	001118251	001118251-0002		10/08/2008	04/06/2009		04/06/2034	Design	Active	Issued	Covidien LP	Covidien AG	Opening in an Inflatable Member for a Pneumatic Compression Device	Patient Monitoring & Recovery - PMR - Mansfield | Vascular Compression	Brown, Jennie (brownj50); Avitable, Raymond (avitar1); Bock, Malcolm (MITG-MGB)
H-KN-00901EM2	EU	001118251	001118251-0003		10/08/2008	04/06/2009		04/06/2034	Design	Active	Issued	Covidien LP	Covidien AG	Opening in an Inflatable Member for a Pneumatic Compression Device	Patient Monitoring & Recovery - PMR - Mansfield | Vascular Compression	Brown, Jennie (brownj50); Avitable, Raymond (avitar1); Bock, Malcolm (MITG-MGB)
H-KN-00901US	US	11/733088	8016778	20080249455	04/09/2007	04/09/2007	09/13/2011	05/01/2029	Utility	Active	Issued	Covidien LP	Covidien LP	Compression Device with Improved Moisture Evaporation	Patient Monitoring & Recovery - PMR - Mansfield | Vascular Compression	Brown, Jennie (brownj50); Avitable, Raymond (avitar1); Bock, Malcolm (MITG-MGB)
H-KN-00901US2	US	12/247814	8021388	20090177222	04/07/2008	10/08/2008	09/20/2011	02/23/2028	Continuation-in-Part	Active	Issued	Covidien LP	Covidien LP	Compression Device with Improved Moisture Evaporation	Patient Monitoring & Recovery - PMR - Mansfield | Vascular Compression	Brown, Jennie (brownj50); Avitable, Raymond (avitar1); Bock, Malcolm (MITG-MGB)
H-KN-00903US	US	11/733082	8034007	20080249444	04/09/2007	04/09/2007	10/11/2011	06/16/2030	Utility	Active	Issued	Covidien LP	Covidien LP	Compression Device with Structural Support Features	Patient Monitoring & Recovery - PMR - Mansfield | Vascular Compression	Brown, Jennie (brownj50); Avitable, Raymond (avitar1); Bock, Malcolm (MITG-MGB)
H-KN-00903US1	US	12/061169	8162861	20080249441	04/09/2007	04/02/2008	04/24/2012	01/06/2030	Continuation-in-Part	Active	Issued	Covidien LP	Covidien LP	Compression Device with Strategic Weld Construction	Patient Monitoring & Recovery - PMR - Mansfield | Vascular Compression	Brown, Jennie (brownj50); Avitable, Raymond (avitar1); Bock, Malcolm (MITG-MGB)

PATENT
REEL: 044126 FRAME: 0842

Matter #	Country	App #	Patent #	Pub #	Priority Date	App Date	Issue Date	Expiration Date	Matter Sub-Type	Status	Sub Status	Current Owner	Assignee	Title	Business Classification	Inventors
H-KN-00903US2	US	13/234835	8597215	20120004583	04/09/2007	09/16/2011	12/03/2013	04/09/2027	Continuation	Active	Issued	Covidien LP	Covidien LP	Compression Device with Structural Support Features	Patient Monitoring & Recovery - PMR - Mansfield | Vascular Compression	Brown, Jennie (brownj50); Avitable, Raymond (avitar1); Bock, Malcolm (MITG-MGB)
H-KN-00903US3	US	13/423334	9114052	20120209158	04/09/2007	03/19/2012	08/25/2015	04/09/2027	Continuation	Active	Issued	Covidien LP	Covidien LP	Compression Device With Strategic Weld Construction	Patient Monitoring & Recovery - PMR - Mansfield | Vascular Compression	Brown, Jennie (brownj50); Avitable, Raymond (avitar1); Bock, Malcolm (MITG-MGB)
H-KN-00903US4	US	14/093756	9107793	20140216640	04/09/2007	12/02/2013	08/18/2015	04/09/2027	Continuation	Active	Issued	Covidien LP	Covidien LP	Compression Device with Structural Support Features	Patient Monitoring & Recovery - PMR - Mansfield | Vascular Compression	Brown, Jennie (brownj50); Avitable, Raymond (avitar1); Bock, Malcolm (MITG-MGB)
H-KN-00904MX	MX	MX/a/2008/004659	290514		04/09/2007	04/08/2008	09/27/2011	04/08/2028	Utility	Active	Issued	Covidien LP	Covidien LP	Method of Making Compression Device with Improved Evaporation	Patient Monitoring & Recovery - PMR - Mansfield | Vascular Compression	Brown, Jennie (brownj50); Avitable, Raymond (avitar1); Bock, Malcolm (MITG-MGB)
H-KN-00904US	US	11/733087	8109892	20080249449	04/09/2007	04/09/2007	02/07/2012	04/09/2027	Utility	Active	Issued	Covidien LP	Covidien LP	Method of Making Compression Device with Improved Evaporation	Patient Monitoring & Recovery - PMR - Mansfield | Vascular Compression	Brown, Jennie (brownj50); Avitable, Raymond (avitar1); Bock, Malcolm (MITG-MGB)
H-KN-00904US1	US	13/292308	8740828	20130023808	04/09/2007	11/09/2011	06/03/2014	04/09/2027	Continuation	Active	Issued	Covidien LP	Covidien LP	Compression Device with Improved Moisture Evaporation	Patient Monitoring & Recovery - PMR - Mansfield | Vascular Compression	Brown, Jennie (brownj50); Avitable, Raymond (avitar1); Bock, Malcolm (MITG-MGB)
H-KN-00905US	US	11/733101	8070699	20080249440	04/09/2007	04/09/2007	12/06/2011	07/23/2030	Utility	Active	Issued	Covidien LP	Covidien LP	Method of Making Compression Sleeve with Structural Support Features	Patient Monitoring & Recovery - PMR - Mansfield | Vascular Compression	Brown, Jennie (brownj50); Avitable, Raymond (avitar1); Bock, Malcolm (MITG-MGB)
H-KN-00905US1	US	13/294289	8622942	20120118497	04/09/2007	11/11/2011	01/07/2014	04/09/2027	Continuation	Active	Issued	Covidien LP	Covidien LP	Method of Making Compression Sleeve with Structural Support Features	Patient Monitoring & Recovery - PMR - Mansfield | Vascular Compression	Brown, Jennie (brownj50); Avitable, Raymond (avitar1); Bock, Malcolm (MITG-MGB)
H-KN-00905US2	US	13/964266	8992449	20130324895	04/09/2007	08/12/2013	03/31/2015	04/09/2027	Continuation	Active	Issued	Covidien LP	Covidien LP	Method of Making Compression Sleeve with Structural Support Features	Patient Monitoring & Recovery - PMR - Mansfield | Vascular Compression	Brown, Jennie (brownj50); Avitable, Raymond (avitar1); Bock, Malcolm (MITG-MGB)
H-KN-00899US1	US	29/325934	D608006		04/09/2007	10/08/2008	01/12/2010	01/12/2024	Continuation-in-Part	Active	Issued	Covidien LP	Covidien AG	Compression Device	Patient Monitoring & Recovery - PMR - Mansfield | Vascular Compression	Brown, Jennie (brownj50); Avitable, Raymond (avitar1); Bock, Malcolm (MITG-MGB); Rego, Jr., Richard (MITG-
H-KN-00901US3	US	29/325935	D618358		04/09/2007	10/08/2008	06/22/2010	06/22/2024	Continuation	Active	Issued	Covidien LP	Covidien LP	Opening in an Inflatable Member for a Pneumatic Compression Device	Patient Monitoring & Recovery - PMR - Mansfield | Vascular Compression	Brown, Jennie (brownj50); Avitable, Raymond (avitar1); Bock, Malcolm (MITG-MGB); Rego, Jr., Richard (MITG-
H-KN-00899US	US	11/733074	8029450	20080249442	04/09/2007	04/09/2007	10/04/2011	01/14/2030	Utility	Active	Issued	Covidien LP	Covidien AG	Breathable Compression Device	Patient Monitoring & Recovery - PMR - Mansfield | Vascular Compression	Brown, Jennie (brownj50); Bock, Malcolm (MITG-MGB)
H-KN-01716US	US								Utility	Active	Draft	Covidien LP	Covidien LP	Enhancing Compression Patterns in a Sleeve Using Foam Stiffeners	Patient Monitoring & Recovery - PMR - Mansfield | Vascular Compression	Brown, Jennie (brownj50); Bock, Malcolm (MITG-MGB); Ganapathy, Premnarayan (MITG-PGS)
H-KN-01045US1	US	12/408998	9,474,868	20090247949	03/31/2008	03/23/2009	10/25/2016	09/12/2033	Utility	Active	Issued	Covidien LP	Covidien LP	Single-Use Syringe Assembly	Patient Monitoring & Recovery - PMR - Mansfield | Intravenous Access/Prefill | Other Intravenous Access/Prefill	Buder, Christopher (buderc1); Green, Kurt (MITG-KEG)
1786KUS	US	09/027678	6053905		02/23/1998	02/23/1998	04/25/2000	02/23/2018	Utility	Active	Issued	Covidien LP	Covidien LP	SELF CONTAINED URETHRAL CATHETER ASSEMBLY WITH LUBRICATING CHAMBER	Patient Monitoring & Recovery - PMR - Mansfield | Urology | Other Urology	Burnes, Lee (COV-PV-LCB); Coelho, Jr., Donald (MITG-DAC1); Walls, James (MITG-JAW1); Daignault, Kenneth
H-KN-01726.DEN12	DE	14188483.3	2848190	EP2848190	09/08/2010	09/08/2011	11/02/2016	09/08/2031	National Stage	Active	Issued	Covidien LP	Covidien LP	Catheter with Imaging Assembly	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Access	Byrd, William (byrdw3); Allyn, Robert (allynr1); Dorsey, Michael (dorsem1); Verdon, Patrick (MITG-PV); Gianelis, Stephen (MITG-SG8); Butterfield, Andrew (MITG-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	Covidien LP	Covidien LP	Catheter with Imaging Assembly	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Access	Byrd, William (byrdw3); Allyn, Robert (allynr1); Dorsey, Michael (dorsem1); Verdon, Patrick (MITG-PV); Gianelis, Stephen (MITG-SG8); Butterfield, Andrew (MITG-AB18);
H-KN-01726.GBN14	GB	14188483.3	2848190	EP2848190	09/08/2010	09/08/2011	11/02/2016	09/08/2031	National Stage	Active	Issued	Covidien LP	Covidien LP	Catheter with Imaging Assembly	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Access	Byrd, William (byrdw3); Allyn, Robert (allynr1); Dorsey, Michael (dorsem1); Verdon, Patrick (MITG-PV); Gianelis, Stephen (MITG-SG8); Butterfield, Andrew (MITG-AB18);
H-KN-01397.USC1	US	15/135,467		US 2016-0235629 A1	09/08/2010	04/21/2016			Continuation	Active	Published	Covidien LP	Covidien LP	CATHETER WITH IMAGING ASSEMBLY	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Access	Byrd, William (byrdw3); Gaines, Robert (gainer1); Branconier, Glen (brancg1); Allyn, Robert (allynr1); Dorsey, Michael (dorsem1); Lewis, Thomas (lewist7);
H-KN-01726EP3	EP	14150399.5		EP2719323	09/08/2010	09/08/2011			Divisional	Active	Published	Covidien LP	Covidien LP	Catheter with Imaging Assembly	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Access	Byrd, William (byrdw3); Gaines, Robert (gainer1); Branconier, Glen (brancg1); Allyn, Robert (allynr1); Dorsey, Michael (dorsem1); Lewis, Thomas (lewist7);
H-KN-01726US1	US	13/228075	9,538,908	20120065469	09/08/2010	09/08/2011	01/10/2017	09/08/2031	Utility	Active	Issued	Covidien LP	Covidien LP	Catheter with Imaging Assembly	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Access	Byrd, William (byrdw3); Gaines, Robert (gainer1); Branconier, Glen (brancg1); Allyn, Robert (allynr1); Dorsey, Michael (dorsem1); Lewis, Thomas (lewist7);
H-KN-01726US3	US	14/036566		20140024893	09/08/2010	09/25/2013			Continuation	Active	Allowed	Covidien LP	Covidien LP	Feeding Tube System with Imaging Assembly and Console	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Access	Byrd, William (byrdw3); Gaines, Robert (gainer1); Branconier, Glen (brancg1); Allyn, Robert (allynr1); Dorsey, Michael (dorsem1); Lewis, Thomas (lewist7);
M-1137US	US	12/240654	8795225	20100082011	09/29/2008	09/29/2008	08/05/2014	02/27/2032	Utility	Active	Issued	Covidien LP	Covidien LP	Fluid Detection In An Enteral Feeding Set	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Feeding	Byrd, William (byrdw3); Hudson, Joseph (hudsoj8); Lewis, Thomas (lewist7)
M-1137US01	US	14/303919			09/29/2008	06/13/2014			Continuation	Active	Allowed	Covidien LP	Covidien LP	Fluid Detection in an Enteral Feeding Set	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Feeding	Byrd, William (byrdw3); Hudson, Joseph (hudsoj8); Lewis, Thomas (lewist7)
7067AU	AU	2005334794	2005334794		08/09/2004	08/08/2005	11/03/2011	08/08/2025	National Stage	Active	Issued	Covidien LP	Covidien LP	MEDICAL SKIN APPLICATOR APPARATUS	Patient Monitoring & Recovery - PMR - Mansfield | Monitoring & Operating Room | Other MORP	Cable, Frank (MITG-FAC); Fetterroll, Andy (MITG-AF8); Tauer, Mark (MITG-MT5)
7067BR	BR	PI0514190-7		1952	08/09/2004	08/08/2005			National Stage	Active	Published	Covidien LP	Covidien LP	MEDICAL SKIN APPLICATOR APPARATUS	Patient Monitoring & Recovery - PMR - Mansfield | Monitoring & Operating Room | Other MORP	Cable, Frank (MITG-FAC); Fetterroll, Andy (MITG-AF8); Tauer, Mark (MITG-MT5)
7067CA	CA	2577729	2577729	2577729	08/09/2004	08/08/2005	08/05/2014	08/08/2025	National Stage	Active	Issued	Covidien LP	Covidien LP	MEDICAL SKIN APPLICATOR APPARATUS	Patient Monitoring & Recovery - PMR - Mansfield | Monitoring & Operating Room | Other MORP	Cable, Frank (MITG-FAC); Fetterroll, Andy (MITG-AF8); Tauer, Mark (MITG-MT5)
7067CADIV	CA	2836948	2836948	2836948	08/09/2004	12/18/2013	10/27/2015	12/18/2033	National Stage	Active	Issued	Covidien LP	Covidien LP	MEDICAL SKIN APPLICATOR APPARATUS	Patient Monitoring & Recovery - PMR - Mansfield | Monitoring & Operating Room | Other MORP	Cable, Frank (MITG-FAC); Fetterroll, Andy (MITG-AF8); Tauer, Mark (MITG-MT5)
7067CN	CN	200580031792.8	ZL200580031792.8	CN101022840A	08/09/2004	08/08/2005	09/02/2010	08/08/2025	National Stage	Active	Issued	Covidien LP	Covidien LP	MEDICAL SKIN APPLICATOR APPARATUS	Patient Monitoring & Recovery - PMR - Mansfield | Monitoring & Operating Room | Other MORP	Cable, Frank (MITG-FAC); Fetterroll, Andy (MITG-AF8); Tauer, Mark (MITG-MT5)

PATENT
REEL: 044126 FRAME: 0843

Matter #	Country	App #	Patent #	Pub #	Priority Date	App Date	Issue Date	Expiration Date	Matter Sub-Type	Status	Sub Status	Current Owner	Assignee	Title	Business Classification	Inventors
7067CNDIV	CN	201010531396.4	201010531396	CN102019030A	08/09/2004	08/08/2005	08/21/2013	08/08/2025	National Stage	Active	Issued	Covidien LP	Covidien LP	MEDICAL SKIN APPLICATOR APPARATUS	Patient Monitoring & Recovery - PMR - Mansfield | Monitoring & Operating Room | Other MORP	Cable, Frank (MITG-FAC); Fetterroll, Andy (MITG-AF8); Tauer, Mark (MITG-MT5)
7067EP	EP	05784402.9		1793879	08/09/2004	08/08/2005			National Stage	Active	Published	Covidien LP	Covidien LP	MEDICAL SKIN APPLICATOR APPARATUS	Patient Monitoring & Recovery - PMR - Mansfield | Monitoring & Operating Room | Other MORP	Cable, Frank (MITG-FAC); Fetterroll, Andy (MITG-AF8); Tauer, Mark (MITG-MT5)
7067IP	IP	2007-526007	4981556	2008-506487	08/09/2004	08/08/2005	04/13/2012	08/08/2025	National Stage	Active	Issued-Awaiting Publication	Covidien LP	Covidien LP	MEDICAL SKIN APPLICATOR APPARATUS	Patient Monitoring & Recovery - PMR - Mansfield | Monitoring & Operating Room | Other MORP	Cable, Frank (MITG-FAC); Fetterroll, Andy (MITG-AF8); Tauer, Mark (MITG-MT5)
7067JPDIV	JP	2011-44520	5140744	2011-104415	08/09/2004	08/08/2005	11/22/2012	08/08/2025	Divisional	Active	Issued	Covidien LP	Covidien LP	MEDICAL SKIN APPLICATOR APPARATUS	Patient Monitoring & Recovery - PMR - Mansfield | Monitoring & Operating Room | Other MORP	Cable, Frank (MITG-FAC); Fetterroll, Andy (MITG-AF8); Tauer, Mark (MITG-MT5)
7067MX	MX	Mx/a/2007/001483	296944		08/09/2004	08/08/2005	03/09/2012	08/08/2025	National Stage	Active	Issued	Covidien LP	Covidien LP	MEDICAL SKIN APPLICATOR APPARATUS	Patient Monitoring & Recovery - PMR - Mansfield | Monitoring & Operating Room | Other MORP	Cable, Frank (MITG-FAC); Fetterroll, Andy (MITG-AF8); Tauer, Mark (MITG-MT5)
7067US3	US	11/200460	7866907	2006/0039742	08/09/2004	08/08/2005	01/11/2011	09/17/2028	Utility	Active	Issued	Covidien LP	Covidien LP	MEDICAL SKIN APPLICATOR APPARATUS	Patient Monitoring & Recovery - PMR - Mansfield | Monitoring & Operating Room | Other MORP	Cable, Frank (MITG-FAC); Fetterroll, Andy (MITG-AF8); Tauer, Mark (MITG-MT5)
7067US4	US	12/839795	8113731	20100286637	08/09/2004	07/20/2010	02/14/2012	02/10/2032	Divisional	Active	Issued	Covidien LP	Covidien LP	MEDICAL SKIN APPLICATOR APPARATUS	Patient Monitoring & Recovery - PMR - Mansfield | Monitoring & Operating Room | Other MORP	Cable, Frank (MITG-FAC); Fetterroll, Andy (MITG-AF8); Tauer, Mark (MITG-MT5)
7067US5	US	13/370335	8,348,537	20120143153	08/09/2004	02/10/2012	01/08/2013	08/08/2025	Continuation	Active	Issued	Covidien LP	Covidien LP	MEDICAL SKIN APPLICATOR APPARATUS	Patient Monitoring & Recovery - PMR - Mansfield | Monitoring & Operating Room | Other MORP	Cable, Frank (MITG-FAC); Fetterroll, Andy (MITG-AF8); Tauer, Mark (MITG-MT5)
7067US6	US	13/736718	8740488	20130123717	08/09/2004	01/08/2013	06/03/2014	08/08/2025	Continuation	Active	Issued	Covidien LP	Covidien LP	Medical Skin Applicator Apparatus	Patient Monitoring & Recovery - PMR - Mansfield | Monitoring & Operating Room | Other MORP	Cable, Frank (MITG-FAC); Fetterroll, Andy (MITG-AF8); Tauer, Mark (MITG-MT5)
H-KN-01026DE	DE	10172404.5	602010004945.0	2292203	09/02/2009	08/10/2010	02/13/2013	08/10/2030	National Stage	Active	Issued	Covidien LP	Covidien LP	Patient Positioning Apparatus	Patient Monitoring & Recovery - PMR - Mansfield | Monitoring & Operating Room | Other MORP	Callahan, Mark (MITG-MJC)
H-KN-01026FR	FR	10172404.5	2292203	2292203	09/02/2009	08/10/2010	02/13/2013	08/10/2030	National Stage	Active	Issued	Covidien LP	Covidien LP	Patient Positioning Apparatus	Patient Monitoring & Recovery - PMR - Mansfield | Monitoring & Operating Room | Other MORP	Callahan, Mark (MITG-MJC)
H-KN-01026GB	GB	10172404.5	2292203	2292203	09/02/2009	08/10/2010	02/13/2013	08/10/2030	National Stage	Active	Issued	Covidien LP	Covidien LP	Patient Positioning Apparatus	Patient Monitoring & Recovery - PMR - Mansfield | Monitoring & Operating Room | Other MORP	Callahan, Mark (MITG-MJC)
H-KN-02606.USC3	US	15/218,339			03/15/2013	07/25/2016			Continuation	Active	Filed	Covidien LP	Covidien LP	Radiolucent ECG Electrode System	Patient Monitoring & Recovery - PMR - Mansfield | Monitoring & Operating Room | Other MORP	Callahan, Mark (MITG-MJC)
H-KN-02606US02	US	29/498,717	D771818		03/15/2013	08/07/2014	11/15/2016	03/15/2033	Continuation-in-Part	Active	Issued	Covidien LP	Covidien LP	ECG ELECTRODE CONNECTOR	Patient Monitoring & Recovery - PMR - Mansfield | Monitoring & Operating Room | Other MORP	Callahan, Mark (MITG-MJC)
H-KN-02606US1	US	13/987,326	9,408,546	20140303472	03/15/2013	03/15/2013	08/09/2016	03/15/2033	Utility	Active	Issued	Covidien LP	Covidien LP	RADIOLUCENT ECG ELECTRODE SYSTEM	Patient Monitoring & Recovery - PMR - Mansfield | Monitoring & Operating Room | Other MORP	Callahan, Mark (MITG-MJC)
H-KN-03161EP01	EP	15164582.7		EP2937037	04/25/2014	04/22/2015			Utility	Active	Published	Covidien LP	Covidien LP	PHYSICAL SHIELDING FOR ECG ELECTRICAL CONNECTIONS	Patient Monitoring & Recovery - PMR - Mansfield | Monitoring & Operating Room | Other MORP	Carley, Cynthia A (carlec3); Biermann, Wayne (biermw1)
H-KN-03161US01	US	14/693926	9,461,393	20150311621-A1	04/25/2014	04/23/2015	10/04/2016	04/23/2035	Utility	Active	Issued	Covidien LP	Covidien LP	PHYSICAL SHIELDING FOR ECG ELECTRICAL CONNECTIONS	Patient Monitoring & Recovery - PMR - Mansfield | Monitoring & Operating Room | Other MORP	Carley, Cynthia A (carlec3); Biermann, Wayne (biermw1)
H-KN-01001DE	DE	08171489.1	68 2008 002 806.2-08	2075029	12/20/2007	12/12/2008	09/29/2010	12/12/2028	National Stage	Active	Issued	Covidien LP	Covidien LP	Locking Clip with Spring-Loaded Collar	Patient Monitoring & Recovery - PMR - Mansfield | Intravenous Access/Prefill | Other Intravenous Access/Prefill	Carlyon, James L. (MITG-JC23)
H-KN-01001FR	FR	08171489.1	2075029	2075029	12/20/2007	12/12/2008	09/29/2010	12/12/2028	National Stage	Active	Issued	Covidien LP	Covidien LP	Locking Clip with Spring-Loaded Collar	Patient Monitoring & Recovery - PMR - Mansfield | Intravenous Access/Prefill | Other Intravenous Access/Prefill	Carlyon, James L. (MITG-JC23)
H-KN-01001GB	GB	08171489.1	2075029	2075029	12/20/2007	12/12/2008	09/29/2010	12/12/2028	National Stage	Active	Issued	Covidien LP	Covidien LP	Locking Clip with Spring-Loaded Collar	Patient Monitoring & Recovery - PMR - Mansfield | Intravenous Access/Prefill | Other Intravenous Access/Prefill	Carlyon, James L. (MITG-JC23)
H-KN-01001IT	IT	08171489.1	2075029	2075029	12/20/2007	12/12/2008	09/29/2010	12/12/2028	National Stage	Active	Issued	Covidien LP	Covidien LP	Locking Clip with Spring-Loaded Collar	Patient Monitoring & Recovery - PMR - Mansfield | Intravenous Access/Prefill | Other Intravenous Access/Prefill	Carlyon, James L. (MITG-JC23)
H-KN-01001US1	US	12/338284	8348893	2009-0163861-A1	12/20/2007	12/18/2008	01/08/2013	11/08/2031	Utility	Active	Issued	Covidien LP	Covidien LP	Locking Clip Assembly With Spring-Loaded Collar	Patient Monitoring & Recovery - PMR - Mansfield | Intravenous Access/Prefill | Other Intravenous Access/Prefill	Carlyon, James L. (MITG-JC23)
H-KN-01064US1	US	12/412652	9,408,971	20090247961	03/31/2008	03/27/2009	08/09/2016	09/06/2031	Utility	Active	Issued	Covidien LP	Covidien LP	Self-Capping Syringe Assembly with One-Way Valve	Patient Monitoring & Recovery - PMR - Mansfield | Intravenous Access/Prefill | Other Intravenous Access/Prefill	Carlyon, James L. (MITG-JC23)
H-KN-01065US1	US	12/409133	8540682	2009-0247958-A1	03/31/2008	03/23/2009	09/24/2013	01/31/2032	Utility	Active	Issued	Covidien LP	Covidien LP	Plunger Activated Capping System	Patient Monitoring & Recovery - PMR - Mansfield | Intravenous Access/Prefill | Other Intravenous Access/Prefill	Carlyon, James L. (MITG-JC23)

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REEL: 044126 FRAME: 0844

Matter #	Country	App #	Patent #	Pub #	Priority Date	App Date	Issue Date	Expiration Date	Matter Sub-Type	Status	Sub Status	Current Owner	Assignee	Title	Business Classification	Inventors
H-KN-01090DE	DE	09163662.1	2145641	2145641	06/30/2008	06/24/2009	11/27/2013	06/24/2029	National Stage	Active	Issued	Covidien LP	Covidien LP	SAFETY DEVICE ACTUATION SYSTEM	Patient Monitoring & Recovery - PMR - Mansfield | Intravenous Access/Prefill | Other Intravenous Access/Prefill	Carlyon, James L. (MITG-JC23)
H-KN-01090FR	FR	09163662.1	2145641	2145641	06/30/2008	06/24/2009	11/27/2013	06/24/2029	National Stage	Active	Issued	Covidien LP	Covidien LP	SAFETY DEVICE ACTUATION SYSTEM	Patient Monitoring & Recovery - PMR - Mansfield | Intravenous Access/Prefill | Other Intravenous Access/Prefill	Carlyon, James L. (MITG-JC23)
H-KN-01090GB	GB	09163662.1	2145641	2145641	06/30/2008	06/24/2009	11/27/2013	06/24/2029	National Stage	Active	Issued	Covidien LP	Covidien LP	SAFETY DEVICE ACTUATION SYSTEM	Patient Monitoring & Recovery - PMR - Mansfield | Intravenous Access/Prefill | Other Intravenous Access/Prefill	Carlyon, James L. (MITG-JC23)
H-KN-01090US1	US	12/489535	8708969	2009-0326476-A1	06/30/2008	06/23/2009	04/29/2014	02/11/2033	Utility	Active	Issued	Covidien LP	Covidien LP	Safety Device Actuation System	Patient Monitoring & Recovery - PMR - Mansfield | Intravenous Access/Prefill | Other Intravenous Access/Prefill	Carlyon, James L. (MITG-JC23)
H-KN-01098US1	US	12/482916	8142403	20090326475	06/30/2008	06/11/2009	03/27/2012	06/11/2029	Utility	Active	Issued	Covidien LP	Covidien LP	Syringe Assembly with Plunger Having a Secondary Dispensing Reservoir	Patient Monitoring & Recovery - PMR - Mansfield | Intravenous Access/Prefill | Other Intravenous Access/Prefill	Carlyon, James L. (MITG-JC23)
H-KN-01098US2	US	13/424607	8506527	20120220950	06/30/2008	03/20/2012	08/13/2013	07/01/2029	Continuation	Active	Issued	Covidien LP	Covidien LP	Syringe Assembly with Plunger Having a Secondary Dispensing Reservoir	Patient Monitoring & Recovery - PMR - Mansfield | Intravenous Access/Prefill | Other Intravenous Access/Prefill	Carlyon, James L. (MITG-JC23)
H-KN-00913CN	CN	200810178527.8	ZL200810178527.8	CN101396581A	06/27/2007	06/27/2008	11/21/2012	06/27/2028	Utility	Active	Issued	Covidien LP	Covidien LP	Positive Displacement Fluid Lock Port	Patient Monitoring & Recovery - PMR - Mansfield | Intravenous Access/Prefill | Other Intravenous Access/Prefill	Chelak, Todd (COV-PV-TMC)
H-KN-00913DE	DE	08252155.0	2008684	2008684	06/27/2007	06/23/2008	04/13/2011	06/23/2028	National Stage	Active	Issued	Covidien LP	Covidien LP	Positive Displacement Fluid Lock Port	Patient Monitoring & Recovery - PMR - Mansfield | Intravenous Access/Prefill | Other Intravenous Access/Prefill	Chelak, Todd (COV-PV-TMC)
H-KN-00913ES	ES	08252155.0	2008684	2008684	06/27/2007	06/23/2008	04/13/2011	06/23/2028	National Stage	Active	Issued	Covidien LP	Covidien LP	Positive Displacement Fluid Lock Port	Patient Monitoring & Recovery - PMR - Mansfield | Intravenous Access/Prefill | Other Intravenous Access/Prefill	Chelak, Todd (COV-PV-TMC)
H-KN-00913FR	FR	08252155.0	2008684	2008684	06/27/2007	06/23/2008	04/13/2011	06/23/2028	National Stage	Active	Issued	Covidien LP	Covidien LP	Positive Displacement Fluid Lock Port	Patient Monitoring & Recovery - PMR - Mansfield | Intravenous Access/Prefill | Other Intravenous Access/Prefill	Chelak, Todd (COV-PV-TMC)
H-KN-00913GB	GB	08252155.0	2008684	2008684	06/27/2007	06/23/2008	04/13/2011	06/23/2028	National Stage	Active	Issued	Covidien LP	Covidien LP	Positive Displacement Fluid Lock Port	Patient Monitoring & Recovery - PMR - Mansfield | Intravenous Access/Prefill | Other Intravenous Access/Prefill	Chelak, Todd (COV-PV-TMC)
H-KN-00913JP	JP	2008-167852	5271614	2009-6148	06/27/2007	06/26/2008	05/17/2013	06/26/2028	Utility	Active	Issued	Covidien LP	Covidien LP	Positive Displacement Anti-Reflux Fluid Lock Port	Patient Monitoring & Recovery - PMR - Mansfield | Intravenous Access/Prefill | Other Intravenous Access/Prefill	Chelak, Todd (COV-PV-TMC)
H-KN-00913US1	US	12/141178	7896863	20090005759	06/27/2007	06/18/2008	03/01/2011	08/18/2028	Utility	Active	Issued	Covidien LP	Covidien LP	Positive Displacement Fluid Lock Port	Patient Monitoring & Recovery - PMR - Mansfield | Intravenous Access/Prefill | Other Intravenous Access/Prefill	Chelak, Todd (COV-PV-TMC)
H-KN-00913US2	US	13/028652	8795240	20110137264	06/27/2007	02/16/2011	08/05/2014	08/30/2028	Divisional	Active	Issued	Covidien LP	Covidien LP	Positive Displacement Fluid Lock Port	Patient Monitoring & Recovery - PMR - Mansfield | Intravenous Access/Prefill | Other Intravenous Access/Prefill	Chelak, Todd (COV-PV-TMC)
H-KN-00913US3	US	13/028663	8382741	2011-0137265-A1	06/27/2007	02/16/2011	02/26/2013	06/18/2028	Continuation	Active	Issued	Covidien LP	Covidien LP	Positive Displacement Fluid Lock Port	Patient Monitoring & Recovery - PMR - Mansfield | Intravenous Access/Prefill | Other Intravenous Access/Prefill	Chelak, Todd (COV-PV-TMC)
H-KN-01014DE	DE	08169625.4	602008025258.2	2067500	12/05/2007	11/21/2008	06/12/2013	11/21/2028	National Stage	Active	Issued	Covidien LP	Covidien LP	Device for Reducing Microbial Contamination	Patient Monitoring & Recovery - PMR - Mansfield | Intravenous Access/Prefill | Other Intravenous Access/Prefill	Chelak, Todd (COV-PV-TMC)
H-KN-01014ES	ES	08169625.4	2067500	2067500	12/05/2007	11/21/2008	06/12/2013	11/21/2028	National Stage	Active	Issued	Covidien LP	Covidien LP	Device for Reducing Microbial Contamination	Patient Monitoring & Recovery - PMR - Mansfield | Intravenous Access/Prefill | Other Intravenous Access/Prefill	Chelak, Todd (COV-PV-TMC)
H-KN-01014FR	FR	08169625.4	2067500	2067500	12/05/2007	11/21/2008	06/12/2013	11/21/2028	National Stage	Active	Issued	Covidien LP	Covidien LP	Device for Reducing Microbial Contamination	Patient Monitoring & Recovery - PMR - Mansfield | Intravenous Access/Prefill | Other Intravenous Access/Prefill	Chelak, Todd (COV-PV-TMC)
H-KN-01014GB	GB	08169625.4	2067500	2067500	12/05/2007	11/21/2008	06/12/2013	11/21/2028	National Stage	Active	Issued	Covidien LP	Covidien LP	Device for Reducing Microbial Contamination	Patient Monitoring & Recovery - PMR - Mansfield | Intravenous Access/Prefill | Other Intravenous Access/Prefill	Chelak, Todd (COV-PV-TMC)
H-KN-01014US1	US	12/328809	8506538	2009-0149819-A1	12/05/2007	12/05/2008	08/13/2013	10/25/2029	Utility	Active	Issued	Covidien LP	Covidien LP	Device for Reducing Microbial Contamination	Patient Monitoring & Recovery - PMR - Mansfield | Intravenous Access/Prefill | Other Intravenous Access/Prefill	Chelak, Todd (COV-PV-TMC)
H-KN-01014US2	US	13/956679		20130345645	12/05/2007	08/01/2013			Divisional	Active	Published	Covidien LP	Covidien LP	Device for Reducing Microbial Contamination	Patient Monitoring & Recovery - PMR - Mansfield | Intravenous Access/Prefill | Other Intravenous Access/Prefill	Chelak, Todd (COV-PV-TMC)
H-KN-01009US1	US	12/338358	8100885	20090163876	12/20/2007	12/18/2008	01/24/2012	08/27/2030	Utility	Active	Issued	Covidien LP	Covidien LP	Cap Assembly for Use with a Prefilled Lock Solution Syringe	Patient Monitoring & Recovery - PMR - Mansfield | Intravenous Access/Prefill | Other Intravenous Access/Prefill	Chelak, Todd (COV-PV-TMC); Chebator, Casey (MITG-CC11)
H-KN-01000US2	US	13/248868	9192327	20120022403	12/14/2007	09/29/2011	11/24/2015	05/16/2032	Continuation	Active	Issued	Covidien LP	Covidien LP	Blood Collection Device with Tube Retaining Structure	Patient Monitoring & Recovery - PMR - Mansfield | Blood Collection | Other Blood Collection	Chelak, Todd (COV-PV-TMC); Noble, Michael (MITG-MJN2)
S-8509DE1	DE	05017736.9	60042856.7-08	1607115	11/18/1999	08/11/2005	08/26/2009	11/20/2020	Divisional	Active	Issued	Covidien LP	Covidien LP	SAFETY NEEDLE AUTOSHEATH	Patient Monitoring & Recovery - PMR - Mansfield | Needles & Syringes | Other Needles & Syringes	COCKER, ROBIN (MITG-RCC); Bedford, Anthony (MITG-AJB2)

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REEL: 044126 FRAME: 0845

Matter #	Country	App #	Patent #	Pub #	Priority Date	App Date	Issue Date	Expiration Date	Matter Sub-Type	Status	Sub Status	Current Owner	Assignee	Title	Business Classification	Inventors
S-8509ES1	ES	05017736.9	1607115	1607115	11/18/1999	08/11/2005	08/26/2009	11/20/2020	Divisional	Active	Issued	Covidien LP	Covidien LP	SAFETY NEEDLE AUTOSHEATH	Patient Monitoring & Recovery - PMR - Mansfield | Needles & Syringes | Other Needles & Syringes	COCKER, ROBIN {MITG-RCC}; Bedford, Anthony {MITG-AJB2}
S-8509FR1	FR	05017736.9	1607115	1607115	11/18/1999	08/11/2005	08/26/2009	11/20/2020	Divisional	Active	Issued	Covidien LP	Covidien LP	SAFETY NEEDLE AUTOSHEATH	Patient Monitoring & Recovery - PMR - Mansfield | Needles & Syringes | Other Needles & Syringes	COCKER, ROBIN {MITG-RCC}; Bedford, Anthony {MITG-AJB2}
S-8509GB1	GB	05017736.9	1607115	1607115	11/18/1999	08/11/2005	08/26/2009	11/20/2020	Divisional	Active	Issued	Covidien LP	Covidien LP	SAFETY NEEDLE AUTOSHEATH	Patient Monitoring & Recovery - PMR - Mansfield | Needles & Syringes | Other Needles & Syringes	COCKER, ROBIN {MITG-RCC}; Bedford, Anthony {MITG-AJB2}
S-8509IE1	IE	05017736.9	1607115	1607115	11/18/1999	08/11/2005	08/26/2009	11/20/2020	Divisional	Active	Issued	Covidien LP	Covidien LP	SAFETY NEEDLE AUTOSHEATH	Patient Monitoring & Recovery - PMR - Mansfield | Needles & Syringes | Other Needles & Syringes	COCKER, ROBIN {MITG-RCC}; Bedford, Anthony {MITG-AJB2}
S-8509IT1	IT	05017736.9	1607115	1607115	11/18/1999	08/11/2005	08/26/2009	11/20/2020	Divisional	Active	Issued	Covidien LP	Covidien LP	SAFETY NEEDLE AUTOSHEATH	Patient Monitoring & Recovery - PMR - Mansfield | Needles & Syringes | Other Needles & Syringes	COCKER, ROBIN {MITG-RCC}; Bedford, Anthony {MITG-AJB2}
S-8509US	US	10/147063	7320682	20020193748A1	11/18/1999	11/20/2000	01/22/2008	11/20/2020	Utility	Active	Issued	Covidien LP	Covidien LP	SAFETY NEEDLE AUTOSHEATH	Patient Monitoring & Recovery - PMR - Mansfield | Needles & Syringes | Other Needles & Syringes	COCKER, ROBIN {MITG-RCC}; Bedford, Anthony {MITG-AJB2}
S-8510AU	AU	2003303922	2003303922		02/14/2003	11/19/2003	06/18/2010	11/19/2023	National Stage	Active	Issued	Covidien LP	Covidien LP	SAFETY DEVICE WITH TRIGGER MECHANISM	Patient Monitoring & Recovery - PMR - Mansfield | Needles & Syringes | Other Needles & Syringes	COCKER, ROBIN {MITG-RCC}; Bedford, Anthony {MITG-AJB2}
S-8510BR	BR	P10318113-8	P10318113-8	P10318113-8	02/14/2003	11/19/2003	07/07/2015	11/19/2023	National Stage	Active	Issued	Covidien LP	Covidien LP	SAFETY DEVICE WITH TRIGGER MECHANISM	Patient Monitoring & Recovery - PMR - Mansfield | Needles & Syringes | Other Needles & Syringes	COCKER, ROBIN {MITG-RCC}; Bedford, Anthony {MITG-AJB2}
S-8510CA	CA	2513696	2513696	2513696	02/14/2003	11/19/2003	06/28/2011	11/19/2023	National Stage	Active	Issued	Covidien LP	Covidien LP	SAFETY DEVICE WITH TRIGGER MECHANISM	Patient Monitoring & Recovery - PMR - Mansfield | Needles & Syringes | Other Needles & Syringes	COCKER, ROBIN {MITG-RCC}; Bedford, Anthony {MITG-AJB2}
S-8510CN	CN	200380109709.5	ZL200380109709.5	CN1747758A	02/14/2003	11/19/2003	10/28/2009	11/19/2023	National Stage	Active	Issued	Covidien LP	Covidien LP	SAFETY DEVICE WITH TRIGGER MECHANISM	Patient Monitoring & Recovery - PMR - Mansfield | Needles & Syringes | Other Needles & Syringes	COCKER, ROBIN {MITG-RCC}; Bedford, Anthony {MITG-AJB2}
S-8510DE	DE	03815842.4	1592472	1592472	02/14/2003	11/19/2003	01/24/2007	11/19/2023	National Stage	Active	Issued	Covidien LP	Covidien LP	SAFETY DEVICE WITH TRIGGER MECHANISM	Patient Monitoring & Recovery - PMR - Mansfield | Needles & Syringes | Other Needles & Syringes	COCKER, ROBIN {MITG-RCC}; Bedford, Anthony {MITG-AJB2}
S-8510ES	ES	03815842.4	1592472	1592472	02/14/2003	11/19/2003	01/24/2007	11/19/2023	National Stage	Active	Issued	Covidien LP	Covidien LP	SAFETY DEVICE WITH TRIGGER MECHANISM	Patient Monitoring & Recovery - PMR - Mansfield | Needles & Syringes | Other Needles & Syringes	COCKER, ROBIN {MITG-RCC}; Bedford, Anthony {MITG-AJB2}
S-8510FR	FR	03815842.4	1592472	1592472	02/14/2003	11/19/2003	01/24/2007	11/19/2023	National Stage	Active	Issued	Covidien LP	Covidien LP	SAFETY DEVICE WITH TRIGGER MECHANISM	Patient Monitoring & Recovery - PMR - Mansfield | Needles & Syringes | Other Needles & Syringes	COCKER, ROBIN {MITG-RCC}; Bedford, Anthony {MITG-AJB2}
S-8510GB1	GB	03815842.4	1592472	1592472	02/14/2003	11/19/2003	01/24/2007	11/19/2023	National Stage	Active	Issued	Covidien LP	Covidien LP	SAFETY DEVICE WITH TRIGGER MECHANISM	Patient Monitoring & Recovery - PMR - Mansfield | Needles & Syringes | Other Needles & Syringes	COCKER, ROBIN {MITG-RCC}; Bedford, Anthony {MITG-AJB2}
S-8510IE	IE	03815842.4	1592472	1592472	02/14/2003	11/19/2003	01/24/2007	11/19/2023	National Stage	Active	Issued	Covidien LP	Covidien LP	SAFETY DEVICE WITH TRIGGER MECHANISM	Patient Monitoring & Recovery - PMR - Mansfield | Needles & Syringes | Other Needles & Syringes	COCKER, ROBIN {MITG-RCC}; Bedford, Anthony {MITG-AJB2}
S-8510IL	IL	169024	169024		02/14/2003	11/19/2003	11/01/2011	11/19/2023	National Stage	Active	Issued	Covidien LP	Covidien LP	SAFETY DEVICE WITH TRIGGER MECHANISM	Patient Monitoring & Recovery - PMR - Mansfield | Needles & Syringes | Other Needles & Syringes	COCKER, ROBIN {MITG-RCC}; Bedford, Anthony {MITG-AJB2}
S-8510IT	IT	03815842.4	1592472	1592472	02/14/2003	11/19/2003	01/24/2007	11/19/2023	National Stage	Active	Issued	Covidien LP	Covidien LP	SAFETY DEVICE WITH TRIGGER MECHANISM	Patient Monitoring & Recovery - PMR - Mansfield | Needles & Syringes | Other Needles & Syringes	COCKER, ROBIN {MITG-RCC}; Bedford, Anthony {MITG-AJB2}
S-8510MX	MX	PA/a/2005/008442	254888		02/14/2003	11/19/2003	02/19/2008	11/19/2023	National Stage	Active	Issued	Covidien LP	Covidien LP	SAFETY DEVICE WITH TRIGGER MECHANISM	Patient Monitoring & Recovery - PMR - Mansfield | Needles & Syringes | Other Needles & Syringes	COCKER, ROBIN {MITG-RCC}; Bedford, Anthony {MITG-AJB2}
S-8510JP	JP	2004-568146	4446894	2006-513761	02/14/2003	11/19/2003	01/29/2010	11/19/2023	National Stage	Active	Issued	Covidien LP	Covidien LP	SAFETY DEVICE WITH TRIGGER MECHANISM	Patient Monitoring & Recovery - PMR - Mansfield | Needles & Syringes | Other Needles & Syringes	COCKER, ROBIN {MITG-RCC}; Bedford, Anthony {MITG-AJB2}; Gale, David {MITG-DRG}
S-8510US	US	10/716771	7300423	20040162532A1	02/14/2003	11/19/2003	11/27/2007	09/15/2024	Utility	Active	Issued	Covidien LP	Covidien LP	SAFETY DEVICE WITH TRIGGER MECHANISM	Patient Monitoring & Recovery - PMR - Mansfield | Needles & Syringes | Other Needles & Syringes	COCKER, ROBIN {MITG-RCC}; Bedford, Anthony {MITG-AJB2}; Gale, David {MITG-DRG}
S-8511EM	EU	000109418	000109418-0001		11/21/2002	11/20/2003	03/23/2004	11/20/2028	Design	Active	Issued	Covidien LP	Covidien LP	SAFETY NEEDLE AUTOHEATH DESIGN	Patient Monitoring & Recovery - PMR - Mansfield | Needles & Syringes | Other Needles & Syringes	COCKER, ROBIN {MITG-RCC}; Bedford, Anthony {MITG-AJB2}; Gale, David {MITG-DRG}
S-8511GB	GB	3034347.8	3008837		11/21/2002	11/21/2002	12/09/2002	11/21/2027	Design	Active	Issued	Covidien LP	Covidien LP	SAFETY NEEDLE AUTOHEATH DESIGN	Patient Monitoring & Recovery - PMR - Mansfield | Needles & Syringes | Other Needles & Syringes	COCKER, ROBIN {MITG-RCC}; Bedford, Anthony {MITG-AJB2}; Gale, David {MITG-DRG}
S-8510AU1	AU	2008203847	2008203847		08/22/2007	08/13/2008	10/17/2013	08/13/2028	Utility	Active	Issued	Covidien LP	Covidien LP	SAFETY DEVICE WITH TRIGGER MECHANISM	Patient Monitoring & Recovery - PMR - Mansfield | Needles & Syringes | Other Needles & Syringes	COCKER, ROBIN {MITG-RCC}; Bedford, Anthony {MITG-AJB2}; Gale, David {MITG-DRG}; Cooper, Adrian {MITG-AEC}
S-8510CA1	CA	2638515	2638515	2638515	08/22/2007	08/06/2008	01/19/2016	08/06/2028	Utility	Active	Issued	Covidien LP	Covidien LP	SAFETY DEVICE WITH TRIGGER MECHANISM	Patient Monitoring & Recovery - PMR - Mansfield | Needles & Syringes | Other Needles & Syringes	COCKER, ROBIN {MITG-RCC}; Bedford, Anthony {MITG-AJB2}; Gale, David {MITG-DRG}; Cooper, Adrian {MITG-AEC}

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Matter #	Country	App #	Patent #	Pub #	Priority Date	App Date	Issue Date	Expiration Date	Matter Sub-Type	Status	Sub Status	Current Owner	Assignee	Title	Business Classification	Inventors
S-8510EP1	EP	08162012.2		EP2027879	08/22/2007	08/07/2008			Utility	Active	Published	Covidien LP	Covidien LP	SAFETY DEVICE WITH TRIGGER MECHANISM	Patient Monitoring & Recovery - PMR - Mansfield | Needles & Syringes | Other Needles & Syringes	COCKER, ROBIN (MITG-RCC); Bedford, Anthony (MITG-AJB2); Gale, David (MITG-DRG); Cooper, Adrian (MITG-AEC)
S-8510IN1	IN	1926/DEL/2008			08/22/2007	08/14/2008			Utility	Active	Published	Covidien LP	Covidien LP	SAFETY DEVICE WITH TRIGGER MECHANISM	Patient Monitoring & Recovery - PMR - Mansfield | Needles & Syringes | Other Needles & Syringes	COCKER, ROBIN (MITG-RCC); Bedford, Anthony (MITG-AJB2); Gale, David (MITG-DRG); Cooper, Adrian (MITG-AEC)
S-8510JP1	JP	2008-211124	5448389	2009-45465	08/22/2007	08/19/2008	01/10/2014	08/19/2028	Utility	Active	Issued	Covidien LP	Covidien LP	SAFETY DEVICE WITH TRIGGER MECHANISM	Patient Monitoring & Recovery - PMR - Mansfield | Needles & Syringes | Other Needles & Syringes	COCKER, ROBIN (MITG-RCC); Bedford, Anthony (MITG-AJB2); Gale, David (MITG-DRG); Cooper, Adrian (MITG-AEC)
S-8510MX1	MX	MX/a/2008/010627	290837		08/22/2007	08/19/2008	10/07/2011	08/19/2028	Utility	Active	Issued	Covidien LP	Covidien LP	SAFETY DEVICE WITH TRIGGER MECHANISM	Patient Monitoring & Recovery - PMR - Mansfield | Needles & Syringes | Other Needles & Syringes	COCKER, ROBIN (MITG-RCC); Bedford, Anthony (MITG-AJB2); Gale, David (MITG-DRG); Cooper, Adrian (MITG-AEC)
S-8510US1	US	11/894848	7553296	20080051724	02/14/2003	08/22/2007	06/30/2009	11/19/2023	Continuation-in-Part	Active	Issued	Covidien LP	Covidien LP	SAFETY DEVICE WITH TRIGGER MECHANISM	Patient Monitoring & Recovery - PMR - Mansfield | Needles & Syringes | Other Needles & Syringes	COCKER, ROBIN (MITG-RCC); Bedford, Anthony (MITG-AJB2); Gale, David (MITG-DRG); Cooper, Adrian (MITG-AEC)
7062US	US	11/444926	7860546	20070282408	06/01/2006	06/01/2006	12/28/2010	02/02/2029	Utility	Active	Issued	Covidien LP	Covidien LP	Medical Electrode with Self-Lifting Tabs	Patient Monitoring & Recovery - PMR - Mansfield | Monitoring & Operating Room | Other MORP	Coggins, Scott (coggis1)
7062US1	US	12/947875	8428684	20110066021	06/01/2006	11/17/2010	04/23/2013	07/20/2026	Continuation	Active	Issued	Covidien LP	Covidien LP	Medical Electrode with Self-Lifting Tabs	Patient Monitoring & Recovery - PMR - Mansfield | Monitoring & Operating Room | Other MORP	Coggins, Scott (coggis1)
H-KN-01503MX	MX	MX/a/2015/003084			09/14/2012	09/09/2013			National Stage	Active	Filed	Covidien LP	Covidien LP	Methods And Apparatus for Wireless Electrode Having Power Conservation	Patient Monitoring & Recovery - PMR - Mansfield | Monitoring & Operating Room | Other MORP	Coggins, Scott (coggis1)
H-KN-00296.DEN1	DE	07253824.2	602007047352.7	EP1905479	09/29/2006	09/27/2007	08/10/2016	09/27/2027	National Stage	Active	Issued	Covidien LP	Covidien LP	Medical Electrode	Patient Monitoring & Recovery - PMR - Mansfield | Monitoring & Operating Room | Other MORP	Coggins, Scott (coggis1); Gadsby, Peter (MITG-PDG); Meyer, Peter F. (MITG-PM10)
H-KN-00296.FRN2	FR	07253824.2	1905579	EP1905479	09/29/2006	09/27/2007	08/10/2016	09/27/2027	National Stage	Active	Issued	Covidien LP	Covidien LP	Medical Electrode	Patient Monitoring & Recovery - PMR - Mansfield | Monitoring & Operating Room | Other MORP	Coggins, Scott (coggis1); Gadsby, Peter (MITG-PDG); Meyer, Peter F. (MITG-PM10)
H-KN-00296.GBN3	GB	07253824.2	1905579	EP1905479	09/29/2006	09/27/2007	08/10/2016	09/27/2027	National Stage	Active	Issued	Covidien LP	Covidien LP	Medical Electrode	Patient Monitoring & Recovery - PMR - Mansfield | Monitoring & Operating Room | Other MORP	Coggins, Scott (coggis1); Gadsby, Peter (MITG-PDG); Meyer, Peter F. (MITG-PM10)
H-KN-00296CA	CA	2603707		2603707	09/29/2006	09/25/2007			Utility	Active	Allowed	Covidien LP	Covidien LP	Medical Electrode	Patient Monitoring & Recovery - PMR - Mansfield | Monitoring & Operating Room | Other MORP	Coggins, Scott (coggis1); Gadsby, Peter (MITG-PDG); Meyer, Peter F. (MITG-PM10)
H-KN-00296CN	CN	200710169162.8	200710169162	CN101244311A	09/29/2006	09/29/2007	08/21/2013	09/29/2027	Utility	Active	Issued	Covidien LP	Covidien LP	Medical Electrode	Patient Monitoring & Recovery - PMR - Mansfield | Monitoring & Operating Room | Other MORP	Coggins, Scott (coggis1); Gadsby, Peter (MITG-PDG); Meyer, Peter F. (MITG-PM10)
H-KN-00296JP	JP	2007-252481	5430832	2008-86764	09/29/2006	09/27/2007	12/13/2013	09/27/2027	Utility	Active	Issued	Covidien LP	Covidien LP	Medical Electrode	Patient Monitoring & Recovery - PMR - Mansfield | Monitoring & Operating Room | Other MORP	Coggins, Scott (coggis1); Gadsby, Peter (MITG-PDG); Meyer, Peter F. (MITG-PM10)
H-KN-00296MX	MX	MX/a/2007/012154	276235		09/29/2006	10/01/2007	05/28/2010	10/01/2027	Utility	Active	Issued	Covidien LP	Covidien LP	Medical Electrode	Patient Monitoring & Recovery - PMR - Mansfield | Monitoring & Operating Room | Other MORP	Coggins, Scott (coggis1); Gadsby, Peter (MITG-PDG); Meyer, Peter F. (MITG-PM10)
H-KN-00296US	US	11/541110	7742828	20080082153	09/29/2006	09/29/2006	06/22/2010	01/15/2029	Utility	Active	Issued	Covidien LP	Covidien LP	Medical Electrode Suitable for High-Energy Stimulation	Patient Monitoring & Recovery - PMR - Mansfield | Monitoring & Operating Room | Other MORP	Coggins, Scott (coggis1); Gadsby, Peter (MITG-PDG); Meyer, Peter F. (MITG-PM10)
H-KN-01217KR1	KR	10-2013-109689	10-1516484		09/13/2012	09/12/2013	04/23/2015	09/12/2033	Utility	Active	Issued	Covidien LP	Covidien LP	Apparatus And Method For Energy Distribution in A Medical Electrode	Patient Monitoring & Recovery - PMR - Mansfield | Custom Product Solutions | Other CPS	Coggins, Scott (coggis1); Hyatt, Christopher (MITG-CJH)
H-KN-01217TW2	TW	102133268	I496607	201432245	09/13/2012	09/12/2013	07/01/2015	09/12/2033	Utility	Active	Issued - Designed	Covidien LP	Covidien LP	Medical Electrode And Method For Energy Distribution In A Medical Electrode	Patient Monitoring & Recovery - PMR - Mansfield | Custom Product Solutions | Other CPS	Coggins, Scott (coggis1); Hyatt, Christopher (MITG-CJH)
H-KN-01217US1	US	14/010880	8965534	20140073896	09/13/2012	08/27/2013	02/24/2015	08/27/2033	Continuation	Active	Issued	Covidien LP	Covidien LP	Apparatus And Method For Energy Distribution in A Medical Electrode	Patient Monitoring & Recovery - PMR - Mansfield | Custom Product Solutions | Other CPS	Coggins, Scott (coggis1); Hyatt, Christopher (MITG-CJH)
H-KN-01264US1	US	13/248500	8662347	20120193372	09/29/2010	09/29/2011	03/04/2014	01/03/2032	Utility	Active	Issued	Covidien LP	Covidien LP	Medical Electrode Dispensers	Patient Monitoring & Recovery - PMR - Mansfield | Monitoring & Operating Room | Other MORP	Coggins, Scott (coggis1); Swisher, David (swishd1); Konieczny, M.W. (MITG-MK1); Starr Ottaviano, Rachel (MITG-RS11); Middleton, Jr., David (MITG-DTM1);
H-KN-01264US2	US	14/182667	9216851	20140312050	09/29/2010	02/18/2014	12/22/2015	09/29/2031	Divisional	Active	Issued	Covidien LP	Covidien LP	Medical Electrode Dispensers	Patient Monitoring & Recovery - PMR - Mansfield | Monitoring & Operating Room | Other MORP	Coggins, Scott (coggis1); Swisher, David (swishd1); Starr Ottaviano, Rachel (MITG-RS11); Middleton, Jr., David (MITG-DTM1); Wilson, Steve (MITG-SRW); Carlson, Paul
H-KN-00039CA	CA	2653593	2653593	2653593	05/30/2006	05/18/2007	01/20/2015	05/18/2027	National Stage	Active	Issued	Covidien LP	Covidien LP	Medical Electrode Containing a Hydrophilic Polymer	Patient Monitoring & Recovery - PMR - Mansfield | Monitoring & Operating Room | Other MORP	Copp-Howland, Warren (MITG-WWC)
H-KN-00039US	US	11/442797	7761131	20070282188	05/30/2006	05/30/2006	07/20/2010	05/02/2029	Utility	Active	Issued	Covidien LP	Covidien LP	Medical Electrode Containing a Hydrophilic Polymer	Patient Monitoring & Recovery - PMR - Mansfield | Monitoring & Operating Room | Other MORP	Copp-Howland, Warren (MITG-WWC)
H-KN-00039US1	US	12/797694	8017042	20100308282	05/30/2006	06/10/2010	09/13/2011	05/30/2026	Continuation	Active	Issued	Covidien LP	Covidien LP	Medical Electrode Containing a Hydrophilic Polymer	Patient Monitoring & Recovery - PMR - Mansfield | Monitoring & Operating Room | Other MORP	Copp-Howland, Warren (MITG-WWC)

PATENT
REEL: 044126 FRAME: 0847

Matter #	Country	App #	Patent #	Pub #	Priority Date	App Date	Issue Date	Expiration Date	Matter Sub-Type	Status	Sub Status	Current Owner	Assignee	Title	Business Classification	Inventors
H-KN-00517US	US	11/528912	7869855	2008/0081978	09/28/2006	09/28/2006	01/11/2011	08/28/2029	Utility	Active	Issued	Covidien LP	Covidien LP	Medical Apparatus with Releasable Applicator	Patient Monitoring & Recovery - PMR - Mansfield | Monitoring & Operating Room | Other MORP	Copp-Howland, Warren (MITG-WWC); Meyer, Peter F. (MITG-PM10)
H-KN-01841AU	AU	2011226984	2011226984		09/30/2010	09/30/2011	06/06/2013	09/30/2031	Utility	Active	Issued	Covidien LP	Covidien LP	Wound Dressing with Advanced Fluid Handling	Patient Monitoring & Recovery - PMR - Mansfield | Wound Care | Other Wound Care	Corley, Kevin (corlek1); Vitaris, Ronald (MITG-RFV)
H-KN-01841BR	BR	PI1105847-1		2194	09/30/2010	09/30/2011			Utility	Active	Published	Covidien LP	Covidien LP	Wound Dressing with Advanced Fluid Handling	Patient Monitoring & Recovery - PMR - Mansfield | Wound Care | Other Wound Care	Corley, Kevin (corlek1); Vitaris, Ronald (MITG-RFV)
H-KN-01841CA	CA	2753086	2753086	2753086	09/30/2010	09/27/2011	09/02/2014	09/27/2031	Utility	Active	Issued	Covidien LP	Covidien LP	Wound Dressing with Advanced Fluid Handling	Patient Monitoring & Recovery - PMR - Mansfield | Wound Care | Other Wound Care	Corley, Kevin (corlek1); Vitaris, Ronald (MITG-RFV)
H-KN-01841DE01	DE	11007863.1	602011018383.4		09/30/2010	09/28/2011	08/05/2015	09/28/2031	National Stage	Active	Issued	Covidien LP	Covidien LP	Wound Dressing with Advanced Fluid Handling	Patient Monitoring & Recovery - PMR - Mansfield | Wound Care | Other Wound Care	Corley, Kevin (corlek1); Vitaris, Ronald (MITG-RFV)
H-KN-01841FR01	FR	11007863.1	2436348		09/30/2010	09/28/2011	08/05/2015	09/28/2031	National Stage	Active	Issued	Covidien LP	Covidien LP	Wound Dressing with Advanced Fluid Handling	Patient Monitoring & Recovery - PMR - Mansfield | Wound Care | Other Wound Care	Corley, Kevin (corlek1); Vitaris, Ronald (MITG-RFV)
H-KN-01841GB01	GB	11007863.1	2436348		09/30/2010	09/28/2011	08/05/2015	09/28/2031	National Stage	Active	Issued	Covidien LP	Covidien LP	Wound Dressing with Advanced Fluid Handling	Patient Monitoring & Recovery - PMR - Mansfield | Wound Care | Other Wound Care	Corley, Kevin (corlek1); Vitaris, Ronald (MITG-RFV)
H-KN-01841MX	MX	MX/a/2011/010266	333267		09/30/2010	09/29/2011	09/18/2015	09/29/2031	Utility	Active	Issued	Covidien LP	Covidien LP	Wound Dressing with Advanced Fluid Handling	Patient Monitoring & Recovery - PMR - Mansfield | Wound Care | Other Wound Care	Corley, Kevin (corlek1); Vitaris, Ronald (MITG-RFV)
H-KN-01841US	US	12/894584	9,517,164	US 2012-0083723 A1	09/30/2010	09/30/2010	12/13/2016	11/25/2031	Utility	Active	Issued	Covidien LP	Covidien LP	Wound Dressing with Advanced Fluid Handling	Patient Monitoring & Recovery - PMR - Mansfield | Wound Care | Other Wound Care	Corley, Kevin (corlek1); Vitaris, Ronald (MITG-RFV)
H-KN-00923US	US	29/280864	D569985		06/08/2007	06/08/2007	05/27/2008	05/27/2022	Design	Active	Issued	Covidien LP	Covidien LP	Foot Cuff with Tapered Body	Patient Monitoring & Recovery - PMR - Mansfield | Vascular Compression	Cote, Steven (cotes2); NARDI, Steve (MITG-SN4); Ganapathy, Premnarayan (MITG-PG5)
H-KN-00923US1	US	29/282737	D579116		07/27/2007	07/27/2007	10/21/2008	10/21/2022	Design	Active	Issued	Covidien LP	Covidien LP	Foot Cuff with Tapered Blunt End	Patient Monitoring & Recovery - PMR - Mansfield | Vascular Compression	Cote, Steven (cotes2); NARDI, Steve (MITG-SN4); Ganapathy, Premnarayan (MITG-PG5)
H-KN-00614CA	CA	2610503	2610503	2610503	11/17/2006	11/14/2007	12/31/2013	11/14/2027	Utility	Active	Issued	Covidien LP	Covidien LP	Enteral Feeding Set	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Feeding	Daly, Paul (MITG-PJD2)
H-KN-00614US	US	11/561283	7896859	20070112323	10/20/2005	11/17/2006	03/01/2011	10/07/2026	Continuation-in-Part	Active	Issued	Covidien LP	Covidien LP	Enteral Feeding Set	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Feeding	Daly, Paul (MITG-PJD2)
H-KN-00614US1	US	12/898138	8357136	20110245771	10/20/2005	10/05/2010	01/22/2013	10/20/2025	Continuation	Active	Issued	Covidien LP	Covidien LP	Enteral Feeding Set	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Feeding	Daly, Paul (MITG-PJD2)
1844.DEN3	DE	06787048.5	1904014	EP1904014	07/15/2005	07/13/2006	09/07/2016	07/13/2026	National Stage	Active	Issued	Covidien LP	Covidien LP	Wound Dressing and Methods of Making and Using the Same	Patient Monitoring & Recovery - PMR - Mansfield | Wound Care | Other Wound Care	David, Nicole (MITG-ND6); Fink, E. David (MITG-EF2); Tranchemontagne, Alain (MITG-AT3)
1844.FRN4	FR	06787048.5	1904014	EP1904014	07/15/2005	07/13/2006	09/07/2016	07/13/2026	National Stage	Active	Issued	Covidien LP	Covidien LP	Wound Dressing and Methods of Making and Using the Same	Patient Monitoring & Recovery - PMR - Mansfield | Wound Care | Other Wound Care	David, Nicole (MITG-ND6); Fink, E. David (MITG-EF2); Tranchemontagne, Alain (MITG-AT3)
1844.GBN5	GB	06787048.5	1904014	EP1904014	07/15/2005	07/13/2006	09/07/2016	07/13/2026	National Stage	Active	Issued	Covidien LP	Covidien LP	Wound Dressing and Methods of Making and Using the Same	Patient Monitoring & Recovery - PMR - Mansfield | Wound Care | Other Wound Care	David, Nicole (MITG-ND6); Fink, E. David (MITG-EF2); Tranchemontagne, Alain (MITG-AT3)
H-KN-02691AU	AU	2013313246	2013313246		09/07/2012	08/20/2013	06/02/2016	08/20/2033	National Stage	Active	Issued	Covidien LP	Covidien LP	Feeding Tube With Insufflation Device And Related Methods Therefor	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Access	Davis, Kelly (daviskl4); Branconier, Glen (brancg1); Swisher, David (swishd1); Dorsey, Michael (dorsem1); Moran, John (moranj8)
H-KN-02691CA	CA	2883678			09/07/2012	08/20/2013			National Stage	Active	Filed	Covidien LP	Covidien LP	Feeding Tube With Insufflation Device And Related Methods Therefor	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Access	Davis, Kelly (daviskl4); Branconier, Glen (brancg1); Swisher, David (swishd1); Dorsey, Michael (dorsem1); Moran, John (moranj8)
H-KN-02691CN	CN	201380053999.X		CN104736125A	09/07/2012	08/20/2013			National Stage	Active	Published	Covidien LP	Covidien LP	Feeding Tube With Insufflation Device And Related Methods Therefor	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Access	Davis, Kelly (daviskl4); Branconier, Glen (brancg1); Swisher, David (swishd1); Dorsey, Michael (dorsem1); Moran, John (moranj8)
H-KN-02691EP	EP	13756231.0		2892497	09/07/2012	08/20/2013			National Stage	Active	Published	Covidien LP	Covidien LP	Feeding Tube With Insufflation Device And Related Methods Therefor	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Access	Davis, Kelly (daviskl4); Branconier, Glen (brancg1); Swisher, David (swishd1); Dorsey, Michael (dorsem1); Moran, John (moranj8)
H-KN-02691MX	MX	MX/a/2015/002774			09/07/2012	08/20/2013			National Stage	Active	Allowed	Covidien LP	Covidien LP	Feeding Tube With Insufflation Device And Related Methods Therefor	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Access	Davis, Kelly (daviskl4); Branconier, Glen (brancg1); Swisher, David (swishd1); Dorsey, Michael (dorsem1); Moran, John (moranj8)
H-KN-02691US	US	13/606179	9,517,184	20140074014	09/07/2012	09/07/2012	12/13/2016	05/28/2034	Utility	Active	Issued	Covidien LP	Covidien LP	Feeding Tube With Insufflation Device And Related Methods Therefor	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Access	Davis, Kelly (daviskl4); Branconier, Glen (brancg1); Swisher, David (swishd1); Dorsey, Michael (dorsem1); Moran, John (moranj8)
H-KN-02698US	US	13/606185	9198835	20140073853	09/07/2012	09/07/2012	12/01/2015	08/05/2033	Utility	Active	Issued	Covidien LP	Covidien LP	Catheter With Imaging Assembly With Placement Aid And Related Methods Therefor	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Access	Davis, Kelly (daviskl4); Swisher, David (swishd1); Naminy, Saeed (MITG-SN5)
H-KN-02698US01	US	14/835,092		US-2016-0045218-A1	09/07/2012	08/25/2015			Continuation	Active	Published	Covidien LP	Covidien LP	Catheter With Imaging Assembly With Placement Aid And Related Methods Therefor	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Access	Davis, Kelly (daviskl4); Swisher, David (swishd1); Naminy, Saeed (MITG-SN5)

Matter #	Country	App #	Patent #	Pub #	Priority Date	App Date	Issue Date	Expiration Date	Matter Sub-Type	Status	Sub Status	Current Owner	Assignee	Title	Business Classification	Inventors
H-KN-00212DE	DE	07253204.7	602007025830.8	1894585	08/21/2006	08/15/2007	10/03/2012	08/15/2027	National Stage	Active	Issued	Covidien LP	Covidien LP	Adjustable Aspiration Device and Method of Making	Patient Monitoring & Recovery - PMR - Mansfield | Monitoring & Operating Room | Other MORP	DeFazio, Perry (MITG-PD4); Guitarini, Mark (MITG-MG3); Callahan, Mark (MITG-MJC)
H-KN-00212ES	ES	07253204.7	1894585	1894585	08/21/2006	08/15/2007	10/03/2012	08/15/2027	National Stage	Active	Issued	Covidien LP	Covidien LP	Adjustable Aspiration Device and Method of Making	Patient Monitoring & Recovery - PMR - Mansfield | Monitoring & Operating Room | Other MORP	DeFazio, Perry (MITG-PD4); Guitarini, Mark (MITG-MG3); Callahan, Mark (MITG-MJC)
H-KN-00212FR	FR	07253204.7	1894585	1894585	08/21/2006	08/15/2007	10/03/2012	08/15/2027	National Stage	Active	Issued	Covidien LP	Covidien LP	Adjustable Aspiration Device and Method of Making	Patient Monitoring & Recovery - PMR - Mansfield | Monitoring & Operating Room | Other MORP	DeFazio, Perry (MITG-PD4); Guitarini, Mark (MITG-MG3); Callahan, Mark (MITG-MJC)
H-KN-00212GB	GB	07253204.7	1894585	1894585	08/21/2006	08/15/2007	10/03/2012	08/15/2027	National Stage	Active	Issued	Covidien LP	Covidien LP	Adjustable Aspiration Device and Method of Making	Patient Monitoring & Recovery - PMR - Mansfield | Monitoring & Operating Room | Other MORP	DeFazio, Perry (MITG-PD4); Guitarini, Mark (MITG-MG3); Callahan, Mark (MITG-MJC)
H-KN-00212JP	JP	2007-213168	5188121	2008-49162	08/21/2006	08/17/2007	02/01/2013	08/17/2027	Utility	Active	Issued	Covidien LP	Covidien LP	Adjustable Aspiration Device and Method of Making	Patient Monitoring & Recovery - PMR - Mansfield | Monitoring & Operating Room | Other MORP	DeFazio, Perry (MITG-PD4); Guitarini, Mark (MITG-MG3); Callahan, Mark (MITG-MJC)
H-KN-01290.DEN1	DE	10005485.7	2258334	EP2258334	06/04/2009	05/27/2010	10/12/2016	05/27/2030	National Stage	Active	Issued	Covidien LP	Covidien LP	GASTROSTOMY FEEDING APPARATUS AND METHOD	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Access	Deighan, Ciara (MITG-CD6); Daly, Paul (MITG-PJD2); Fitzgerald, Alan (MITG-AF7)
H-KN-01290.FRN2	FR	10005485.7	2258334	EP2258334	06/04/2009	05/27/2010	10/12/2016	05/27/2030	National Stage	Active	Issued	Covidien LP	Covidien LP	GASTROSTOMY FEEDING APPARATUS AND METHOD	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Access	Deighan, Ciara (MITG-CD6); Daly, Paul (MITG-PJD2); Fitzgerald, Alan (MITG-AF7)
H-KN-01290.GBN3	GB	10005485.7	2258334	EP2258334	06/04/2009	05/27/2010	10/12/2016	05/27/2030	National Stage	Active	Issued	Covidien LP	Covidien LP	GASTROSTOMY FEEDING APPARATUS AND METHOD	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Access	Deighan, Ciara (MITG-CD6); Daly, Paul (MITG-PJD2); Fitzgerald, Alan (MITG-AF7)
H-KN-01290CA	CA	2705177	2705177	2705177	06/04/2009	05/26/2010	12/16/2014	05/26/2030	Utility	Active	Issued	Covidien LP	Covidien LP	GASTROSTOMY FEEDING APPARATUS AND METHOD	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Access	Deighan, Ciara (MITG-CD6); Daly, Paul (MITG-PJD2); Fitzgerald, Alan (MITG-AF7)
H-KN-01290US	US	12/478334	8951232	20100312192	06/04/2009	06/04/2009	02/10/2015	06/04/2029	Utility	Active	Issued	Covidien LP	Covidien LP	Gastrostomy Feeding Apparatus and Method	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Access	Deighan, Ciara (MITG-CD6); Daly, Paul (MITG-PJD2); Fitzgerald, Alan (MITG-AF7)
H-KN-01372DE01	DE	11000771.3	60 2011 022 371.2	EP2481351	02/01/2011	02/01/2011	01/06/2016	02/01/2031	National Stage	Active	Issued	Covidien LP	Covidien LP	Measuring Device For Measuring A Physiological Parameter Of An Aspirate	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Access	Deighan, Ciara (MITG-CD6); Daly, Paul (MITG-PJD2); Fitzgerald, Alan (MITG-AF7)
H-KN-01372FR01	FR	11000771.3	2481351	EP2481351	02/01/2011	02/01/2011	01/06/2016	02/01/2031	National Stage	Active	Issued	Covidien LP	Covidien LP	Measuring Device For Measuring A Physiological Parameter Of An Aspirate	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Access	Deighan, Ciara (MITG-CD6); Daly, Paul (MITG-PJD2); Fitzgerald, Alan (MITG-AF7)
H-KN-01372GB01	GB	11000771.3	2481351	EP2481351	02/01/2011	02/01/2011	01/06/2016	02/01/2031	National Stage	Active	Issued	Covidien LP	Covidien LP	Measuring Device For Measuring A Physiological Parameter Of An Aspirate	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Access	Deighan, Ciara (MITG-CD6); Daly, Paul (MITG-PJD2); Fitzgerald, Alan (MITG-AF7)
H-KN-01372US	US	13/363968	9241655	20120208285	02/01/2011	02/01/2012	01/26/2016	12/23/2032	Utility	Active	Issued	Covidien LP	Covidien LP	Measuring Device For Measuring A Physiological Parameter Of An Aspirate	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Access	Deighan, Ciara (MITG-CD6); Daly, Paul (MITG-PJD2); Fitzgerald, Alan (MITG-AF7)
H-KN-01468AU	AU	2012225528	2012225528		03/09/2011	03/07/2012	12/18/2014	03/07/2032	National Stage	Active	Issued	Covidien LP	Covidien LP	Connector for Connecting a Syringe to a Gastronomy Tube	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Access	Deighan, Ciara (MITG-CD6); Daly, Paul (MITG-PJD2); Fitzgerald, Alan (MITG-AF7)
H-KN-01468CA	CA	2829387	2829387	2829387	03/09/2011	03/07/2012	07/07/2015	03/07/2032	National Stage	Active	Issued	Covidien LP	Covidien LP	Connector for Connecting a Syringe to a Gastronomy Tube	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Access	Deighan, Ciara (MITG-CD6); Daly, Paul (MITG-PJD2); Fitzgerald, Alan (MITG-AF7)
H-KN-01468DE01	DE	11001934.6	2497525		03/09/2011	03/09/2011	06/04/2014	03/09/2031	National Stage	Active	Issued	Covidien LP	Covidien LP	Connector for Connecting a Syringe to a Gastronomy Tube	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Access	Deighan, Ciara (MITG-CD6); Daly, Paul (MITG-PJD2); Fitzgerald, Alan (MITG-AF7)
H-KN-01468EP	EP	11001934.6	2497525	2497525	03/09/2011	03/09/2011	06/04/2014	03/09/2031	Utility	Active	Issued	Covidien LP	Covidien LP	Connector for Connecting a Syringe to a Gastronomy Tube	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Access	Deighan, Ciara (MITG-CD6); Daly, Paul (MITG-PJD2); Fitzgerald, Alan (MITG-AF7)
H-KN-01468FR01	FR	11001934.6	2497525		03/09/2011	03/09/2011	06/04/2014	03/09/2031	National Stage	Active	Issued	Covidien LP	Covidien LP	Connector for Connecting a Syringe to a Gastronomy Tube	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Access	Deighan, Ciara (MITG-CD6); Daly, Paul (MITG-PJD2); Fitzgerald, Alan (MITG-AF7)
H-KN-01468GB01	GB	11001934.6	2497525		03/09/2011	03/09/2011	06/04/2014	03/09/2031	National Stage	Active	Issued	Covidien LP	Covidien LP	Connector for Connecting a Syringe to a Gastronomy Tube	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Access	Deighan, Ciara (MITG-CD6); Daly, Paul (MITG-PJD2); Fitzgerald, Alan (MITG-AF7)
H-KN-01468JP	JP	2013-557829	5663673	2014-514023	03/09/2011	03/07/2012	12/12/2014	03/07/2032	National Stage	Active	Issued	Covidien LP	Covidien LP	Connector for Connecting a Syringe to a Gastronomy Tube	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Access	Deighan, Ciara (MITG-CD6); Daly, Paul (MITG-PJD2); Fitzgerald, Alan (MITG-AF7)
H-KN-01468US	US	14/008658			03/09/2011	03/07/2012			National Stage	Active	Non-Published	Covidien LP	Covidien LP	CONNECTOR FOR CONNECTING A SYRINGE TO A GASTRONOMY TUBE AND RELATED METHODS THEREFOR	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Access	Deighan, Ciara (MITG-CD6); Daly, Paul (MITG-PJD2); Fitzgerald, Alan (MITG-AF7)
H-KN-01695US02	US	14/327344		20140317899	08/12/2010	07/09/2014			Divisional	Active	Published	Covidien LP	Covidien LP	Storing and Dispensing System for Reusable Syringe	Patient Monitoring & Recovery - PMR - Mansfield | Dental	Delnickas, Jeffrey (delnij1); Tremblay, Kathleen (trembk1); Copp-Howland, Warren (MITG-WWC);
356477.USP2	US	62/329,233			04/29/2016	04/29/2016		04/29/2017	Provisional	Active	Filed	Covidien LP	Covidien LP	DETERMINING A CONFIGURATION OF A COMPRESSION GARMENT	Patient Monitoring & Recovery - PMR - Mansfield | Vascular Compression	Denson, Jesse (densoj2)
356810.USP1	US								Provisional	Active	Draft	Covidien LP	Covidien LP	Heartbeat and Blood Pressure Detection Algorithm for Advanced Patient Monitoring in Intermittent Pneumatic	Patient Monitoring & Recovery - PMR - Mansfield | Vascular Compression	Denson, Jesse (densoj2); Keith, Laura (keithl1); Wudyka, Scott (wudyks1); Abdool, Zaheeer (MITG-ZA)
355640US02	US	14/837085		US-2016-0058654-A1	08/27/2014	08/27/2015			Utility	Active	Published	Covidien LP	Covidien LP	Compression Garment Inflation	Patient Monitoring & Recovery - PMR - Mansfield | Vascular Compression	Denson, Jesse (densoj2); Wudyka, Scott (wudyks1)

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Matter #	Country	App #	Patent #	Pub #	Priority Date	App Date	Issue Date	Expiration Date	Matter Sub-Type	Status	Sub Status	Current Owner	Assignee	Title	Business Classification	Inventors
355640WO01	WO	PCT/US2015/047070		WO 2016/033264	08/27/2014	08/27/2015		03/27/2017	Utility	Active	Published	Covidien LP	Covidien LP	Compression Garment Inflation	Patient Monitoring & Recovery - PMR - Mansfield | Vascular Compression	Denson, Jesse (densoj2); Wudyka, Scott (wudyks1)
H-KN-02833.AUN1	AU	2015284648			06/30/2014	06/19/2015			National Stage	Active	Filed	Covidien LP	Covidien LP	Compression Garment Inflation	Patient Monitoring & Recovery - PMR - Mansfield | Vascular Compression	Denson, Jesse (densoj2); Wudyka, Scott (wudyks1)
H-KN-02833.CAN2	CA	2953488			06/30/2014	06/19/2015			National Stage	Active	Filed	Covidien LP	Covidien LP	Compression Garment Inflation	Patient Monitoring & Recovery - PMR - Mansfield | Vascular Compression	Denson, Jesse (densoj2); Wudyka, Scott (wudyks1)
H-KN-02833.EPN4	EP	15736339.1			06/30/2014	06/19/2015			National Stage	Active	Filed	Covidien LP	Covidien LP	Compression Garment Inflation	Patient Monitoring & Recovery - PMR - Mansfield | Vascular Compression	Denson, Jesse (densoj2); Wudyka, Scott (wudyks1)
H-KN-02833.JPN3	JP	AWAITING			06/30/2014	06/19/2015			National Stage	Active	Filed	Covidien LP	Covidien LP	Compression Garment Inflation	Patient Monitoring & Recovery - PMR - Mansfield | Vascular Compression	Denson, Jesse (densoj2); Wudyka, Scott (wudyks1)
H-KN-02833US	US	14/318734		2015-0374571-A1	06/30/2014	06/30/2014			Utility	Active	Published	Covidien LP	Covidien LP	Compression Garment Inflation	Patient Monitoring & Recovery - PMR - Mansfield | Vascular Compression	Denson, Jesse (densoj2); Wudyka, Scott (wudyks1)
355776.US03	US	15/290,026			10/09/2015	10/11/2016			Utility	Active	Filed	Covidien LP	Covidien LP	COMPRESSION GARMENT COMPLIANCE	Patient Monitoring & Recovery - PMR - Mansfield | Vascular Compression	Denson, Jesse (densoj2); Wudyka, Scott (wudyks1); Becker, Paul (beckep3)
H-KN-00535US	US	11/533524	7618384	20080071202	09/20/2006	09/20/2006	11/17/2009	10/14/2026	Utility	Active	Issued	Covidien LP	Covidien LP	Compression Device, System and Method of Use	Patient Monitoring & Recovery - PMR - Mansfield | Vascular Compression	Denson, Jesse (densoj2); Wudyka, Scott (wudyks1); Bock, Malcolm (MITG-MGB); NARDI, Steve (MITG-SN4)
H-KN-01448.DEN2	DE	11182119.5	602011030048.2	EP2436349	09/29/2010	09/21/2011	09/07/2016	09/21/2031	National Stage	Active	Issued	Covidien LP	Covidien LP	Compression Garment Apparatus Having Baseline Pressure	Patient Monitoring & Recovery - PMR - Mansfield | Vascular Compression	Deshpande, Manish (COV-PV-MD)
H-KN-01448.FRN3	FR	11182119.5	2436349	EP2436349	09/29/2010	09/21/2011	09/07/2016	09/21/2031	National Stage	Active	Issued	Covidien LP	Covidien LP	Compression Garment Apparatus Having Baseline Pressure	Patient Monitoring & Recovery - PMR - Mansfield | Vascular Compression	Deshpande, Manish (COV-PV-MD)
H-KN-01448.GBN4	GB	11182119.5	2436349	EP2436349	09/29/2010	09/21/2011	09/07/2016	09/21/2031	National Stage	Active	Issued	Covidien LP	Covidien LP	Compression Garment Apparatus Having Baseline Pressure	Patient Monitoring & Recovery - PMR - Mansfield | Vascular Compression	Deshpande, Manish (COV-PV-MD)
H-KN-01448AU1	AU	2013202854	2013202854		09/29/2010	09/13/2011	10/16/2014	09/13/2031	Divisional	Active	Issued	Covidien LP	Covidien LP	Compression Garment Apparatus Having Baseline Pressure	Patient Monitoring & Recovery - PMR - Mansfield | Vascular Compression	Deshpande, Manish (COV-PV-MD)
H-KN-01448CN	CN	201110303700.4	ZL201110303700.4	CN102440894A	09/29/2010	09/29/2011	05/06/2015	09/29/2031	Utility	Active	Issued	Covidien LP	Covidien LP	Compression Garment Apparatus Having Baseline Pressure	Patient Monitoring & Recovery - PMR - Mansfield | Vascular Compression	Deshpande, Manish (COV-PV-MD)
H-KN-01448IL	IL	214998			09/29/2010	09/06/2011			Utility	Active	Filed	Covidien LP	Covidien LP	Compression Garment Apparatus Having Baseline Pressure	Patient Monitoring & Recovery - PMR - Mansfield | Vascular Compression	Deshpande, Manish (COV-PV-MD)
H-KN-01448JP	JP	2011-212580	5277404	2012-71136	09/29/2010	09/28/2011	05/31/2013	09/28/2031	Utility	Active	Issued	Covidien LP	Covidien LP	Compression Garment Apparatus Having Baseline Pressure	Patient Monitoring & Recovery - PMR - Mansfield | Vascular Compression	Deshpande, Manish (COV-PV-MD)
H-KN-01448JPDIV	JP	2013-59676	5497933	2013-138908	09/29/2010	09/28/2011	03/14/2014	09/28/2031	Divisional	Active	Issued	Covidien LP	Covidien LP	Compression Garment Apparatus Having Baseline Pressure	Patient Monitoring & Recovery - PMR - Mansfield | Vascular Compression	Deshpande, Manish (COV-PV-MD)
H-KN-01448KR	KR	10-2011-98807	10-1304179		09/29/2010	09/29/2011	08/29/2013	09/29/2031	Utility	Active	Issued	Covidien LP	Covidien LP	Compression Garment Apparatus Having Baseline Pressure	Patient Monitoring & Recovery - PMR - Mansfield | Vascular Compression	Deshpande, Manish (COV-PV-MD)
H-KN-01448US	US	12/893679	8753300	2012-0078146-A1	09/29/2010	09/29/2010	06/17/2014	04/11/2032	Utility	Active	Issued	Covidien LP	Covidien LP	Compression Garment Apparatus Having Baseline Pressure	Patient Monitoring & Recovery - PMR - Mansfield | Vascular Compression	Deshpande, Manish (COV-PV-MD)
H-KN-01448US1	US	14/265473		2014-0236060-A1	09/29/2010	04/30/2014			Continuation	Active	Published	Covidien LP	Covidien LP	Compression Garment Apparatus Having Baseline Pressure	Patient Monitoring & Recovery - PMR - Mansfield | Vascular Compression	Deshpande, Manish (COV-PV-MD)
H-KN-01860US	US	12/893694	8096964		09/29/2010	09/29/2010	01/17/2012	09/29/2030	Utility	Active	Issued	Covidien LP	Covidien LP	Compression Garment Having Grip	Patient Monitoring & Recovery - PMR - Mansfield | Vascular Compression	Deshpande, Manish (COV-PV-MD); Bruehwiler, Michel (MITG-MB15); Rosen, Melissa (MITG-MR5)
H-KN-01289.DEN1	DE	13180566.5	602013007833.5	EP2712599	09/28/2012	08/15/2013	05/25/2016	08/15/2033	National Stage	Active	Issued	Covidien LP	Covidien LP	Compression Device Pumping	Patient Monitoring & Recovery - PMR - Mansfield | Vascular Compression	Deshpande, Manish (COV-PV-MD); Hutton, Daniel (COV-PV-DH); Malhi, Arnaz (COV-PV-ASM)
H-KN-01289.FRN2	FR	13180566.5	2712599	EP2712599	09/28/2012	08/15/2013	05/25/2016	08/15/2033	National Stage	Active	Issued	Covidien LP	Covidien LP	Compression Device Pumping	Patient Monitoring & Recovery - PMR - Mansfield | Vascular Compression	Deshpande, Manish (COV-PV-MD); Hutton, Daniel (COV-PV-DH); Malhi, Arnaz (COV-PV-ASM)
H-KN-01289.NLN3	NL	13180566.5	2712599	EP2712599	09/28/2012	08/15/2013	05/25/2016	08/15/2033	National Stage	Active	Issued	Covidien LP	Covidien LP	Compression Device Pumping	Patient Monitoring & Recovery - PMR - Mansfield | Vascular Compression	Deshpande, Manish (COV-PV-MD); Hutton, Daniel (COV-PV-DH); Malhi, Arnaz (COV-PV-ASM)
H-KN-01289AU	AU	2013216656	2013216656		09/28/2012	08/15/2013	02/05/2015	08/15/2033	Utility	Active	Issued	Covidien LP	Covidien LP	Compression Device Pumping	Patient Monitoring & Recovery - PMR - Mansfield | Vascular Compression	Deshpande, Manish (COV-PV-MD); Hutton, Daniel (COV-PV-DH); Malhi, Arnaz (COV-PV-ASM)
H-KN-01289CA	CA	2823493		2823493	09/28/2012	08/13/2013			Utility	Active	Allowed	Covidien LP	Covidien LP	Compression Device Pumping	Patient Monitoring & Recovery - PMR - Mansfield | Vascular Compression	Deshpande, Manish (COV-PV-MD); Hutton, Daniel (COV-PV-DH); Malhi, Arnaz (COV-PV-ASM)
H-KN-01289CN	CN	201310447429.0	ZL201310447429.0	CN103705992A	09/28/2012	09/27/2013	09/14/2016	09/27/2033	Utility	Active	Issued	Covidien LP	Covidien LP	Compression Device Pumping	Patient Monitoring & Recovery - PMR - Mansfield | Vascular Compression	Deshpande, Manish (COV-PV-MD); Hutton, Daniel (COV-PV-DH); Malhi, Arnaz (COV-PV-ASM)
H-KN-01289IL	IL	227903			09/28/2012	08/11/2013			Utility	Active	Filed	Covidien LP	Covidien LP	Compression Device Pumping	Patient Monitoring & Recovery - PMR - Mansfield | Vascular Compression	Deshpande, Manish (COV-PV-MD); Hutton, Daniel (COV-PV-DH); Malhi, Arnaz (COV-PV-ASM)
H-KN-01289JP	JP	2013-188084	5864494	2014-69070	09/28/2012	09/11/2013	01/08/2016	09/11/2033	Utility	Active	Issued	Covidien LP	Covidien LP	Compression Device Pumping	Patient Monitoring & Recovery - PMR - Mansfield | Vascular Compression	Deshpande, Manish (COV-PV-MD); Hutton, Daniel (COV-PV-DH); Malhi, Arnaz (COV-PV-ASM)
H-KN-01289KR	KR	10-2013-115126	10-1508434		09/28/2012	09/27/2013	03/27/2015	09/27/2033	Utility	Active	Issued	Covidien LP	Covidien LP	Compression Device Pumping	Patient Monitoring & Recovery - PMR - Mansfield | Vascular Compression	Deshpande, Manish (COV-PV-MD); Hutton, Daniel (COV-PV-DH); Malhi, Arnaz (COV-PV-ASM)
H-KN-01289US	US	13/630829		20140094727	09/28/2012	09/28/2012			Utility	Active	Published	Covidien LP	Covidien LP	Compression Device Pumping	Patient Monitoring & Recovery - PMR - Mansfield | Vascular Compression	Deshpande, Manish (COV-PV-MD); Hutton, Daniel (COV-PV-DH); Malhi, Arnaz (COV-PV-ASM)
H-KN-01465AU	AU	2011221374	2011221374		09/29/2010	09/07/2011	04/26/2013	09/07/2031	Utility	Active	Issued	Covidien LP	Covidien LP	Compression Garment Apparatus Having Support Bladder	Patient Monitoring & Recovery - PMR - Mansfield | Vascular Compression	Deshpande, Manish (COV-PV-MD); Malhi, Arnaz (COV-PV-ASM)
H-KN-01465DE	DE	11182432.2	602011012485.4		09/29/2010	09/23/2011	12/24/2014	09/23/2031	National Stage	Active	Issued	Covidien LP	Covidien LP	Compression Garment Apparatus Having Support Bladder	Patient Monitoring & Recovery - PMR - Mansfield | Vascular Compression	Deshpande, Manish (COV-PV-MD); Malhi, Arnaz (COV-PV-ASM)
H-KN-01465EP	EP	11182432.2	2444041	2444041	09/29/2010	09/23/2011	12/24/2014	09/23/2031	Utility	Active	Issued	Covidien LP	Covidien LP	Compression Garment Apparatus Having Support Bladder	Patient Monitoring & Recovery - PMR - Mansfield | Vascular Compression	Deshpande, Manish (COV-PV-MD); Malhi, Arnaz (COV-PV-ASM)
H-KN-01465GB	GB	11182432.2	2444041		09/29/2010	09/23/2011	12/24/2014	09/23/2031	National Stage	Active	Issued	Covidien LP	Covidien LP	Compression Garment Apparatus Having Support Bladder	Patient Monitoring & Recovery - PMR - Mansfield | Vascular Compression	Deshpande, Manish (COV-PV-MD); Malhi, Arnaz (COV-PV-ASM)
H-KN-01465IL	IL	214954			09/29/2010	09/04/2011			Utility	Active	Filed	Covidien LP	Covidien LP	Compression Garment Apparatus Having Support Bladder	Patient Monitoring & Recovery - PMR - Mansfield | Vascular Compression	Deshpande, Manish (COV-PV-MD); Malhi, Arnaz (COV-PV-ASM)
H-KN-01465JP	JP	2011-211028	5272181	2012-71133	09/29/2010	09/27/2011	05/24/2013	09/27/2031	Utility	Active	Issued	Covidien LP	Covidien LP	Compression Garment Apparatus Having Support Bladder	Patient Monitoring & Recovery - PMR - Mansfield | Vascular Compression	Deshpande, Manish (COV-PV-MD); Malhi, Arnaz (COV-PV-ASM)
H-KN-01465JP1	JP	2013-59685	5497934	2013-128788	09/29/2010	09/27/2011	03/14/2014	09/27/2031	Divisional	Active	Issued	Covidien LP	Covidien LP	Compression Garment Apparatus Having Support Bladder	Patient Monitoring & Recovery - PMR - Mansfield | Vascular Compression	Deshpande, Manish (COV-PV-MD); Malhi, Arnaz (COV-PV-ASM)

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Matter #	Country	App #	Patent #	Pub #	Priority Date	App Date	Issue Date	Expiration Date	Matter Sub-Type	Status	Sub Status	Current Owner	Assignee	Title	Business Classification	Inventors
H-KN-01465US	US	12/893683	8758282	20120078145	09/29/2010	09/29/2010	06/24/2014	02/22/2032	Utility	Active	Issued	Covidien LP	Covidien LP	Compression Garment Apparatus Having Support Bladder	Patient Monitoring & Recovery - PMR - Mansfield | Vascular Compression	Deshpande, Manish (COV-PV-MD); Malhi, Arnaz (COV-PV-ASM)
H-KN-01465US01	US	14/274906	9,421,142	2014-0249458-A1	09/29/2010	05/12/2014	08/23/2016	01/06/2031	Continuation	Active	Issued	Covidien LP	Covidien LP	Compression Garment Apparatus having Support Bladder	Patient Monitoring & Recovery - PMR - Mansfield | Vascular Compression	Deshpande, Manish (COV-PV-MD); Malhi, Arnaz (COV-PV-ASM)
H-KN-01916AU	AU	2013213766	2013213766		09/28/2012	08/12/2013	07/02/2015	08/12/2033	Utility	Active	Issued	Covidien LP	Covidien LP	Residual Pressure Control in a Compression Device	Patient Monitoring & Recovery - PMR - Mansfield | Vascular Compression	Deshpande, Manish (COV-PV-MD); Malhi, Arnaz (COV-PV-ASM)
H-KN-01916CA	CA	2822445		2822445	09/28/2012	07/31/2013			Utility	Active	Allowed	Covidien LP	Covidien LP	Residual Pressure Control in a Compression Device	Patient Monitoring & Recovery - PMR - Mansfield | Vascular Compression	Deshpande, Manish (COV-PV-MD); Malhi, Arnaz (COV-PV-ASM)
H-KN-01916CN	CN	201310423162.1		CN103705372A	09/28/2012	09/17/2013			Utility	Active	Published	Covidien LP	Covidien LP	Residual Pressure Control in a Compression Device	Patient Monitoring & Recovery - PMR - Mansfield | Vascular Compression	Deshpande, Manish (COV-PV-MD); Malhi, Arnaz (COV-PV-ASM)
H-KN-01916EP	EP	13178730.1		EP2712647	09/28/2012	07/31/2013			Utility	Active	Published	Covidien LP	Covidien LP	Residual Pressure Control in a Compression Device	Patient Monitoring & Recovery - PMR - Mansfield | Vascular Compression	Deshpande, Manish (COV-PV-MD); Malhi, Arnaz (COV-PV-ASM)
H-KN-01916IN	IN	2608/DEL/2013		8/2015	09/28/2012	09/03/2013			Utility	Active	Published	Covidien LP	Covidien LP	Residual Pressure Control in a Compression Device	Patient Monitoring & Recovery - PMR - Mansfield | Vascular Compression	Deshpande, Manish (COV-PV-MD); Malhi, Arnaz (COV-PV-ASM)
H-KN-01916JP	JP	2013-171384	5745580	2014-69068	09/28/2012	08/21/2013	05/15/2015	08/21/2033	Utility	Active	Issued	Covidien LP	Covidien LP	Residual Pressure Control in a Compression Device	Patient Monitoring & Recovery - PMR - Mansfield | Vascular Compression	Deshpande, Manish (COV-PV-MD); Malhi, Arnaz (COV-PV-ASM)
H-KN-01916JP01	JP	2015-094045		2015-163228	09/28/2012	08/21/2013			Divisional	Active	Allowed	Covidien LP	Covidien LP	Residual Pressure Control in a Compression Device	Patient Monitoring & Recovery - PMR - Mansfield | Vascular Compression	Deshpande, Manish (COV-PV-MD); Malhi, Arnaz (COV-PV-ASM)
H-KN-01916KR	KR	10-2013-0115125	10-1552396		09/28/2012	09/27/2013	09/04/2015	09/27/2033	Utility	Active	Issued	Covidien LP	Covidien LP	Residual Pressure Control in a Compression Device	Patient Monitoring & Recovery - PMR - Mansfield | Vascular Compression	Deshpande, Manish (COV-PV-MD); Malhi, Arnaz (COV-PV-ASM)
H-KN-01916US	US	13/629925		20140094725	09/28/2012	09/28/2012			Utility	Active	Published	Covidien LP	Covidien LP	Residual Pressure Control in a Compression Device	Patient Monitoring & Recovery - PMR - Mansfield | Vascular Compression	Deshpande, Manish (COV-PV-MD); Malhi, Arnaz (COV-PV-ASM)
H-KN-01656US	US	13/630628	9168197	20140094726	09/28/2012	09/28/2012	10/27/2015	05/30/2034	Utility	Active	Issued	Covidien LP	Covidien LP	Vascular Compression System	Patient Monitoring & Recovery - PMR - Mansfield | Vascular Compression	Deshpande, Manish (COV-PV-MD); Malhi, Arnaz (COV-PV-ASM); NARDI, Steve (MITG-SN4); Nagre, Anmol
H-KN-01879AU	AU	2014200495	2014200495		03/11/2013	01/30/2014	03/12/2015	01/30/2034	Utility	Active	Issued	Covidien LP	Covidien LP	Compression Garment with Perspiration Relief	Patient Monitoring & Recovery - PMR - Mansfield | Vascular Compression	DiCarlo, Paul (DICARLO P); Meade, Eric (meadee1); Brown, Jennie (brownj50); Young, Kimbolt (MITG-KY1);
H-KN-01879AU01	AU	2015200014	2015200014		03/11/2013	01/30/2014	09/15/2016	01/30/2034	Divisional	Active	Issued	Covidien LP	Covidien LP	Compression Garment with Perspiration Relief	Patient Monitoring & Recovery - PMR - Mansfield | Vascular Compression	DiCarlo, Paul (DICARLO P); Meade, Eric (meadee1); Brown, Jennie (brownj50); Young, Kimbolt (MITG-KY1);
H-KN-01879CN	CN	201410081591.X		CN104042438A	03/11/2013	03/07/2014			Utility	Active	Allowed	Covidien LP	Covidien LP	Compression Garment with Perspiration Relief	Patient Monitoring & Recovery - PMR - Mansfield | Vascular Compression	DiCarlo, Paul (DICARLO P); Meade, Eric (meadee1); Brown, Jennie (brownj50); Young, Kimbolt (MITG-KY1);
H-KN-01879EP	EP	14151774.8		2777663	03/11/2013	01/20/2014			Utility	Active	Published	Covidien LP	Covidien LP	Compression Garment with Perspiration Relief	Patient Monitoring & Recovery - PMR - Mansfield | Vascular Compression	DiCarlo, Paul (DICARLO P); Meade, Eric (meadee1); Brown, Jennie (brownj50); Young, Kimbolt (MITG-KY1);
H-KN-01879KR	KR	10-2014-0026557	10-1546182		03/11/2013	03/06/2014	08/13/2015	03/06/2034	Utility	Active	Issued	Covidien LP	Covidien LP	Compression Garment with Perspiration Relief	Patient Monitoring & Recovery - PMR - Mansfield | Vascular Compression	DiCarlo, Paul (DICARLO P); Meade, Eric (meadee1); Brown, Jennie (brownj50); Young, Kimbolt (MITG-KY1);
H-KN-01879KR01	KR	10-2015-0039900	10-1594727		03/11/2013	03/06/2014	02/05/2016	03/06/2034	Divisional	Active	Issued	Covidien LP	Covidien LP	Compression Garment with Perspiration Relief	Patient Monitoring & Recovery - PMR - Mansfield | Vascular Compression	DiCarlo, Paul (DICARLO P); Meade, Eric (meadee1); Brown, Jennie (brownj50); Young, Kimbolt (MITG-KY1);
H-KN-01879KR02	KR	10-2016-0008537			03/11/2013	03/06/2014			Divisional	Active	Filed	Covidien LP	Covidien LP	Compression Garment with Perspiration Relief	Patient Monitoring & Recovery - PMR - Mansfield | Vascular Compression	DiCarlo, Paul (DICARLO P); Meade, Eric (meadee1); Brown, Jennie (brownj50); Young, Kimbolt (MITG-KY1);
H-KN-01879US	US	13/792363	9,402,779	2014-0257154-A1	03/11/2013	03/11/2013	08/02/2016	09/21/2034	Utility	Active	Issued	Covidien LP	Covidien LP	Compression Garment with Perspiration Relief	Patient Monitoring & Recovery - PMR - Mansfield | Vascular Compression	DiCarlo, Paul (DICARLO P); Meade, Eric (meadee1); Brown, Jennie (brownj50); Young, Kimbolt (MITG-KY1);
H-KN-00521AU	AU	2010200457	2010200457		02/10/2009	02/09/2010	11/27/2014	02/09/2030	Utility	Active	Issued	Covidien LP	Covidien LP	ENTERAL FEEDING SYSTEM	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Feeding	Dorsey, Michael (dorsem1)
H-KN-00521CA	CA	2692057	2692057	2692057	02/10/2009	02/03/2010	01/28/2014	02/03/2030	Utility	Active	Issued	Covidien LP	Covidien LP	ENTERAL FEEDING SYSTEM	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Feeding	Dorsey, Michael (dorsem1)
H-KN-00521CN	CN	201010116515.X	ZL201010116515.X	CN101797419A	02/10/2009	02/10/2010	10/23/2013	02/10/2030	Utility	Active	Issued	Covidien LP	Covidien LP	ENTERAL FEEDING SYSTEM	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Feeding	Dorsey, Michael (dorsem1)
H-KN-00521EP	EP	10153074.9		2216070	02/10/2009	02/09/2010			Utility	Active	Published	Covidien LP	Covidien LP	Enteral Feeding System	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Feeding	Dorsey, Michael (dorsem1)
H-KN-00521US	US	12/368526	8052656	20100204645	02/10/2009	02/10/2009	11/08/2011	05/11/2029	Utility	Active	Issued	Covidien LP	Covidien LP	Enteral Feeding System	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Feeding	Dorsey, Michael (dorsem1)
H-KN-00894CA	CA	2708579		2708579	11/21/2008	11/16/2009			National Stage	Active	Published	Covidien LP	Covidien AG	Electrode Garment	Patient Monitoring & Recovery - PMR - Mansfield | Custom Product Solutions | Other CPS	Dunagan, Jay (dunagj1)
H-KN-00894JP	JP	2011-537532	5809060	2012-509147	11/21/2008	11/16/2009	09/18/2015	11/16/2029	National Stage	Active	Issued	Covidien LP	Covidien AG	Electrode Garment	Patient Monitoring & Recovery - PMR - Mansfield | Custom Product Solutions | Other CPS	Dunagan, Jay (dunagj1)
H-KN-00894US1	US	12/432142	8868216	20100130847	11/21/2008	04/29/2009	10/21/2014	11/26/2029	Utility	Active	Issued	Covidien LP	Covidien AG	Electrode Garment	Patient Monitoring & Recovery - PMR - Mansfield | Custom Product Solutions | Other CPS	Dunagan, Jay (dunagj1)
H-KN-00841US1	US	12/004320	7704426	20080167625	12/29/2006	12/20/2007	04/27/2010	01/09/2028	Utility	Active	Issued	Covidien LP	Covidien LP	Process for Creating a Stop Surface on a Syringe Plunger Rod	Patient Monitoring & Recovery - PMR - Mansfield | Needles & Syringes | Other Needles & Syringes	Earhart, Stephen (earhas1); Fiser, Richard (MITG-RLF)
H-KN-02723.DEN2	DE	13748172.7	2879629	EP2879629	07/31/2012	07/29/2013	09/07/2016	07/29/2033	National Stage	Active	Issued	Covidien LP	Covidien LP	Urine Collection System, Apparatus and Method	Patient Monitoring & Recovery - PMR - Mansfield | Urology | Other Urology	Elliott, Chelsey (ellioc6); Patel, Harish (patelh15); Moghe, Ajit (MITG-AKM)
H-KN-02723.FRN3	FR	13748172.7	2879629	EP2879629	07/31/2012	07/29/2013	09/07/2016	07/29/2033	National Stage	Active	Issued	Covidien LP	Covidien LP	Urine Collection System, Apparatus and Method	Patient Monitoring & Recovery - PMR - Mansfield | Urology | Other Urology	Elliott, Chelsey (ellioc6); Patel, Harish (patelh15); Moghe, Ajit (MITG-AKM)
H-KN-02723.GBN4	GB	13748172.7	2879629	EP2879629	07/31/2012	07/29/2013	09/07/2016	07/29/2033	National Stage	Active	Issued	Covidien LP	Covidien LP	Urine Collection System, Apparatus and Method	Patient Monitoring & Recovery - PMR - Mansfield | Urology | Other Urology	Elliott, Chelsey (ellioc6); Patel, Harish (patelh15); Moghe, Ajit (MITG-AKM)

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REEL: 044126 FRAME: 0851

Matter #	Country	App #	Patent #	Pub #	Priority Date	App Date	Issue Date	Expiration Date	Matter Sub-Type	Status	Sub Status	Current Owner	Assignee	Title	Business Classification	Inventors
H-KN-02723AU01	AU	2013296779			07/31/2012	07/29/2013		07/29/2033	National Stage	Active	Filed	Covidien LP	Covidien LP	Urine Collection System, Apparatus and Method	Patient Monitoring & Recovery - PMR - Mansfield | Urology | Other Urology	Elliott, Chelsey (ellioc6); Patel, Harish (patelh15); Moghe, Ajit (MITG-AKM)
H-KN-02723CA01	CA	2880807			07/31/2012	07/29/2013			National Stage	Active	Allowed	Covidien LP	Covidien LP	Urine Collection System, Apparatus and Method	Patient Monitoring & Recovery - PMR - Mansfield | Urology | Other Urology	Elliott, Chelsey (ellioc6); Patel, Harish (patelh15); Moghe, Ajit (MITG-AKM)
H-KN-02723MX01	MX	MX/a/2015/001472			07/31/2012	07/29/2013			National Stage	Active	Filed	Covidien LP	Covidien LP	Urine Collection System, Apparatus and Method	Patient Monitoring & Recovery - PMR - Mansfield | Urology | Other Urology	Elliott, Chelsey (ellioc6); Patel, Harish (patelh15); Moghe, Ajit (MITG-AKM)
H-KN-02723US1	US	13/951781		20140039349	07/31/2012	07/26/2013			Utility	Active	Published	Covidien LP	Covidien LP	Urine Collection System, Apparatus and Method	Patient Monitoring & Recovery - PMR - Mansfield | Urology | Other Urology	Elliott, Chelsey (ellioc6); Patel, Harish (patelh15); Moghe, Ajit (MITG-AKM)
H-KN-01477MX1	MX	MX/a/2010/011448	339851		10/21/2009	10/18/2010	06/15/2016	10/18/2030	Utility	Active	Issued	Covidien LP	Covidien LP	ECG Lead System	Patient Monitoring & Recovery - PMR - Mansfield | Monitoring & Operating Room | Other MORP	Farrior, Justin (farrij1)
H-KN-01477US1	US	12/876316	8694080	20110092833	10/21/2009	09/07/2010	04/08/2014	10/17/2030	Utility	Active	Issued	Covidien LP	Covidien LP	ECG Lead System	Patient Monitoring & Recovery - PMR - Mansfield | Monitoring & Operating Room | Other MORP	Farrior, Justin (farrij1)
H-KN-01477US2	US	14/195140	8897865	20140243644	10/21/2009	03/03/2014	11/25/2014	09/07/2030	Continuation	Active	Issued	Covidien LP	Covidien LP	ECG Lead System	Patient Monitoring & Recovery - PMR - Mansfield | Monitoring & Operating Room | Other MORP	Farrior, Justin (farrij1)
S-8492AU1	AU	2007201245	2007201245		06/27/2001	03/22/2007	04/22/2010	12/06/2021	Divisional	Active	Issued	Covidien LP	Covidien LP	SAFETY SHIELD FOR MEDICAL NEEDLES	Patient Monitoring & Recovery - PMR - Mansfield | Needles & Syringes | Other Needles & Syringes	Ferguson, Mark (fergum8); Solomon, Donald (MITG-DDS2); Barrus, Roy (MITG-RB15); Thorne, David (MITG-DLT); Thorne, Michael (MITG-MLT); Owen, Charles
S-8492BR	BR	0116050-8	PI0116050-8	1771	06/27/2001	12/06/2001	06/26/2012	12/06/2021	National Stage	Active	Issued	Covidien LP	Covidien LP	SAFETY SHIELD FOR MEDICAL NEEDLES	Patient Monitoring & Recovery - PMR - Mansfield | Needles & Syringes | Other Needles & Syringes	Ferguson, Mark (fergum8); Solomon, Donald (MITG-DDS2); Barrus, Roy (MITG-RB15); Thorne, David (MITG-DLT); Thorne, Michael (MITG-MLT); Owen, Charles
S-8492CA	CA	2429799	2429799	2429799	12/06/2001	12/06/2001	05/20/2008	12/06/2021	National Stage	Active	Issued	Covidien LP	Covidien LP	SAFETY SHIELD FOR MEDICAL NEEDLES	Patient Monitoring & Recovery - PMR - Mansfield | Needles & Syringes | Other Needles & Syringes	Ferguson, Mark (fergum8); Solomon, Donald (MITG-DDS2); Barrus, Roy (MITG-RB15); Thorne, David (MITG-DLT); Thorne, Michael (MITG-MLT); Owen, Charles
S-8492DE	DE	01991045.4	60137725.7-08	1404209	06/27/2001	12/06/2001	02/18/2009	12/06/2021	National Stage	Active	Issued	Covidien LP	Covidien LP	SAFETY SHIELD FOR MEDICAL NEEDLES	Patient Monitoring & Recovery - PMR - Mansfield | Needles & Syringes | Other Needles & Syringes	Ferguson, Mark (fergum8); Solomon, Donald (MITG-DDS2); Barrus, Roy (MITG-RB15); Thorne, David (MITG-DLT); Thorne, Michael (MITG-MLT); Owen, Charles
S-8492ES	ES	01991045.4	1404209	1404209	06/27/2001	12/06/2001	02/18/2009	12/06/2021	National Stage	Active	Issued	Covidien LP	Covidien LP	SAFETY SHIELD FOR MEDICAL NEEDLES	Patient Monitoring & Recovery - PMR - Mansfield | Needles & Syringes | Other Needles & Syringes	Ferguson, Mark (fergum8); Solomon, Donald (MITG-DDS2); Barrus, Roy (MITG-RB15); Thorne, David (MITG-DLT); Thorne, Michael (MITG-MLT); Owen, Charles
S-8492FR	FR	01991045.4	1404209	1404209	06/27/2001	12/06/2001	02/18/2009	12/06/2021	National Stage	Active	Issued	Covidien LP	Covidien LP	SAFETY SHIELD FOR MEDICAL NEEDLES	Patient Monitoring & Recovery - PMR - Mansfield | Needles & Syringes | Other Needles & Syringes	Ferguson, Mark (fergum8); Solomon, Donald (MITG-DDS2); Barrus, Roy (MITG-RB15); Thorne, David (MITG-DLT); Thorne, Michael (MITG-MLT); Owen, Charles
S-8492GB	GB	01991045.4	1404209	1404209	06/27/2001	12/06/2001	02/18/2009	12/06/2021	National Stage	Active	Issued	Covidien LP	Covidien LP	SAFETY SHIELD FOR MEDICAL NEEDLES	Patient Monitoring & Recovery - PMR - Mansfield | Needles & Syringes | Other Needles & Syringes	Ferguson, Mark (fergum8); Solomon, Donald (MITG-DDS2); Barrus, Roy (MITG-RB15); Thorne, David (MITG-DLT); Thorne, Michael (MITG-MLT); Owen, Charles
S-8492IT	IT	01991045.4	23355 BE/2009	1404209	06/27/2001	12/06/2001	02/18/2009	12/06/2021	National Stage	Active	Issued	Covidien LP	Covidien LP	SAFETY SHIELD FOR MEDICAL NEEDLES	Patient Monitoring & Recovery - PMR - Mansfield | Needles & Syringes | Other Needles & Syringes	Ferguson, Mark (fergum8); Solomon, Donald (MITG-DDS2); Barrus, Roy (MITG-RB15); Thorne, David (MITG-DLT); Thorne, Michael (MITG-MLT); Owen, Charles
S-8492JP	JP	2002-547368	4414649		06/27/2001	12/06/2001	11/27/2009	12/06/2021	National Stage	Active	Issued	Covidien LP	Covidien LP	SAFETY SHIELD FOR MEDICAL NEEDLES	Patient Monitoring & Recovery - PMR - Mansfield | Needles & Syringes | Other Needles & Syringes	Ferguson, Mark (fergum8); Solomon, Donald (MITG-DDS2); Barrus, Roy (MITG-RB15); Thorne, David (MITG-DLT); Thorne, Michael (MITG-MLT); Owen, Charles
S-8492MX	MX	PA/a/2003/004996	247285		06/27/2001	06/04/2003	07/17/2007	06/04/2023	National Stage	Active	Issued	Covidien LP	Covidien LP	SAFETY SHIELD FOR MEDICAL NEEDLES	Patient Monitoring & Recovery - PMR - Mansfield | Needles & Syringes | Other Needles & Syringes	Ferguson, Mark (fergum8); Solomon, Donald (MITG-DDS2); Barrus, Roy (MITG-RB15); Thorne, David (MITG-DLT); Thorne, Michael (MITG-MLT); Owen, Charles
S-8492US	US	10/016276	7438703	20020072716	06/27/2001	12/06/2001	10/21/2008	06/12/2022	Utility	Active	Issued	Covidien LP	Covidien LP	SAFETY SHIELD FOR MEDICAL NEEDLES	Patient Monitoring & Recovery - PMR - Mansfield | Needles & Syringes | Other Needles & Syringes	Ferguson, Mark (fergum8); Solomon, Donald (MITG-DDS2); Barrus, Roy (MITG-RB15); Thorne, David (MITG-DLT); Thorne, Michael (MITG-MLT); Owen, Charles
S-8488AU1	AU	2005234692	2005234692		11/04/1999	11/09/2005	08/20/2009	10/31/2020	Divisional	Active	Issued	Covidien LP	Covidien LP	REACCESSIBLE MEDICAL NEEDLE SAFETY DEVICES AND METHODS	Patient Monitoring & Recovery - PMR - Mansfield | Needles & Syringes | Other Needles & Syringes	Ferguson, Mark (fergum8); Thorne, David (MITG-DLT); Thorne, Jr., Gale (MITG-GHT3); Nelson, Mark (MITG - MN)
S-8488AU2	AU	2005237135	2005237135		11/04/1999	11/24/2005	04/01/2010	10/31/2020	Divisional	Active	Issued	Covidien LP	Covidien LP	REACCESSIBLE MEDICAL NEEDLE SAFETY DEVICES AND METHODS	Patient Monitoring & Recovery - PMR - Mansfield | Needles & Syringes | Other Needles & Syringes	Ferguson, Mark (fergum8); Thorne, David (MITG-DLT); Thorne, Jr., Gale (MITG-GHT3); Nelson, Mark (MITG - MN)
S-8488CA	CA	2397736	2397736	2397736	11/04/1999	10/31/2000	01/09/2007	10/31/2020	National Stage	Active	Issued	Covidien LP	Covidien LP	REACCESSIBLE MEDICAL NEEDLE SAFETY DEVICES AND METHODS	Patient Monitoring & Recovery - PMR - Mansfield | Needles & Syringes | Other Needles & Syringes	Ferguson, Mark (fergum8); Thorne, David (MITG-DLT); Thorne, Jr., Gale (MITG-GHT3); Nelson, Mark (MITG - MN)
S-8488DE	DE	00974050.7	60014151.9-08	1231958	11/04/1999	10/31/2000	09/22/2004	10/31/2020	National Stage	Active	Issued	Covidien LP	Covidien LP	REACCESSIBLE MEDICAL NEEDLE SAFETY DEVICES AND METHODS	Patient Monitoring & Recovery - PMR - Mansfield | Needles & Syringes | Other Needles & Syringes	Ferguson, Mark (fergum8); Thorne, David (MITG-DLT); Thorne, Jr., Gale (MITG-GHT3); Nelson, Mark (MITG - MN)
S-8488FR	FR	00974050.7	1231958	1231958	11/04/1999	10/31/2000	09/22/2004	10/31/2020	National Stage	Active	Issued	Covidien LP	Covidien LP	REACCESSIBLE MEDICAL NEEDLE SAFETY DEVICES AND METHODS	Patient Monitoring & Recovery - PMR - Mansfield | Needles & Syringes | Other Needles & Syringes	Ferguson, Mark (fergum8); Thorne, David (MITG-DLT); Thorne, Jr., Gale (MITG-GHT3); Nelson, Mark (MITG - MN)
S-8488GB	GB	009745050.7	1231958	1231958	11/04/1999	10/31/2000	09/22/2004	10/31/2020	National Stage	Active	Issued	Covidien LP	Covidien LP	Reaccessible Medical Needle Safety Devices and Methods	Patient Monitoring & Recovery - PMR - Mansfield | Needles & Syringes | Other Needles & Syringes	Ferguson, Mark (fergum8); Thorne, David (MITG-DLT); Thorne, Jr., Gale (MITG-GHT3); Nelson, Mark (MITG - MN)
S-8488IE	IE	00974050.7	1231958	1231958	11/04/1999	10/31/2000	09/22/2004	10/31/2020	National Stage	Active	Issued	Covidien LP	Covidien LP	REACCESSIBLE MEDICAL NEEDLE SAFETY DEVICES AND METHODS	Patient Monitoring & Recovery - PMR - Mansfield | Needles & Syringes | Other Needles & Syringes	Ferguson, Mark (fergum8); Thorne, David (MITG-DLT); Thorne, Jr., Gale (MITG-GHT3); Nelson, Mark (MITG - MN)
S-8488IT	IT	00974050.7	34318/BE/2004	1231958	11/04/1999	10/31/2000	09/22/2004	10/31/2020	National Stage	Active	Issued	Covidien LP	Covidien LP	REACCESSIBLE MEDICAL NEEDLE SAFETY DEVICES AND METHODS	Patient Monitoring & Recovery - PMR - Mansfield | Needles & Syringes | Other Needles & Syringes	Ferguson, Mark (fergum8); Thorne, David (MITG-DLT); Thorne, Jr., Gale (MITG-GHT3); Nelson, Mark (MITG - MN)

PATENT
REEL: 044126 FRAME: 0852

Matter #	Country	App #	Patent #	Pub #	Priority Date	App Date	Issue Date	Expiration Date	Matter Sub-Type	Status	Sub Status	Current Owner	Assignee	Title	Business Classification	Inventors
S-8488JP	JP	2001-534444	4796256	2003-514596	11/04/1999	10/31/2000	08/05/2011	10/31/2020	National Stage	Active	Issued	Covidien LP	Covidien LP	REACCESSIBLE MEDICAL NEEDLE SAFETY DEVICES AND METHODS	Patient Monitoring & Recovery - PMR - Mansfield | Needles & Syringes | Other Needles & Syringes	Ferguson, Mark (fergum8); Thorne, David (MITG-DLT); Thorne, Jr., Gale (MITG-GHT3); Nelson, Mark (MITG - MN)
S-8488MX	MX	2002/004453	23517		11/04/1999	10/31/2000	03/27/2006	10/31/2020	National Stage	Active	Issued	Covidien LP	Covidien LP	REACCESSIBLE MEDICAL NEEDLE SAFETY DEVICES AND METHODS	Patient Monitoring & Recovery - PMR - Mansfield | Needles & Syringes | Other Needles & Syringes	Ferguson, Mark (fergum8); Thorne, David (MITG-DLT); Thorne, Jr., Gale (MITG-GHT3); Nelson, Mark (MITG - MN)
S-8488NZ	NZ	518445	518445	1508	11/04/1999	10/31/2000	06/09/2005	10/31/2020	National Stage	Active	Issued	Covidien LP	Covidien LP	REACCESSIBLE MEDICAL NEEDLE SAFETY DEVICES AND METHODS	Patient Monitoring & Recovery - PMR - Mansfield | Needles & Syringes | Other Needles & Syringes	Ferguson, Mark (fergum8); Thorne, David (MITG-DLT); Thorne, Jr., Gale (MITG-GHT3); Nelson, Mark (MITG - MN)
S-8488US	US	09/433449	6280420		11/04/1999	11/04/1999	08/28/2001	11/04/2019	Utility	Active	Issued	Covidien LP	Covidien LP	REACCESSIBLE MEDICAL NEEDLE SAFETY DEVICES AND METHODS	Patient Monitoring & Recovery - PMR - Mansfield | Needles & Syringes | Other Needles & Syringes	Ferguson, Mark (fergum8); Thorne, David (MITG-DLT); Thorne, Jr., Gale (MITG-GHT3); Nelson, Mark (MITG - MN)
S-8488US1	US	09/804960	6796968	20010021827A1	11/04/1999	03/13/2001	09/28/2004	11/02/2020	Continuation	Active	Issued	Covidien LP	Covidien LP	REACCESSIBLE MEDICAL NEEDLE SAFETY DEVICES AND METHODS	Patient Monitoring & Recovery - PMR - Mansfield | Needles & Syringes | Other Needles & Syringes	Ferguson, Mark (fergum8); Thorne, David (MITG-DLT); Thorne, Jr., Gale (MITG-GHT3); Nelson, Mark (MITG - MN)
S-8487AU	AU	780915	780915		11/04/1999	10/31/2000	08/11/2005	10/31/2020	Utility	Active	Issued	Covidien LP	Covidien LP	REACCESSIBLE MEDICAL NEEDLE SAFETY DEVICES AND METHODS	Patient Monitoring & Recovery - PMR - Mansfield | Needles & Syringes | Other Needles & Syringes	Ferguson, Mark (fergum8); Thorne, David (MITG-DLT); Thorne, Michael (MITG-MLT); Thorne, Kendall (MITG-KPT); Thorne, Jr., Gale (MITG-GHT3); Nelson, Mark
S-8487CA	CA	2389299	2389299	2389299	11/04/1999	10/31/2000	05/02/2006	10/31/2020	National Stage	Active	Issued	Covidien LP	Covidien LP	REACCESSIBLE MEDICAL NEEDLE SAFETY DEVICES AND METHODS	Patient Monitoring & Recovery - PMR - Mansfield | Needles & Syringes | Other Needles & Syringes	Ferguson, Mark (fergum8); Thorne, David (MITG-DLT); Thorne, Michael (MITG-MLT); Thorne, Kendall (MITG-KPT); Thorne, Jr., Gale (MITG-GHT3); Nelson, Mark
S-8487JP	JP	2001-534447	4809560	516777	11/04/1999	10/31/2000	08/26/2011	10/31/2020	National Stage	Active	Issued	Covidien LP	Covidien LP	REACCESSIBLE MEDICAL NEEDLE SAFETY DEVICES AND METHODS	Patient Monitoring & Recovery - PMR - Mansfield | Needles & Syringes | Other Needles & Syringes	Ferguson, Mark (fergum8); Thorne, David (MITG-DLT); Thorne, Michael (MITG-MLT); Thorne, Kendall (MITG-KPT); Thorne, Jr., Gale (MITG-GHT3); Nelson, Mark
S-8487MX	MX	PA/a/2002/004472	232374		11/04/1999	05/03/2002	11/25/2005	05/03/2022	National Stage	Active	Issued	Covidien LP	Covidien LP	REACCESSIBLE MEDICAL NEEDLE SAFETY DEVICES AND METHODS	Patient Monitoring & Recovery - PMR - Mansfield | Needles & Syringes | Other Needles & Syringes	Ferguson, Mark (fergum8); Thorne, David (MITG-DLT); Thorne, Michael (MITG-MLT); Thorne, Kendall (MITG-KPT); Thorne, Jr., Gale (MITG-GHT3); Nelson, Mark
S-8487NZ	NZ	518446	518446	1507	11/04/1999	10/31/2000	05/12/2005	10/31/2020	National Stage	Active	Issued	Covidien LP	Covidien LP	REACCESSIBLE MEDICAL NEEDLE SAFETY DEVICES AND METHODS	Patient Monitoring & Recovery - PMR - Mansfield | Needles & Syringes | Other Needles & Syringes	Ferguson, Mark (fergum8); Thorne, David (MITG-DLT); Thorne, Michael (MITG-MLT); Thorne, Kendall (MITG-KPT); Thorne, Jr., Gale (MITG-GHT3); Nelson, Mark
S-8487US	US	09/434036	6254575		11/04/1999	11/04/1999	07/03/2001	11/04/2019	Utility	Active	Issued	Covidien LP	Covidien LP	REACCESSIBLE MEDICAL NEEDLE SAFETY DEVICES AND METHODS	Patient Monitoring & Recovery - PMR - Mansfield | Needles & Syringes | Other Needles & Syringes	Ferguson, Mark (fergum8); Thorne, David (MITG-DLT); Thorne, Michael (MITG-MLT); Thorne, Kendall (MITG-KPT); Thorne, Jr., Gale (MITG-GHT3); Nelson, Mark
S-8450US1	US	10/164944	7029461	20060015073A9	11/04/1999	06/06/2002	04/18/2006	03/27/2020	Continuation-in-Part	Active	Issued	Covidien LP	Covidien LP	SAFETY SHIELD FOR MEDICAL NEEDLES	Patient Monitoring & Recovery - PMR - Mansfield | Needles & Syringes | Other Needles & Syringes	Ferguson, Mark (fergum8); Thorne, Kendall (MITG-KPT)
S-8450US1CON	US	11/256375	7862547	2006-0129106A1	11/04/1999	10/21/2005	01/04/2011	11/04/2019	Continuation	Active	Issued	Covidien LP	Covidien LP	SAFETY SHIELD FOR MEDICAL NEEDLES	Patient Monitoring & Recovery - PMR - Mansfield | Needles & Syringes | Other Needles & Syringes	Ferguson, Mark (fergum8); Thorne, Kendall (MITG-KPT)
H-KN-00516AU	AU	2007243250	2007243250		04/26/2006	04/26/2007	12/20/2012	04/26/2027	National Stage	Active	Issued	Covidien LP	Covidien 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 (fergum8); Weilbacher, Eugene (MITG-EW)
H-KN-00516CA	CA	2647172		2647172	04/26/2006	04/26/2007		04/26/2027	National Stage	Active	Allowed	Covidien LP	Covidien 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 (fergum8); Weilbacher, Eugene (MITG-EW)
H-KN-00516EP	EP	07776309.2		EP2010257	04/26/2006	04/26/2007			National Stage	Active	Published	Covidien LP	Covidien 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 (fergum8); Weilbacher, Eugene (MITG-EW)
H-KN-00516JP	JP	2009-507815	5272178	2009-535105	04/26/2006	04/26/2007	05/24/2013	04/26/2027	National Stage	Active	Issued	Covidien LP	Covidien 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 (fergum8); Weilbacher, Eugene (MITG-EW)
H-KN-00516MX	MX	MX/a/2008/013003	307482		04/26/2006	04/26/2007	02/20/2013	04/26/2027	National Stage	Active	Issued	Covidien LP	Covidien 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 (fergum8); Weilbacher, Eugene (MITG-EW)
H-KN-00516US1	US	11/716502	8226617	20070282275	07/19/2000	03/08/2007	07/24/2012	10/10/2020	Design (Continuation-in-Part)	Active	Issued	Covidien LP	Covidien 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 (fergum8); Weilbacher, Eugene (MITG-EW)
H-KN-00516US2	US	12/836622	8172809	20100280413	11/04/1999	07/15/2010	05/08/2012	11/04/2019	Divisional	Active	Issued	Covidien LP	Covidien 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 (fergum8); Weilbacher, Eugene (MITG-EW)
S-8450AU	AU	2002306661	2002306661		06/27/2001	03/06/2002	09/26/2007	03/06/2022	National Stage	Active	Issued	Covidien LP	Covidien LP	SAFETY SHIELD FOR MEDICAL NEEDLES	Patient Monitoring & Recovery - PMR - Mansfield | Needles & Syringes | Other Needles & Syringes	Ferguson, Mark (fergum8); Weilbacher, Eugene (MITG-EW); Curtis, James (MITG-JC16); Gore, Brian (MITG-BG5); Thorne, Kendall (MITG-KPT); Fiser, Richard (MITG-
S-8450BR2	BR	PI0316958-8	PI0316958-8	1816	06/27/2001	12/01/2003	03/08/2016	12/01/2023	National Stage	Active	Issued	Covidien LP	Covidien LP	SAFETY SHIELD FOR MEDICAL NEEDLES	Patient Monitoring & Recovery - PMR - Mansfield | Needles & Syringes | Other Needles & Syringes	Ferguson, Mark (fergum8); Weilbacher, Eugene (MITG-EW); Curtis, James (MITG-JC16); Gore, Brian (MITG-BG5); Thorne, Kendall (MITG-KPT); Fiser, Richard (MITG-
S-8450CA	CA	2441479	2441479	2441479	06/27/2001	03/06/2002	05/03/2011	03/06/2022	National Stage	Active	Issued	Covidien LP	Covidien LP	SAFETY SHIELD FOR MEDICAL NEEDLES	Patient Monitoring & Recovery - PMR - Mansfield | Needles & Syringes | Other Needles & Syringes	Ferguson, Mark (fergum8); Weilbacher, Eugene (MITG-EW); Curtis, James (MITG-JC16); Gore, Brian (MITG-BG5); Thorne, Kendall (MITG-KPT); Fiser, Richard (MITG-
S-8450CA2	CA	2508360	2508360	2508360	06/27/2001	12/01/2003	09/27/2011	12/01/2023	National Stage	Active	Issued	Covidien LP	Covidien LP	SAFETY SHIELD FOR MEDICAL NEEDLES	Patient Monitoring & Recovery - PMR - Mansfield | Needles & Syringes | Other Needles & Syringes	Ferguson, Mark (fergum8); Weilbacher, Eugene (MITG-EW); Curtis, James (MITG-JC16); Gore, Brian (MITG-BG5); Thorne, Kendall (MITG-KPT); Fiser, Richard (MITG-

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S-8450CN1div	CN	200710136842.X	ZL200710136842.X	CN101104089A	06/27/2001	07/17/2007	06/02/2010	05/30/2023	Divisional	Active	Issued	Covidien LP	Covidien LP	SAFETY SHIELD FOR MEDICAL NEEDLES	Patient Monitoring & Recovery - PMR - Mansfield | Needles & Syringes | Other Needles & Syringes	Ferguson, Mark (fergum8); Weilbacher, Eugene (MITG-EW); Curtis, James (MITG-JC16); Gore, Brian (MITG-BG5); Thorne, Kendall (MITG-KPT); Fiser, Richard (MITG-
S-8450CN2	CN	200380104884.5	ZL200380104884.5	CN1741829A	06/27/2001	12/01/2003	08/26/2009	12/01/2023	National Stage	Active	Issued	Covidien LP	Covidien LP	SAFETY SHIELD FOR MEDICAL NEEDLES	Patient Monitoring & Recovery - PMR - Mansfield | Needles & Syringes | Other Needles & Syringes	Ferguson, Mark (fergum8); Weilbacher, Eugene (MITG-EW); Curtis, James (MITG-JC16); Gore, Brian (MITG-BG5); Thorne, Kendall (MITG-KPT); Fiser, Richard (MITG-
S-8450DE	DE	02750573.4	60226954.7-08	2003/50	06/27/2001	03/06/2002	06/04/2008	03/06/2022	National Stage	Active	Issued	Covidien LP	Covidien LP	SAFETY SHIELD FOR MEDICAL NEEDLES	Patient Monitoring & Recovery - PMR - Mansfield | Needles & Syringes | Other Needles & Syringes	Ferguson, Mark (fergum8); Weilbacher, Eugene (MITG-EW); Curtis, James (MITG-JC16); Gore, Brian (MITG-BG5); Thorne, Kendall (MITG-KPT); Fiser, Richard (MITG-
S-8450DE2	DE	03808421.6	60328630.5-08	1583574	06/27/2001	12/01/2003	07/29/2009	12/01/2023	National Stage	Active	Issued	Covidien LP	Covidien LP	SAFETY SHIELD FOR MEDICAL NEEDLES	Patient Monitoring & Recovery - PMR - Mansfield | Needles & Syringes | Other Needles & Syringes	Ferguson, Mark (fergum8); Weilbacher, Eugene (MITG-EW); Curtis, James (MITG-JC16); Gore, Brian (MITG-BG5); Thorne, Kendall (MITG-KPT); Fiser, Richard (MITG-
S-8450ES	ES	02750573.4	ES 2307771 T3	2003/50	06/27/2001	03/06/2002	06/04/2008	03/06/2022	National Stage	Active	Issued	Covidien LP	Covidien LP	SAFETY SHIELD FOR MEDICAL NEEDLES	Patient Monitoring & Recovery - PMR - Mansfield | Needles & Syringes | Other Needles & Syringes	Ferguson, Mark (fergum8); Weilbacher, Eugene (MITG-EW); Curtis, James (MITG-JC16); Gore, Brian (MITG-BG5); Thorne, Kendall (MITG-KPT); Fiser, Richard (MITG-
S-8450ES2	ES	03808421.6	2330842 T3	1583574	06/27/2001	12/01/2003	07/29/2009	12/01/2023	National Stage	Active	Issued	Covidien LP	Covidien LP	SAFETY SHIELD FOR MEDICAL NEEDLES	Patient Monitoring & Recovery - PMR - Mansfield | Needles & Syringes | Other Needles & Syringes	Ferguson, Mark (fergum8); Weilbacher, Eugene (MITG-EW); Curtis, James (MITG-JC16); Gore, Brian (MITG-BG5); Thorne, Kendall (MITG-KPT); Fiser, Richard (MITG-
S-8450FR	FR	02750573.4	1368082	1368082	06/27/2001	03/06/2002	06/04/2008	03/06/2022	National Stage	Active	Issued	Covidien LP	Covidien LP	SAFETY SHIELD FOR MEDICAL NEEDLES	Patient Monitoring & Recovery - PMR - Mansfield | Needles & Syringes | Other Needles & Syringes	Ferguson, Mark (fergum8); Weilbacher, Eugene (MITG-EW); Curtis, James (MITG-JC16); Gore, Brian (MITG-BG5); Thorne, Kendall (MITG-KPT); Fiser, Richard (MITG-
S-8450FR2	FR	03808421.6	1583574	1583574	06/27/2001	12/01/2003	07/29/2009	12/01/2023	National Stage	Active	Issued	Covidien LP	Covidien LP	SAFETY SHIELD FOR MEDICAL NEEDLES	Patient Monitoring & Recovery - PMR - Mansfield | Needles & Syringes | Other Needles & Syringes	Ferguson, Mark (fergum8); Weilbacher, Eugene (MITG-EW); Curtis, James (MITG-JC16); Gore, Brian (MITG-BG5); Thorne, Kendall (MITG-KPT); Fiser, Richard (MITG-
S-8450GB	GB	02750573.4	1368082	1368082	06/27/2001	03/06/2002	06/04/2008	03/06/2022	National Stage	Active	Issued	Covidien LP	Covidien LP	SAFETY SHIELD FOR MEDICAL NEEDLES	Patient Monitoring & Recovery - PMR - Mansfield | Needles & Syringes | Other Needles & Syringes	Ferguson, Mark (fergum8); Weilbacher, Eugene (MITG-EW); Curtis, James (MITG-JC16); Gore, Brian (MITG-BG5); Thorne, Kendall (MITG-KPT); Fiser, Richard (MITG-
S-8450GB2	GB	03808421.6	1583574	1583574	06/27/2001	12/01/2003	07/29/2009	12/01/2023	National Stage	Active	Issued	Covidien LP	Covidien LP	SAFETY SHIELD FOR MEDICAL NEEDLES	Patient Monitoring & Recovery - PMR - Mansfield | Needles & Syringes | Other Needles & Syringes	Ferguson, Mark (fergum8); Weilbacher, Eugene (MITG-EW); Curtis, James (MITG-JC16); Gore, Brian (MITG-BG5); Thorne, Kendall (MITG-KPT); Fiser, Richard (MITG-
S-8450MX	MX	PA/a/2003/008337	253226		06/27/2001	03/06/2002	01/10/2008	03/06/2022	National Stage	Active	Issued	Covidien LP	Covidien LP	SAFETY SHIELD FOR MEDICAL NEEDLES	Patient Monitoring & Recovery - PMR - Mansfield | Needles & Syringes | Other Needles & Syringes	Ferguson, Mark (fergum8); Weilbacher, Eugene (MITG-EW); Curtis, James (MITG-JC16); Gore, Brian (MITG-BG5); Thorne, Kendall (MITG-KPT); Fiser, Richard (MITG-
S-8450MX1	MX	PA/a/2004/012212	252377		06/27/2001	05/30/2003	12/10/2007	05/30/2023	National Stage	Active	Issued	Covidien LP	Covidien LP	SAFETY SHIELD FOR MEDICAL NEEDLES	Patient Monitoring & Recovery - PMR - Mansfield | Needles & Syringes | Other Needles & Syringes	Ferguson, Mark (fergum8); Weilbacher, Eugene (MITG-EW); Curtis, James (MITG-JC16); Gore, Brian (MITG-BG5); Thorne, Kendall (MITG-KPT); Fiser, Richard (MITG-
S-8450MX2	MX	PA/a/2005/005796	251922		06/27/2001	12/01/2003	11/27/2007	12/01/2023	National Stage	Active	Issued	Covidien LP	Covidien LP	SAFETY SHIELD FOR MEDICAL NEEDLES	Patient Monitoring & Recovery - PMR - Mansfield | Needles & Syringes | Other Needles & Syringes	Ferguson, Mark (fergum8); Weilbacher, Eugene (MITG-EW); Curtis, James (MITG-JC16); Gore, Brian (MITG-BG5); Thorne, Kendall (MITG-KPT); Fiser, Richard (MITG-
S-8450SG	SG	200407129.0	108485		06/27/2001	05/30/2003	06/25/2007	05/30/2023	National Stage	Active	Issued - Assigned	Covidien LP	Covidien LP	SAFETY SHIELD FOR MEDICAL NEEDLES	Patient Monitoring & Recovery - PMR - Mansfield | Needles & Syringes | Other Needles & Syringes	Ferguson, Mark (fergum8); Weilbacher, Eugene (MITG-EW); Curtis, James (MITG-JC16); Gore, Brian (MITG-BG5); Thorne, Kendall (MITG-KPT); Fiser, Richard
S-8450ZA	ZA	2003/9988	2003588		06/27/2001	05/30/2003	09/27/2006	05/30/2023	National Stage	Active	Issued - Assigned	Covidien LP	Covidien LP	SAFETY SHIELD FOR MEDICAL NEEDLES	Patient Monitoring & Recovery - PMR - Mansfield | Needles & Syringes | Other Needles & Syringes	Ferguson, Mark (fergum8); Weilbacher, Eugene (MITG-EW); Curtis, James (MITG-JC16); Gore, Brian (MITG-BG5); Thorne, Kendall (MITG-KPT); Fiser, Richard
S-8450US	US	09/892593	7198618	20010039401A1	11/04/1999	06/27/2001	04/03/2007	11/04/2019	Design (Continuation-in-Part)	Active	Issued	Covidien LP	Covidien LP	SAFETY SHIELD FOR MEDICAL NEEDLES	Patient Monitoring & Recovery - PMR - Mansfield | Needles & Syringes | Other Needles & Syringes	Ferguson, Mark (fergum8); Weilbacher, Eugene (MITG-EW); Solomon, Donald (MITG-DDS2); Curtis, James (MITG-JC16); Barrus, Roy (MITG-RB15); Thorne, David

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S-8450US3	US	10/459164	6949086	0229317	11/04/1999	06/11/2003	09/27/2005	11/04/2019	Divisional	Active	Issued	Covidien LP	Covidien LP	SELDINGER SAFETY SHIELD FOR MEDICAL NEEDLES	Patient Monitoring & Recovery - PMR - Mansfield | Needles & Syringes | Other Needles & Syringes	Ferguson, Mark (fergum8); Weilbacher, Eugene (MITG-EW); Solomon, Donald (MITG-DDS2); Curtis, James (MITG-JC16); Barrus, Roy (MITG-RB15); Thorne, David
2037552	ES	03000030.2	1424093	1424093	12/08/1995	02/24/2004	02/18/2009	03/18/2018	Divisional	Active	Issued-Dropped	Covidien LP	Covidien LP	X-RAY TRANSMISSIVE TRANSCUTANEOUS STIMULATING ELECTRODE	Patient Monitoring & Recovery - PMR - Mansfield | Monitoring & Operating Room | Other MORP	Ferrari, R. Keith (MITG-RF6)
7037IT2	IT	04004135.2	1424094	1424094	12/08/1995	02/24/2004	02/18/2009	03/18/2018	Divisional	Active	Issued	Covidien LP	Covidien LP	X-RAY TRANSMISSIVE TRANSCUTANEOUS STIMULATING ELECTRODE	Patient Monitoring & Recovery - PMR - Mansfield | Monitoring & Operating Room | Other MORP	Ferrari, R. Keith (MITG-RF6)
H-KN-01303BR	BR	112013007433-7		2375	09/28/2010	09/26/2011			National Stage	Active	Published	Covidien LP	Covidien LP	Self-Venting Cannula Assembly	Patient Monitoring & Recovery - PMR - Mansfield | Custom Product Solutions | Other CPS	Finke, Melvin (finkem2)
H-KN-01303DE01	DE	11768225.2	2621451		09/28/2010	09/26/2011	09/23/2015	09/26/2031	National Stage	Active	Issued	Covidien LP	Covidien LP	Self-Venting Cannula Assembly	Patient Monitoring & Recovery - PMR - Mansfield | Custom Product Solutions | Other CPS	Finke, Melvin (finkem2)
H-KN-01303EP	EP	11768225.2	2621451	EP2621451	09/28/2010	09/26/2011	09/23/2015	09/26/2031	National Stage	Active	Issued	Covidien LP	Covidien LP	Self-Venting Cannula Assembly	Patient Monitoring & Recovery - PMR - Mansfield | Custom Product Solutions | Other CPS	Finke, Melvin (finkem2)
H-KN-01303FR01	FR	11768225.2	2621451		09/28/2010	09/26/2011	09/23/2015	09/26/2031	National Stage	Active	Issued	Covidien LP	Covidien LP	Self-Venting Cannula Assembly	Patient Monitoring & Recovery - PMR - Mansfield | Custom Product Solutions | Other CPS	Finke, Melvin (finkem2)
H-KN-01303GB01	GB	11768225.2	2621451		09/28/2010	09/26/2011	09/23/2015	09/26/2031	National Stage	Active	Issued	Covidien LP	Covidien LP	Self-Venting Cannula Assembly	Patient Monitoring & Recovery - PMR - Mansfield | Custom Product Solutions | Other CPS	Finke, Melvin (finkem2)
H-KN-01303US	US	12/891885	8523814	20120078179	09/28/2010	09/28/2010	09/03/2013	03/11/2031	Utility	Active	Issued	Covidien LP	Covidien LP	Self Venting Cannula Assembly	Patient Monitoring & Recovery - PMR - Mansfield | Custom Product Solutions | Other CPS	Finke, Melvin (finkem2)
H-KN-01303US1	US	13/956789	9216138	20130317472	09/28/2010	08/01/2013	12/22/2015	09/28/2030	Continuation	Active	Issued	Covidien LP	Covidien LP	Self Venting Cannula Assembly	Patient Monitoring & Recovery - PMR - Mansfield | Custom Product Solutions | Other CPS	Finke, Melvin (finkem2)
H-KN-01683DE01	DE	11007638.7	602011016864.9		09/30/2010	09/20/2011	06/03/2015	09/20/2031	National Stage	Active	Issued	Covidien LP	Covidien LP	Syringe Assembly Carrier	Patient Monitoring & Recovery - PMR - Mansfield | Custom Product Solutions | Other CPS	Finke, Melvin (finkem2)
H-KN-01683EP	EP	11007638.7	2436407	2436407	09/30/2010	09/20/2011	06/03/2015	09/20/2031	Utility	Active	Issued	Covidien LP	Covidien LP	Syringe Assembly Carrier	Patient Monitoring & Recovery - PMR - Mansfield | Custom Product Solutions | Other CPS	Finke, Melvin (finkem2)
H-KN-01683FR01	FR	11007638.7	2436407		09/30/2010	09/20/2011	06/03/2015	09/20/2031	National Stage	Active	Issued	Covidien LP	Covidien LP	Syringe Assembly Carrier	Patient Monitoring & Recovery - PMR - Mansfield | Custom Product Solutions | Other CPS	Finke, Melvin (finkem2)
H-KN-01683GB01	GB	11007638.7	2436407		09/30/2010	09/20/2011	06/03/2015	09/20/2031	National Stage	Active	Issued	Covidien LP	Covidien LP	Syringe Assembly Carrier	Patient Monitoring & Recovery - PMR - Mansfield | Custom Product Solutions | Other CPS	Finke, Melvin (finkem2)
H-KN-01683US	US	12/894487	8286791	2012-0080342-A1	08/30/2010	09/30/2010	10/16/2012	09/30/2030	Utility	Active	Issued	Covidien LP	Covidien LP	Syringe Assembly Carrier	Patient Monitoring & Recovery - PMR - Mansfield | Custom Product Solutions | Other CPS	Finke, Melvin (finkem2)
H-KN-01885US	US	13/234225	9125992	20130072880	09/16/2011	09/16/2011	09/08/2015	12/28/2033	Utility	Active	Issued	Covidien LP	Covidien LP	Method for modifying connector to provide filtration	Patient Monitoring & Recovery - PMR - Mansfield | Custom Product Solutions | Other CPS	Finke, Melvin (finkem2)
H-KN-02273AU	AU	2012201965	2012201965		04/05/2011	04/04/2012	05/30/2013	04/04/2032	Utility	Active	Issued	Covidien LP	Covidien LP	Buffering Agent Delivery System for Anesthetic Syringe	Patient Monitoring & Recovery - PMR - Mansfield | Dental	Finke, Melvin (finkem2)
H-KN-02273AUDIV	AU	2013205363	2013205363		04/05/2011	04/04/2012	03/05/2015	04/04/2032	Divisional	Active	Issued	Covidien LP	Covidien LP	Buffering Agent Delivery System for Anesthetic Syringe	Patient Monitoring & Recovery - PMR - Mansfield | Dental	Finke, Melvin (finkem2)
H-KN-02273CA	CA	2773480	2773480	2773480	04/05/2011	04/03/2012	12/30/2014	04/03/2032	Utility	Active	Issued	Covidien LP	Covidien LP	Buffering Agent Delivery System for Anesthetic Syringe	Patient Monitoring & Recovery - PMR - Mansfield | Dental	Finke, Melvin (finkem2)
H-KN-02273EP	EP	12162969.5		2508219	04/05/2011	04/03/2012			Utility	Active	Published	Covidien LP	Covidien LP	Buffering Agent Delivery System for Anesthetic Syringe	Patient Monitoring & Recovery - PMR - Mansfield | Dental	Finke, Melvin (finkem2)
H-KN-02273JP	JP	2012-085534	5367864	2012-217848	04/05/2011	04/04/2012	09/20/2013	04/04/2032	Utility	Active	Issued	Covidien LP	Covidien LP	Buffering Agent Delivery System for Anesthetic Syringe	Patient Monitoring & Recovery - PMR - Mansfield | Dental	Finke, Melvin (finkem2)
H-KN-02273JPDIV	JP	2013-153370	5619231	2013-236958	04/05/2011	04/04/2012	09/26/2014	04/04/2032	Divisional	Active	Issued	Covidien LP	Covidien LP	Buffering Agent Delivery System for Anesthetic Syringe	Patient Monitoring & Recovery - PMR - Mansfield | Dental	Finke, Melvin (finkem2)
H-KN-02273US03	US	14/635263	9,265,894	20150238702	04/05/2011	03/02/2015	02/23/2016	04/05/2031	Continuation	Active	Issued	Covidien LP	Covidien LP	BUFFERING AGENT DELIVERY SYSTEM FOR ANESTHETIC SYRINGE	Patient Monitoring & Recovery - PMR - Mansfield | Dental	Finke, Melvin (finkem2)
H-KN-02273US1	US	13/438856	8672878	2020259279	04/05/2011	04/04/2012	03/18/2014	04/04/2032	Utility	Active	Issued	Covidien LP	Covidien LP	Buffering Agent Delivery System for Anesthetic Syringe	Patient Monitoring & Recovery - PMR - Mansfield | Dental	Finke, Melvin (finkem2)
H-KN-02273US2	US	14/195148	8974407	20140221918	04/05/2011	03/03/2014	03/10/2015	04/04/2032	Continuation	Active	Issued	Covidien LP	Covidien LP	Buffering Agent Delivery System for Anesthetic Syringe	Patient Monitoring & Recovery - PMR - Mansfield | Dental	Finke, Melvin (finkem2)
H-KN-01715.DEN2	DE	11768223.7	2621450	EP2621450	09/28/2010	09/26/2011	03/23/2016	09/26/2031	National Stage	Active	Issued	Covidien LP	Covidien LP	Two-Piece Vial Transfer Needle Assembly	Patient Monitoring & Recovery - PMR - Mansfield | Custom Product Solutions | Other CPS	Finke, Melvin (finkem2); Foster, John (MITG-JKF)
H-KN-01715.FRN3	FR	11768223.7	2621450	EP2621450	09/28/2010	09/26/2011	03/23/2016	09/26/2031	National Stage	Active	Issued	Covidien LP	Covidien LP	Two-Piece Vial Transfer Needle Assembly	Patient Monitoring & Recovery - PMR - Mansfield | Custom Product Solutions | Other CPS	Finke, Melvin (finkem2); Foster, John (MITG-JKF)

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Matter #	Country	App #	Patent #	Pub #	Priority Date	App Date	Issue Date	Expiration Date	Matter Sub-Type	Status	Sub Status	Current Owner	Assignee	Title	Business Classification	Inventors
H-KN-01715.GBN4	GB	11768223.7	2621450	EP2621450	09/28/2010	09/26/2011	03/23/2016	09/26/2031	National Stage	Active	Issued	Covidien LP	Covidien LP	Two-Piece Vial Transfer Needle Assembly	Patient Monitoring & Recovery - PMR - Mansfield | Custom Product Solutions | Other CPS	Finke, Melvin (finkem2); Foster, John (MITG-JKF)
H-KN-01715BR	BR	112013007094-3		112013007094-3	09/28/2010	09/26/2011			National Stage	Active	Published	Covidien LP	Covidien LP	Two-Piece Vial Transfer Needle Assembly	Patient Monitoring & Recovery - PMR - Mansfield | Custom Product Solutions | Other CPS	Finke, Melvin (finkem2); Foster, John (MITG-JKF)
H-KN-01680DE	DE	11007645.2	602011017066.6		09/30/2010	09/20/2011	06/10/2015	09/20/2031	National Stage	Active	Issued	Covidien LP	Covidien LP	Syringe Assembly and Package for Distribution of Same	Patient Monitoring & Recovery - PMR - Mansfield | Custom Product Solutions | Other CPS	Finke, Melvin (finkem2); Parker, Jonathan (MITG-JGP); Morefield, Ellen (MITG-EMS); Foster, John (MITG-JKF)
H-KN-01680EP	EP	11007645.2	2436408	2436408	09/30/2010	09/20/2011	06/10/2015	09/20/2031	Utility	Active	Issued	Covidien LP	Covidien LP	Syringe Assembly and Package for Distribution of Same	Patient Monitoring & Recovery - PMR - Mansfield | Custom Product Solutions | Other CPS	Finke, Melvin (finkem2); Parker, Jonathan (MITG-JGP); Morefield, Ellen (MITG-EMS); Foster, John (MITG-JKF)
H-KN-01680FR	FR	11007645.2	2436408		09/30/2010	09/20/2011	06/10/2015	09/20/2031	National Stage	Active	Issued	Covidien LP	Covidien LP	Syringe Assembly and Package for Distribution of Same	Patient Monitoring & Recovery - PMR - Mansfield | Custom Product Solutions | Other CPS	Finke, Melvin (finkem2); Parker, Jonathan (MITG-JGP); Morefield, Ellen (MITG-EMS); Foster, John (MITG-JKF)
H-KN-01680GB	GB	11007645.2	2436408		09/30/2010	09/20/2011	06/10/2015	09/20/2031	National Stage	Active	Issued	Covidien LP	Covidien LP	Syringe Assembly and Package for Distribution of Same	Patient Monitoring & Recovery - PMR - Mansfield | Custom Product Solutions | Other CPS	Finke, Melvin (finkem2); Parker, Jonathan (MITG-JGP); Morefield, Ellen (MITG-EMS); Foster, John (MITG-JKF)
H-KN-01680US	US	12/894467	8196741	2012-008034-A1	09/30/2010	09/30/2010	06/12/2012	09/30/2030	Utility	Active	Issued	Covidien LP	Covidien LP	Syringe Assembly and Package for Distribution of Same	Patient Monitoring & Recovery - PMR - Mansfield | Custom Product Solutions | Other CPS	Finke, Melvin (finkem2); Parker, Jonathan (MITG-JGP); Morefield, Ellen (MITG-EMS); Foster, John (MITG-JKF)
H-KN-01680US1	US	13/488646	8522975	20120234710	09/30/2010	06/05/2012	09/03/2013	09/30/2030	Divisional	Active	Issued	Covidien LP	Covidien LP	Syringe Assembly and Package for Distribution of Same	Patient Monitoring & Recovery - PMR - Mansfield | Custom Product Solutions | Other CPS	Finke, Melvin (finkem2); Parker, Jonathan (MITG-JGP); Morefield, Ellen (MITG-EMS); Foster, John (MITG-JKF)
H-KN-01680US2	US	13/956804	9211375	20130313143	09/30/2010	08/01/2013	12/15/2015	11/16/2030	Divisional	Active	Issued	Covidien LP	Covidien LP	Syringe Assembly and Package for Distribution of Same	Patient Monitoring & Recovery - PMR - Mansfield | Custom Product Solutions | Other CPS	Finke, Melvin (finkem2); Parker, Jonathan (MITG-JGP); Morefield, Ellen (MITG-EMS); Foster, John (MITG-JKF)
H-KN-01472US	US	12/853352	8333292	20120037627A1	08/10/2010	08/10/2010	12/18/2012	02/04/2031	Utility	Active	Issued	Covidien LP	Covidien LP	DISPOSAL CONTAINER WITH LOCKING CLOSURE	Patient Monitoring & Recovery - PMR - Mansfield | Sharps Disposal | Other Sharps Disposal	Finnestad, Mark (MITG-MBF2)
H-KN-01472US1	US	13/716383	8727166	20140008364	08/10/2010	12/17/2012	05/20/2014	08/10/2030	Continuation	Active	Issued	Covidien LP	Covidien LP	Disposal Container with Locking Closure	Patient Monitoring & Recovery - PMR - Mansfield | Sharps Disposal | Other Sharps Disposal	Finnestad, Mark (MITG-MBF2)
H-KN-01497US	US	12/853372	8397933	2012-0037628-A1	08/10/2010	08/10/2010	03/19/2013	03/31/2031	Utility	Active	Issued	Covidien LP	Covidien LP	Medical Waste Receptable	Patient Monitoring & Recovery - PMR - Mansfield | Sharps Disposal | Other Sharps Disposal	Finnestad, Mark (MITG-MBF2)
H-KN-01499US	US	12/853391	8505769	20120037626A1	08/10/2010	08/10/2010	08/13/2013	07/31/2031	Utility	Active	Issued	Covidien LP	Covidien LP	Medical Waste Receptable	Patient Monitoring & Recovery - PMR - Mansfield | Sharps Disposal | Other Sharps Disposal	Finnestad, Mark (MITG-MBF2)
H-KN-00654US1	US	12/304352	8584885	20100155400	07/07/2006	07/05/2007	11/19/2013	07/31/2030	National Stage	Active	Issued	Covidien LP	Covidien LP	Mailbox Style Sharps Container	Patient Monitoring & Recovery - PMR - Mansfield | Sharps Disposal | Other Sharps Disposal	Finnestad, Mark (MITG-MBF2); Reshamwala, Piyush (MITG-PJR); Brown, Robert (MITG-RAB)
H-KN-00921US1	US	12/347164	7963943	20090131870	09/27/2007	12/31/2008	06/21/2011	05/24/2029	Continuation-in-Part	Active	Issued	Covidien LP	Covidien LP	I.V. Catheter Assembly and Needle Safety Device	Patient Monitoring & Recovery - PMR - Mansfield | Intravenous Access/Prefill | Other Intravenous Access/Prefill	Fiser, Richard (MITG-RLF)
H-KN-00921US2	US	13/112140	8313469	20110224627A1	09/27/2007	05/20/2011	11/20/2012	09/26/2028	Divisional	Active	Issued	Covidien LP	Covidien LP	I.V. Catheter Assembly and Needle Safety Device	Patient Monitoring & Recovery - PMR - Mansfield | Intravenous Access/Prefill | Other Intravenous Access/Prefill	Fiser, Richard (MITG-RLF)
S-8503US2	US	11/895597	7988664	20080065015	11/01/2004	08/24/2007	08/02/2011	02/12/2026	Continuation-in-Part	Active	Issued	Covidien LP	Covidien LP	Locking Clip with Trigger Bushing	Patient Monitoring & Recovery - PMR - Mansfield | Intravenous Access/Prefill | Other Intravenous Access/Prefill	Fiser, Richard (MITG-RLF); Carlyon, James L. (MITG-JC23)
S-8503US4	US	13/195342	8506528	2011-0282280-A1	10/31/2003	08/01/2011	08/13/2013	10/31/2023	Continuation	Active	Issued	Covidien LP	Covidien LP	Locking Clip with Trigger Bushing	Patient Monitoring & Recovery - PMR - Mansfield | Intravenous Access/Prefill | Other Intravenous Access/Prefill	Fiser, Richard (MITG-RLF); Carlyon, James L. (MITG-JC23)
S-8503US5	US	13/956686	9089673	20130317426	10/31/2003	08/01/2013	07/28/2015	10/31/2023	Divisional	Active	Issued	Covidien LP	Covidien LP	Locking Clip with Trigger Bushing	Patient Monitoring & Recovery - PMR - Mansfield | Intravenous Access/Prefill | Other Intravenous Access/Prefill	Fiser, Richard (MITG-RLF); Carlyon, James L. (MITG-JC23)
S-8505.DEN3	DE	07839043.2	602007044713.5	EP2068977	09/29/2006	09/28/2007	01/27/2016	09/28/2027	National Stage	Active	Issued	Covidien LP	Covidien LP	FLASHBACK CHAMBER VISUAL ENHANCEMENT	Patient Monitoring & Recovery - PMR - Mansfield | Intravenous Access/Prefill | Other Intravenous Access/Prefill	Fiser, Richard (MITG-RLF); SCHRADER, EUGENE (MITG-EFS); Carlyon, James L. (MITG-JC23)
S-8505.FRN4	FR	07839043.2	2068977	EP2068977	09/29/2006	09/28/2007	01/27/2016	09/28/2027	National Stage	Active	Issued	Covidien LP	Covidien LP	FLASHBACK CHAMBER VISUAL ENHANCEMENT	Patient Monitoring & Recovery - PMR - Mansfield | Intravenous Access/Prefill | Other Intravenous Access/Prefill	Fiser, Richard (MITG-RLF); SCHRADER, EUGENE (MITG-EFS); Carlyon, James L. (MITG-JC23)
S-8505.GBN5	GB	07839043.2	2068977	EP2068977	09/29/2006	09/28/2007	01/27/2016	09/28/2027	National Stage	Active	Issued	Covidien LP	Covidien LP	FLASHBACK CHAMBER VISUAL ENHANCEMENT	Patient Monitoring & Recovery - PMR - Mansfield | Intravenous Access/Prefill | Other Intravenous Access/Prefill	Fiser, Richard (MITG-RLF); SCHRADER, EUGENE (MITG-EFS); Carlyon, James L. (MITG-JC23)
S-8505CA	CA	2663008	2663008	2663008	09/29/2006	09/28/2007	11/24/2015	09/28/2027	National Stage	Active	Issued	Covidien LP	Covidien LP	FLASHBACK CHAMBER VISUAL ENHANCEMENT	Patient Monitoring & Recovery - PMR - Mansfield | Intravenous Access/Prefill | Other Intravenous Access/Prefill	Fiser, Richard (MITG-RLF); SCHRADER, EUGENE (MITG-EFS); Carlyon, James L. (MITG-JC23)
S-8505CA01	CA	2875284	2875284		09/29/2006	09/28/2007	05/31/2016	09/28/2027	Divisional	Active	Issued	Covidien LP	Covidien LP	FLASHBACK CHAMBER VISUAL ENHANCEMENT	Patient Monitoring & Recovery - PMR - Mansfield | Intravenous Access/Prefill | Other Intravenous Access/Prefill	Fiser, Richard (MITG-RLF); SCHRADER, EUGENE (MITG-EFS); Carlyon, James L. (MITG-JC23)

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Matter #	Country	App #	Patent #	Pub #	Priority Date	App Date	Issue Date	Expiration Date	Matter Sub-Type	Status	Sub Status	Current Owner	Assignee	Title	Business Classification	Inventors
S-8505JP	JP	2009-530451	5385787	2010-504824	09/29/2006	03/26/2009	10/11/2013	03/26/2029	National Stage	Active	Issued	Covidien LP	Covidien LP	FLASHBACK CHAMBER VISUAL ENHANCEMENT	Patient Monitoring & Recovery - PMR - Mansfield | Intravenous Access/Prefill | Other Intravenous Access/Prefill	Fiser, Richard (MITG-RLF); SCHRADER, EUGENE (MITG-EFS); Carlyon, James L. (MITG-JC23)
S-8505MX	MX	MX/a/2009/003144	296725		09/29/2006	09/28/2007	03/06/2012	09/28/2027	National Stage	Active	Issued	Covidien LP	Covidien LP	FLASHBACK CHAMBER VISUAL ENHANCEMENT	Patient Monitoring & Recovery - PMR - Mansfield | Intravenous Access/Prefill | Other Intravenous Access/Prefill	Fiser, Richard (MITG-RLF); SCHRADER, EUGENE (MITG-EFS); Carlyon, James L. (MITG-JC23)
S-8505US1	US	11/904466	7833201	20080082053	09/29/2006	09/27/2007	11/16/2010	12/11/2027	Utility	Active	Issued	Covidien LP	Covidien LP	Flashback Chamber Visual Enhancement	Patient Monitoring & Recovery - PMR - Mansfield | Intravenous Access/Prefill | Other Intravenous Access/Prefill	Fiser, Richard (MITG-RLF); SCHRADER, EUGENE (MITG-EFS); Carlyon, James L. (MITG-JC23)
S-8505US2	US	12/904357	8398598	2011-0060288-A1	09/29/2006	10/14/2010	03/19/2013	01/10/2028	Continuation	Active	Issued	Covidien LP	Covidien LP	FLASHBACK CHAMBER VISUAL ENHANCEMENT	Patient Monitoring & Recovery - PMR - Mansfield | Intravenous Access/Prefill | Other Intravenous Access/Prefill	Fiser, Richard (MITG-RLF); SCHRADER, EUGENE (MITG-EFS); Carlyon, James L. (MITG-JC23)
S-8503AU1	AU	2004285574	2004285574	2005/042073	10/31/2003	11/01/2004	08/26/2010	11/01/2024	National Stage	Active	Issued	Covidien LP	Covidien LP	Safety Shield	Patient Monitoring & Recovery - PMR - Mansfield | Intravenous Access/Prefill | Other Intravenous Access/Prefill	Fiser, Richard (MITG-RLF); Tartock, Russell (MITG-RLT); Carlyon, James L. (MITG-JC23)
S-8503CA1	CA	2540483	2540483	2540483	10/31/2003	11/01/2004	06/05/2012	11/01/2024	National Stage	Active	Issued	Covidien LP	Covidien LP	Safety Shield	Patient Monitoring & Recovery - PMR - Mansfield | Intravenous Access/Prefill | Other Intravenous Access/Prefill	Fiser, Richard (MITG-RLF); Tartock, Russell (MITG-RLT); Carlyon, James L. (MITG-JC23)
S-8503CN1	CN	200480031504.4	ZL200480031504.4	CN1871043A	10/31/2003	11/01/2004	04/26/2010	11/01/2024	National Stage	Active	Issued	Covidien LP	Covidien LP	Safety Shield	Patient Monitoring & Recovery - PMR - Mansfield | Intravenous Access/Prefill | Other Intravenous Access/Prefill	Fiser, Richard (MITG-RLF); Tartock, Russell (MITG-RLT); Carlyon, James L. (MITG-JC23)
S-8503DE1	DE	04817503.8	DE 602004009096 T2	1677863	10/31/2003	11/01/2004	09/19/2007	11/01/2024	National Stage	Active	Issued	Covidien LP	Covidien LP	MECHANISM FOR PASSIVE PROTECTION OF MEDICAL SHARPS	Patient Monitoring & Recovery - PMR - Mansfield | Intravenous Access/Prefill | Other Intravenous Access/Prefill	Fiser, Richard (MITG-RLF); Tartock, Russell (MITG-RLT); Carlyon, James L. (MITG-JC23)
S-8503DE1DIV	DE	07116678.9	602004020283.5-08	1892003	10/31/2003	09/18/2007	03/25/2009	11/01/2024	Divisional	Active	Issued	Covidien LP	Covidien LP	SAFETY SHIELD	Patient Monitoring & Recovery - PMR - Mansfield | Intravenous Access/Prefill | Other Intravenous Access/Prefill	Fiser, Richard (MITG-RLF); Tartock, Russell (MITG-RLT); Carlyon, James L. (MITG-JC23)
S-8503DE2	DE	07837391.7	602007034051.9	2054107	10/31/2003	08/27/2007	11/27/2013	08/27/2027	National Stage	Active	Issued	Covidien LP	Covidien LP	LOCKING CLIP WITH TRIGGER BUSHING	Patient Monitoring & Recovery - PMR - Mansfield | Intravenous Access/Prefill | Other Intravenous Access/Prefill	Fiser, Richard (MITG-RLF); Tartock, Russell (MITG-RLT); Carlyon, James L. (MITG-JC23)
S-8503ES1	ES	04817503.8	1677863	1677863	10/31/2003	11/01/2004	09/19/2007	11/01/2024	National Stage	Active	Issued	Covidien LP	Covidien LP	Safety Shield	Patient Monitoring & Recovery - PMR - Mansfield | Intravenous Access/Prefill | Other Intravenous Access/Prefill	Fiser, Richard (MITG-RLF); Tartock, Russell (MITG-RLT); Carlyon, James L. (MITG-JC23)
S-8503ES1DIV	ES	07116678.9	ES 2324560 T3	1892003	10/31/2003	09/18/2007	03/25/2009	11/01/2024	Divisional	Active	Issued	Covidien LP	Covidien LP	SAFETY SHEILD	Patient Monitoring & Recovery - PMR - Mansfield | Intravenous Access/Prefill | Other Intravenous Access/Prefill	Fiser, Richard (MITG-RLF); Tartock, Russell (MITG-RLT); Carlyon, James L. (MITG-JC23)
S-8503ES2	ES	07837391.7	2054107	2054107	10/31/2003	08/27/2007	11/27/2013	08/27/2027	National Stage	Active	Issued	Covidien LP	Covidien LP	LOCKING CLIP WITH TRIGGER BUSHING	Patient Monitoring & Recovery - PMR - Mansfield | Intravenous Access/Prefill | Other Intravenous Access/Prefill	Fiser, Richard (MITG-RLF); Tartock, Russell (MITG-RLT); Carlyon, James L. (MITG-JC23)
S-8503FR1	FR	04817503.8	1677863	1677863	10/31/2003	11/01/2004	09/19/2007	11/01/2024	National Stage	Active	Issued	Covidien LP	Covidien LP	MECHANISM FOR PASSIVE PROTECTION OF MEDICAL SHARPS	Patient Monitoring & Recovery - PMR - Mansfield | Intravenous Access/Prefill | Other Intravenous Access/Prefill	Fiser, Richard (MITG-RLF); Tartock, Russell (MITG-RLT); Carlyon, James L. (MITG-JC23)
S-8503FR1DIV	FR	07116678.9	1892003	1892003	10/31/2003	09/18/2007	03/25/2009	11/01/2024	Divisional	Active	Issued	Covidien LP	Covidien LP	SAFETY SHIELD	Patient Monitoring & Recovery - PMR - Mansfield | Intravenous Access/Prefill | Other Intravenous Access/Prefill	Fiser, Richard (MITG-RLF); Tartock, Russell (MITG-RLT); Carlyon, James L. (MITG-JC23)
S-8503FR2	FR	07837391.7	2054107	2054107	10/31/2003	08/27/2007	11/27/2013	08/27/2027	National Stage	Active	Issued	Covidien LP	Covidien LP	LOCKING CLIP WITH TRIGGER BUSHING	Patient Monitoring & Recovery - PMR - Mansfield | Intravenous Access/Prefill | Other Intravenous Access/Prefill	Fiser, Richard (MITG-RLF); Tartock, Russell (MITG-RLT); Carlyon, James L. (MITG-JC23)
S-8503GB1	GB	04817503.8	1677863	1677863	10/31/2003	11/01/2004	09/19/2007	11/01/2024	National Stage	Active	Issued	Covidien LP	Covidien LP	MECHANISM FOR PASSIVE PROTECTION OF MEDICAL SHARPS	Patient Monitoring & Recovery - PMR - Mansfield | Intravenous Access/Prefill | Other Intravenous Access/Prefill	Fiser, Richard (MITG-RLF); Tartock, Russell (MITG-RLT); Carlyon, James L. (MITG-JC23)
S-8503GB1DIV	GB	07116678.9	1892003	1892003	10/31/2003	09/18/2007	03/25/2009	11/01/2024	Divisional	Active	Issued	Covidien LP	Covidien LP	SAFETY SHIELD	Patient Monitoring & Recovery - PMR - Mansfield | Intravenous Access/Prefill | Other Intravenous Access/Prefill	Fiser, Richard (MITG-RLF); Tartock, Russell (MITG-RLT); Carlyon, James L. (MITG-JC23)
S-8503GB2	GB	07837391.7	2054107	2054107	10/31/2003	08/27/2007	11/27/2013	08/27/2027	National Stage	Active	Issued	Covidien LP	Covidien LP	LOCKING CLIP WITH TRIGGER BUSHING	Patient Monitoring & Recovery - PMR - Mansfield | Intravenous Access/Prefill | Other Intravenous Access/Prefill	Fiser, Richard (MITG-RLF); Tartock, Russell (MITG-RLT); Carlyon, James L. (MITG-JC23)
S-8503IE1DIV	IE	07116678.9	1892003	1892003	10/31/2003	11/01/2004	03/25/2009	11/01/2024	Divisional	Active	Issued	Covidien LP	Covidien LP	SAFETY SHIELD	Patient Monitoring & Recovery - PMR - Mansfield | Intravenous Access/Prefill | Other Intravenous Access/Prefill	Fiser, Richard (MITG-RLF); Tartock, Russell (MITG-RLT); Carlyon, James L. (MITG-JC23)
S-8503IE2	IE	07837391.7	2054107	2054107	10/31/2003	08/27/2007	11/27/2013	08/27/2027	National Stage	Active	Issued	Covidien LP	Covidien LP	LOCKING CLIP WITH TRIGGER BUSHING	Patient Monitoring & Recovery - PMR - Mansfield | Intravenous Access/Prefill | Other Intravenous Access/Prefill	Fiser, Richard (MITG-RLF); Tartock, Russell (MITG-RLT); Carlyon, James L. (MITG-JC23)
S-8503IT1	IT	04817503.8	1677863	1677863	10/31/2003	11/01/2004	09/19/2007	11/01/2024	National Stage	Active	Issued	Covidien LP	Covidien LP	MECHANISM FOR PASSIVE PROTECTION OF MEDICAL SHARPS	Patient Monitoring & Recovery - PMR - Mansfield | Intravenous Access/Prefill | Other Intravenous Access/Prefill	Fiser, Richard (MITG-RLF); Tartock, Russell (MITG-RLT); Carlyon, James L. (MITG-JC23)
S-8503IT1DIV	IT	07116678.9	1892003	1892003	10/31/2003	09/18/2007	03/25/2009	11/01/2024	Divisional	Active	Issued	Covidien LP	Covidien LP	SAFETY SHIELD	Patient Monitoring & Recovery - PMR - Mansfield | Intravenous Access/Prefill | Other Intravenous Access/Prefill	Fiser, Richard (MITG-RLF); Tartock, Russell (MITG-RLT); Carlyon, James L. (MITG-JC23)
S-8503JP1	JP	2006-538415	4776543	2007-509723	10/31/2003	11/01/2004	07/08/2011	11/01/2024	National Stage	Active	Issued	Covidien LP	Covidien LP	Safety Shield	Patient Monitoring & Recovery - PMR - Mansfield | Intravenous Access/Prefill | Other Intravenous Access/Prefill	Fiser, Richard (MITG-RLF); Tartock, Russell (MITG-RLT); Carlyon, James L. (MITG-JC23)

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Matter #	Country	App #	Patent #	Pub #	Priority Date	App Date	Issue Date	Expiration Date	Matter Sub-Type	Status	Sub Status	Current Owner	Assignee	Title	Business Classification	Inventors
S-8503JP1DIV	JP	2007-276307	4615557	2008-068116	10/31/2003	10/24/2007	10/29/2010	11/01/2024	Divisional	Active	Issued	Covidien LP	Covidien LP	SAFETY SHIELD	Patient Monitoring & Recovery - PMR - Mansfield | Intravenous Access/Prefill | Other Intravenous Access/Prefill	Fiser, Richard {MITG-RLF}; Tartock, Russell {MITG-RLT}; Carlyon, James L. {MITG-JC23}
S-8503MX1	MX	PA/a/2006/004634	258080		10/31/2003	11/01/2004	06/20/2008	11/01/2024	National Stage	Active	Issued	Covidien LP	Covidien LP	MECHANISM FOR PASSIVE PROTECTION OF MEDICAL SHARPS	Patient Monitoring & Recovery - PMR - Mansfield | Intravenous Access/Prefill | Other Intravenous Access/Prefill	Fiser, Richard {MITG-RLF}; Tartock, Russell {MITG-RLT}; Carlyon, James L. {MITG-JC23}
S-8503US	US	10/698869	7226434	US-2005-0096592-A1	10/31/2003	10/31/2003	06/05/2007	01/29/2024	Utility	Active	Issued	Covidien LP	Covidien LP	MECHANISM FOR PASSIVE PROTECTION OF MEDICAL SHARPS	Patient Monitoring & Recovery - PMR - Mansfield | Intravenous Access/Prefill | Other Intravenous Access/Prefill	Fiser, Richard {MITG-RLF}; Tartock, Russell {MITG-RLT}; Carlyon, James L. {MITG-JC23}
S-8503US1	US	10/585987	7736332	20070161950	10/31/2003	11/01/2004	06/15/2010	01/29/2024	Continuation-in-Part	Active	Issued	Covidien LP	Covidien LP	MECHANISM FOR PASSIVE PROTECTION OF MEDICAL SHARPS	Patient Monitoring & Recovery - PMR - Mansfield | Intravenous Access/Prefill | Other Intravenous Access/Prefill	Fiser, Richard {MITG-RLF}; Tartock, Russell {MITG-RLT}; Carlyon, James L. {MITG-JC23}
H-KN-01164AU	AU	2010201584	2010201584		05/07/2009	04/20/2010	01/30/2014	04/20/2030	Utility	Active	Issued	Covidien LP	Covidien LP	Medical Fluid Container	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Feeding	Fitzgerald, Alan {MITG-AF7}
H-KN-01164CA	CA	2699402	2699402	2699402	05/07/2009	04/09/2010	11/04/2014	04/09/2030	Utility	Active	Issued	Covidien LP	Covidien LP	Medical Fluid Connector	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Feeding	Fitzgerald, Alan {MITG-AF7}
H-KN-01164CN	CN	201010174071.5	ZL201010174071.5	CN101904801A	05/07/2009	05/06/2010	10/29/2014	05/06/2030	Utility	Active	Issued	Covidien LP	Covidien LP	Medical Fluid Container	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Feeding	Fitzgerald, Alan {MITG-AF7}
H-KN-01164DE	DE	10003125.1	602010004459.9	2248507	05/07/2009	03/24/2010	01/09/2013	03/24/2030	National Stage	Active	Issued	Covidien LP	Covidien LP	Medical Fluid Container	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Feeding	Fitzgerald, Alan {MITG-AF7}
H-KN-01164FR	FR	10003125.1	2248507	2248507	05/07/2009	03/24/2010	01/09/2013	03/24/2030	National Stage	Active	Issued	Covidien LP	Covidien LP	Medical Fluid Container	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Feeding	Fitzgerald, Alan {MITG-AF7}
H-KN-01164GB	GB	10003125.1	2248507	2248507	05/07/2009	03/24/2010	01/09/2013	03/24/2030	National Stage	Active	Issued	Covidien LP	Covidien LP	Medical Fluid Container	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Feeding	Fitzgerald, Alan {MITG-AF7}
H-KN-01725AU	AU	2013293294	2013293294		07/25/2012	07/19/2013	12/08/2016	07/19/2033	National Stage	Active	Issued	Covidien LP	Covidien LP	Enteral Feeding Pump With Flow Adjustment	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Feeding	Flynn, Daniel {flynnd5}; Hudson, Joseph {hudsoj8}; Harr, James {harrj1}
H-KN-01725CA	CA	2879745			07/25/2012	07/19/2013			National Stage	Active	Filed	Covidien LP	Covidien LP	ENTERAL FEEDING PUMP WITH FLOW ADJUSTMENT	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Feeding	Flynn, Daniel {flynnd5}; Hudson, Joseph {hudsoj8}; Harr, James {harrj1}
H-KN-01725CN	CN	201380045836.7		CN104603786A	07/25/2012	07/19/2013			National Stage	Active	Published	Covidien LP	Covidien LP	Enteral Feeding Pump With Flow Adjustment	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Feeding	Flynn, Daniel {flynnd5}; Hudson, Joseph {hudsoj8}; Harr, James {harrj1}
H-KN-01725EP	EP	13745250.4		2877946	07/25/2012	07/19/2013			National Stage	Active	Published	Covidien LP	Covidien LP	Enteral Feeding Pump With Flow Adjustment	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Feeding	Flynn, Daniel {flynnd5}; Hudson, Joseph {hudsoj8}; Harr, James {harrj1}
H-KN-01725US	US	13/557335		20140031784	07/25/2012	07/25/2012			Utility	Active	Published	Covidien LP	Covidien LP	Enteral Feeding Pump With Flow Adjustment	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Feeding	Flynn, Daniel {flynnd5}; Hudson, Joseph {hudsoj8}; Harr, James {harrj1}
H-KN-02198EP	EP	12184356.9		2574889	09/30/2011	09/14/2012			Utility	Active	Published	Covidien LP	Covidien LP	Capactive Sensor For Thermometer Probe	Patient Monitoring & Recovery - PMR - Mansfield | Thermometry | Other Thermometry	Flynn, Daniel {flynnd5}; Lewis, Thomas {lewist7}
H-KN-00677AU	AU	2010202231	2010202231		06/30/2009	05/31/2010	12/05/2013	05/31/2030	Utility	Active	Issued	Covidien LP	Covidien LP	FEMALE ADAPTOR FOR FEEDING LINE	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Feeding	Fournie, Glenn {MITG-GGF1}
H-KN-00677CA	CA	2704900	2704900	2704900	06/30/2009	05/25/2010	05/22/2012	05/25/2030	Utility	Active	Issued	Covidien LP	Covidien LP	FEMALE ADAPTER FOR FEEDING LINE	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Feeding	Fournie, Glenn {MITG-GGF1}
H-KN-00677CN	CN	201010218230.7	ZL201010218230.7	CN1933888A	06/30/2009	06/28/2010	08/27/2014	06/28/2030	Utility	Active	Issued	Covidien LP	Covidien LP	FEMALE ADAPTER FOR FEEDING LINE	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Feeding	Fournie, Glenn {MITG-GGF1}
H-KN-00677DE01	DE	10005270.3	2269685		06/30/2009	05/20/2010	07/09/2014	05/20/2030	National Stage	Active	Issued	Covidien LP	Covidien LP	Female Adaptor for Feeding Line	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Feeding	Fournie, Glenn {MITG-GGF1}
H-KN-00677EP	EP	10005270.3	2269685	2269685	06/30/2009	05/20/2010	07/09/2014	05/20/2030	Utility	Active	Issued	Covidien LP	Covidien LP	Female Adaptor for Feeding Line	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Feeding	Fournie, Glenn {MITG-GGF1}
H-KN-00677FR01	FR	10005270.3	2269685		06/30/2009	05/20/2010	07/09/2014	05/20/2030	National Stage	Active	Issued	Covidien LP	Covidien LP	Female Adaptor for Feeding Line	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Feeding	Fournie, Glenn {MITG-GGF1}
H-KN-00677GB01	GB	10005270.3	2269685		06/30/2009	05/20/2010	07/09/2014	05/20/2030	National Stage	Active	Issued	Covidien LP	Covidien LP	Female Adaptor for Feeding Line	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Feeding	Fournie, Glenn {MITG-GGF1}
H-KN-00677IL	IL	205982	205982		06/30/2009	05/26/2010	04/01/2014	05/26/2030	Utility	Active	Issued	Covidien LP	Covidien LP	FEMALE ADAPTER FOR FEEDING LINE	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Feeding	Fournie, Glenn {MITG-GGF1}

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Matter #	Country	App #	Patent #	Pub #	Priority Date	App Date	Issue Date	Expiration Date	Matter Sub-Type	Status	Sub Status	Current Owner	Assignee	Title	Business Classification	Inventors
H-KN-00677US	US	12/495335	7955317	20100331787	06/30/2009	06/30/2009	06/07/2011	06/30/2029	Utility	Active	Issued	Covidien LP	Covidien LP	Female Adaptor for Feeding Line	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Feeding	Fournie, Glenn {MITG-GGF1}
H-NS-00057CA	CA	2570749	2570749	2570749	12/26/2005	12/11/2006	09/14/2010	12/11/2026	Utility	Active	Issued	Covidien LP	Covidien LP	Reinforcing Tool for a Medical Needle	Patient Monitoring & Recovery - PMR - Mansfield | Custom Product Solutions | Other CPS	FUJIWARA, Norifumi {MITG-NF1}; ABE, Kazuhiro {MITG-KA4}
H-NS-00015CA	CA	2583588	2583588	2583588	10/06/2004	10/06/2005	12/22/2009	10/06/2025	National Stage	Active	Issued	Covidien LP	Covidien LP	Organ Fixing Equipment, and Organ Fixing Equipment Set	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Access	FUJIWARA, Norifumi {MITG-NF1}; MABUCHI, Hitoshi {MITG-HM6}
H-NS-00025US	US	12/298828	8187300	20090198256	04/27/2005	04/28/2006	05/29/2012	07/16/2027	National Stage	Active	Issued	Covidien LP	Covidien LP	Organopexy Tool and Organopexy Kit	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Access	Funamura, Shigeaki {MITG-SF6}
H-NS-00098AUDIV	AU	2012200824	2012200824		05/14/2008	05/12/2009	05/02/2013	05/12/2029	Divisional	Active	Issued	Covidien LP	Covidien LP	Fistula Catheter and Fistula Catheter Set	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Gastrointestinal	Funamura, Shigeaki {MITG-SF6}
H-NS-00098CA	CA	2665296	2665296	2665296	05/14/2008	05/04/2009	04/30/2013	05/04/2029	Utility	Active	Issued	Covidien LP	Covidien LP	Fistula Catheter and Fistula Catheter Set	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Gastrointestinal	Funamura, Shigeaki {MITG-SF6}
H-NS-00098CN	CN	200910140874.6	ZL200910140874.6	CN101601885A	05/14/2008	05/14/2009	02/13/2013	05/14/2029	Utility	Active	Issued	Covidien LP	Covidien LP	Fistula Catheter ans Fistula Catheter Set	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Gastrointestinal	Funamura, Shigeaki {MITG-SF6}
H-NS-00098DE	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	Covidien LP	Covidien LP	FISTULA CATHETER AND FISTULA CATHETER SET	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Gastrointestinal	Funamura, Shigeaki {MITG-SF6}
H-NS-00098FR	FR	09006274.6	2119424	2119424	05/14/2008	05/08/2009	01/04/2012	05/08/2029	National Stage	Active	Issued	Covidien LP	Covidien LP	FISTULA CATHETER AND FISTULA CATHETER SET	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Gastrointestinal	Funamura, Shigeaki {MITG-SF6}
H-NS-00098GB	GB	09006274.6	2119424	2119424	05/14/2008	05/08/2009	01/04/2012	05/08/2029	National Stage	Active	Issued	Covidien LP	Covidien LP	FISTULA CATHETER AND FISTULA CATHETER SET	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Gastrointestinal	Funamura, Shigeaki {MITG-SF6}
H-NS-00004CA	CA	2555701	2555701	2555701	03/02/2004	03/02/2005	05/26/2009	03/02/2025	National Stage	Active	Issued	Covidien LP	Covidien LP	Medical Suturing Tool	Patient Monitoring & Recovery - PMR - Mansfield | Diagnostic	Funamura, Shigeaki {MITG-SF6}; ABE, Kazuhiro {MITG-KA4}
H-NS-00015US	US	11/576873	8663278	20090163939	10/06/2004	10/06/2005	03/04/2014	12/31/2028	National Stage	Active	Issued	Covidien LP	Covidien LP	Organ Fixing Equipment	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Access	Funamura, Shigeaki {MITG-SF6}; MABUCHI, Hitoshi {MITG-HM6}
H-NS-00028CA	CA	2555706	2555706	2555706	08/23/2005	08/09/2006	05/26/2009	08/09/2026	Utility	Active	Issued	Covidien LP	Covidien LP	Extraction Device and Medical Suturing Device Set	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Access	Funamura, Shigeaki {MITG-SF6}; MABUCHI, Hitoshi {MITG-HM6}
H-NS-00003CA	CA	2554592	2554592	2554592	02/03/2004	02/03/2005	04/27/2010	02/03/2025	National Stage	Active	Issued	Covidien LP	Covidien LP	Infection-Preventing Gostrostomy Catheter Kit for Gastrostomy	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Access	Funamura, Shigeaki {MITG-SF6}; SUZUKI, Nobuaki {MITG-NS6}; ABE, Kazuhiro {MITG-KA4}
H-NS-00003DE	DE	05701332.8	60 2005 027 310.7-08	1711111	02/03/2004	02/03/2005	04/06/2011	02/03/2025	National Stage	Active	Issued	Covidien LP	Covidien LP	Infection-Preventing Gastrostomy Catheter Kit for Gastrostomy	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Access	Funamura, Shigeaki {MITG-SF6}; SUZUKI, Nobuaki {MITG-NS6}; ABE, Kazuhiro {MITG-KA4}
H-NS-00003FR	FR	05701332.8	1711111	1711111	02/03/2004	02/03/2005	04/06/2011	02/03/2025	National Stage	Active	Issued	Covidien LP	Covidien LP	Infection-Preventing Gastrostomy Catheter Kit for Gastrostomy	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Access	Funamura, Shigeaki {MITG-SF6}; SUZUKI, Nobuaki {MITG-NS6}; ABE, Kazuhiro {MITG-KA4}
H-NS-00003GB	GB	05701332.8	1711111	1711111	02/03/2004	02/03/2005	04/06/2011	02/03/2025	National Stage	Active	Issued	Covidien LP	Covidien LP	Infection-Preventing Gastrostomy Catheter Kit for Gastrostomy	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Access	Funamura, Shigeaki {MITG-SF6}; SUZUKI, Nobuaki {MITG-NS6}; ABE, Kazuhiro {MITG-KA4}
H-NS-00003US	US	10/597699	7857790	20080039797	02/03/2004	02/03/2005	12/28/2010	07/30/2026	National Stage	Active	Issued	Covidien LP	Covidien LP	Infection-Preventing Gastrostomy Catheter Kit for Gastrostomy	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Access	Funamura, Shigeaki {MITG-SF6}; SUZUKI, Nobuaki {MITG-NS6}; ABE, Kazuhiro {MITG-KA4}
H-NS-00037US	US	12/095261	8043265	20110046555	11/28/2005	11/27/2006	10/25/2011	11/18/2027	National Stage	Active	Issued	Covidien LP	Covidien LP	Internal Needle	Patient Monitoring & Recovery - PMR - Mansfield | Intravenous Access/Prefill | Other Intravenous Access/Prefill	Funamura, Shigeaki {MITG-SF6}; WADA, Yoshihiro {MITG-YW1}; ABE, Kazuhiro {MITG-KA4}
H-NS-00037US03	US	14/969333		US 2016-0206813 A1	11/28/2005	12/15/2015			Continuation	Active	Published	Covidien LP	Covidien LP	INTERNAL NEEDLE	Patient Monitoring & Recovery - PMR - Mansfield | Intravenous Access/Prefill | Other Intravenous Access/Prefill	Funamura, Shigeaki {MITG-SF6}; WADA, Yoshihiro {MITG-YW1}; ABE, Kazuhiro {MITG-KA4}
H-NS-00037US1	US	13/279580	8523819	20120123339	11/28/2005	10/24/2011	09/03/2013	12/27/2026	Divisional	Active	Issued	Covidien LP	Covidien LP	Internal Needle	Patient Monitoring & Recovery - PMR - Mansfield | Intravenous Access/Prefill | Other Intravenous Access/Prefill	Funamura, Shigeaki {MITG-SF6}; WADA, Yoshihiro {MITG-YW1}; ABE, Kazuhiro {MITG-KA4}
H-NS-00037US2	US	14/010871	9211380	20140018739	11/28/2005	08/27/2013	12/15/2015	12/10/2026	Continuation	Active	Issued	Covidien LP	Covidien LP	Internal Needle	Patient Monitoring & Recovery - PMR - Mansfield | Intravenous Access/Prefill | Other Intravenous Access/Prefill	Funamura, Shigeaki {MITG-SF6}; WADA, Yoshihiro {MITG-YW1}; ABE, Kazuhiro {MITG-KA4}
7040US	US	09/893855	6600957	20030004558	06/28/2001	06/28/2001	07/29/2003	09/25/2021	Utility	Active	Issued	Covidien LP	Covidien LP	HIGH-ENERGY DISPOSABLE MEDICAL STIMULATION ELECTRODE	Patient Monitoring & Recovery - PMR - Mansfield | Monitoring & Operating Room | Other MORP	Gadsby, Peter {MITG-PDG}
H-KN-03030.CNN4	CN	201480062098.1		CN105744920A	11/15/2013	11/14/2014			National Stage	Active	Published	Covidien LP	Covidien LP	FOLDED CORE ABSORBENT ARTICLE AND RELATED METHOD	Patient Monitoring & Recovery - PMR - Mansfield | Incontinence Care | Other Incontinence Care	Gahan, Richard {gahanr1}
H-KN-03030.MXN5	MX	MX/a/2016/006182			11/15/2013	11/14/2014			National Stage	Active	Filed	Covidien LP	Covidien LP	FOLDED CORE ABSORBENT ARTICLE AND RELATED METHOD	Patient Monitoring & Recovery - PMR - Mansfield | Incontinence Care | Other Incontinence Care	Gahan, Richard {gahanr1}

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REEL: 044126 FRAME: 0859

Matter #	Country	App #	Patent #	Pub #	Priority Date	App Date	Issue Date	Expiration Date	Matter Sub-Type	Status	Sub Status	Current Owner	Assignee	Title	Business Classification	Inventors
H-KN-01726.DEN9	DE	11758634.7	2613687	EP2613687	09/08/2010	09/08/2011	11/02/2016	09/08/2031	National Stage	Active	Issued	Covidien LP	Covidien LP	Catheter with Imaging Assembly	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Access	Gaines, Robert (gainer1); Allyn, Robert (allynr1)
H-KN-01726.FRN10	FR	11758634.7	2613687	EP2613687	09/08/2010	09/08/2011	11/02/2016	09/08/2031	National Stage	Active	Issued	Covidien LP	Covidien LP	Catheter with Imaging Assembly	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Access	Gaines, Robert (gainer1); Allyn, Robert (allynr1)
H-KN-01726.GBN11	GB	11758634.7	2613687	EP2613687	09/08/2010	09/08/2011	11/02/2016	09/08/2031	National Stage	Active	Issued	Covidien LP	Covidien LP	Catheter with Imaging Assembly	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Access	Gaines, Robert (gainer1); Allyn, Robert (allynr1)
H-KN-01726AUDIV1	AU	2014200506	2014200506		09/08/2010	09/08/2011	04/21/2016	09/08/2031	Divisional	Active	Issued	Covidien LP	Covidien LP	Catheter with Imaging Assembly	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Access	Gaines, Robert (gainer1); Allyn, Robert (allynr1)
H-KN-01726AUDIV4	AU	2014200505	2014200505		09/08/2010	09/08/2011	09/24/2015	09/08/2031	Divisional	Active	Issued	Covidien LP	Covidien LP	Catheter with Imaging Assembly	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Access	Gaines, Robert (gainer1); Allyn, Robert (allynr1)
H-KN-01726JP1	JP	2014-102983	5876105	2014-166576	09/08/2011	09/08/2011	01/29/2016	09/08/2031	Divisional	Active	Issued	Covidien LP	Covidien LP	Catheter with Imaging Assembly	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Access	Gaines, Robert (gainer1); Allyn, Robert (allynr1)
H-KN-01726JP1.JPV1	JP	2016-160353		2016-221317	09/08/2011	08/18/2016			Divisional	Active	Published	Covidien LP	Covidien LP	Catheter with Imaging Assembly	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Access	Gaines, Robert (gainer1); Allyn, Robert (allynr1)
H-KN-01726JP1.JPV2	JP	2016-160352		2016-221316	09/08/2011	08/18/2016			Divisional	Active	Published	Covidien LP	Covidien LP	Catheter with Imaging Assembly	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Access	Gaines, Robert (gainer1); Allyn, Robert (allynr1)
H-KN-01722US	US								Utility	Active	Draft	Covidien LP	Covidien LP	Smart Tube Migration	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Feeding	Gaines, Robert (gainer1); Harr, James (harrj1); Swisher, David (swishd1)
H-KN-02502US	US								Utility	Active	Draft	Covidien LP	Covidien LP	Proximal Tip Migration Detection Device	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Access	Gaines, Robert (gainer1); Holste, John (holstj1); Coggins, Scott (coggis1)
H-KN-01842EP02	EP	12861028.6	2785963	2785963	01/14/2013	12/11/2012			National Stage	Active	Published	Covidien LP	Covidien LP	Wireless Relay Module Having Emergency Call Functionality	Patient Monitoring & Recovery - PMR - Mansfield | Technology Development	Gaines, Robert (gainer1); Holste, John (holstj1); Lewis, Thomas (lewist2)
H-KN-01842IN02	IN	5014/DELNP/2014		12/2015	01/14/2013	12/11/2012			National Stage	Active	Published	Covidien LP	Covidien LP	Wireless Relay Module Having Emergency Call Functionality	Patient Monitoring & Recovery - PMR - Mansfield | Technology Development	Gaines, Robert (gainer1); Holste, John (holstj1); Lewis, Thomas (lewist2)
H-KN-01842JP02	JP	2014-548109	5956581	2015-503256	01/14/2013	12/11/2012	06/29/2016	12/11/2032	National Stage	Active	Issued	Covidien LP	Covidien LP	Wireless Relay Module Having Emergency Call Functionality	Patient Monitoring & Recovery - PMR - Mansfield | Technology Development	Gaines, Robert (gainer1); Holste, John (holstj1); Lewis, Thomas (lewist2)
H-KN-01842US2	US	13/324459	8851380	20120184297	01/14/2013	12/22/2011	10/07/2014	05/01/2032	Continuation-in-Part	Active	Issued	Covidien LP	Covidien LP	Wireless Relay Module Having Emergency Call Functionality	Patient Monitoring & Recovery - PMR - Mansfield | Technology Development	Gaines, Robert (gainer1); Holste, John (holstj1); Lewis, Thomas (lewist2)
H-KN-02997US01	US	14/693427		US 2016-0310329 A1	04/22/2015	04/22/2015			Utility	Active	Published	Covidien LP	Covidien LP	Remote Monitoring of Absorbent Article	Patient Monitoring & Recovery - PMR - Mansfield | Incontinence Care | Other Incontinence Care	Gaines, Robert (gainer1); Patel, Harish (patelh15); Narvekar, Vishal (narvev1); Gahan, Richard (gahanr1)
H-KN-02797.CNN2	CN	201480049761.4		CN105682703A	09/10/2013	09/10/2014			National Stage	Active	Published	Covidien LP	Covidien LP	ENTERAL FEEDING PUMP WITH ACCELERATION SENSOR	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Feeding	Gaines, Robert (gainer1); Waldhoff, Gary (waldhg1); Holste, John (holstj1)
H-KN-02797US01	US	14/482304		20150073338	09/10/2013	09/10/2014			Utility	Active	Published	Covidien LP	Covidien LP	ENTERAL FEEDING PUMP WITH ACCELERATION SENSOR AND RELATED METHODS THEREFOR	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Feeding	Gaines, Robert (gainer1); Waldhoff, Gary (waldhg1); Holste, John (holstj1)
H-KN-01842CN05	CN	201280057980.1	ZL201280057980.1	CN104011764A	01/14/2013	12/11/2012	08/17/2016	12/11/2032	National Stage	Active	Issued	Covidien LP	Covidien LP	System And Method for Patient Identification in a Remote Monitoring System	Patient Monitoring & Recovery - PMR - Mansfield | Technology Development	Gaines, Robert (gainer1); Wiesner, Joel (wiesnj1)
H-KN-01842EP03	EP	12860718.9		EP2795562	12/22/2011	12/11/2012			National Stage	Active	Allowed	Covidien LP	Covidien LP	System And Method for Patient Identification in a Remote Monitoring System	Patient Monitoring & Recovery - PMR - Mansfield | Technology Development	
H-KN-01842IN05	IN	5013/DELNP/2014		12/2015	01/14/2013	12/11/2012			National Stage	Active	Published	Covidien LP	Covidien LP	System And Method for Patient Identification in a Remote Monitoring System	Patient Monitoring & Recovery - PMR - Mansfield | Technology Development	Gaines, Robert (gainer1); Wiesner, Joel (wiesnj1)
H-KN-01842MX05	MX	MX/a/2014/007502	338016		01/14/2013	12/11/2012	11/24/2016	12/11/2032	National Stage	Active	Issued	Covidien LP	Covidien LP	System And Method for Patient Identification in a Remote Monitoring System	Patient Monitoring & Recovery - PMR - Mansfield | Technology Development	Gaines, Robert (gainer1); Wiesner, Joel (wiesnj1)
H-KN-01842US3	US	13/334447	9066800	20120185268	01/14/2013	12/22/2011	12/02/2014	05/02/2032	Continuation-in-Part	Active	Issued	Covidien LP	Covidien LP	System And Method for Patient Identification in a Remote Monitoring System	Patient Monitoring & Recovery - PMR - Mansfield | Technology Development	Gaines, Robert (gainer1); Wiesner, Joel (wiesnj1)
H-KN-01921EP1	EP	14167889.6		EP2778908	05/01/2011	05/23/2012			Divisional	Active	Published	Covidien LP	Covidien LP	REMOTE MONITORING SYSTEMS FOR MONITORING MEDICAL DEVICES VIA WIRELESS COMMUNICATION	Patient Monitoring & Recovery - PMR - Mansfield | Technology Development	Gaines, Robert (gainer1); Wiesner, Joel (wiesnj1)
H-KN-01921EP2	EP	14168975.3		2767920	05/01/2011	05/23/2012			Divisional	Active	Published	Covidien LP	Covidien LP	REMOTE MONITORING SYSTEMS FOR MONITORING MEDICAL DEVICES VIA WIRELESS COMMUNICATION	Patient Monitoring & Recovery - PMR - Mansfield | Technology Development	Gaines, Robert (gainer1); Wiesner, Joel (wiesnj1)
H-KN-01921MX03	MX	MX/a/2014/007873	329122		05/01/2011	05/23/2012	06/06/2015	05/23/2063	Divisional	Active	Issued	Covidien LP	Covidien LP	REMOTE MONITORING SYSTEMS FOR MONITORING MEDICAL DEVICES VIA WIRELESS COMMUNICATION	Patient Monitoring & Recovery - PMR - Mansfield | Technology Development	Gaines, Robert (gainer1); Wiesner, Joel (wiesnj1)
H-KN-01862CN	CN	201280065157.8		CN104041088A	12/22/2011	12/11/2012			National Stage	Active	Published	Covidien LP	Covidien LP	Wireless Relay Module For Remote Monitoring Systems Having Alarm And Display Functionality	Patient Monitoring & Recovery - PMR - Mansfield | Technology Development	Gaines, Robert (gainer1); Wiesner, Joel (wiesnj1); Breitwieser, Kenneth (breitk1)
H-KN-01862IN	IN	4916/DELNP/2014		12/2015	12/22/2011	12/11/2012			National Stage	Active	Published	Covidien LP	Covidien LP	Wireless Relay Module For Remote Monitoring Systems Having Alarm And Display Functionality	Patient Monitoring & Recovery - PMR - Mansfield | Technology Development	Gaines, Robert (gainer1); Wiesner, Joel (wiesnj1); Breitwieser, Kenneth (breitk1)
H-KN-01862KR	KR	10-2014-7019961	10-1585862		12/22/2011	12/11/2012	01/07/2016	12/11/2032	National Stage	Active	Issued	Covidien LP	Covidien LP	Wireless Relay Module For Remote Monitoring Systems Having Alarm And Display Functionality	Patient Monitoring & Recovery - PMR - Mansfield | Technology Development	Gaines, Robert (gainer1); Wiesner, Joel (wiesnj1); Breitwieser, Kenneth (breitk1)
H-KN-01862MX	MX	MX/a/2014/007826	352062		12/22/2011	12/11/2012	08/09/2016	12/11/2032	National Stage	Active	Issued	Covidien LP	Covidien LP	Wireless Relay Module For Remote Monitoring Systems Having Alarm And Display Functionality	Patient Monitoring & Recovery - PMR - Mansfield | Technology Development	Gaines, Robert (gainer1); Wiesner, Joel (wiesnj1); Breitwieser, Kenneth (breitk1)
H-KN-01920CN	CN	201280066852.6	ZL201280066852.6	103931089	01/14/2013	01/12/2012	06/01/2016	01/12/2032	National Stage	Active	Issued	Covidien LP	Covidien LP	Medical Device Wireless Network Architecture	Patient Monitoring & Recovery - PMR - Mansfield | Technology Development	Gaines, Robert (gainer1); Wiesner, Joel (wiesnj1); Holste, John (holstj1)

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Matter #	Country	App #	Patent #	Pub #	Priority Date	App Date	Issue Date	Expiration Date	Matter Sub-Type	Status	Sub Status	Current Owner	Assignee	Title	Business Classification	Inventors
H-KN-01562DN	IN	6229/DELNP/2013			01/14/2011	01/13/2012			National Stage	Active	Filed	Covidien LP	Covidien LP	Medical Device Wireless Network Architectures	Patient Monitoring & Recovery - PMR - Mansfield | Technology Development	Gaines, Robert (gainer1); Wiesner, Joel (wiesnj1); Holste, John (holstj1)
H-KN-01562EP	EP	2013-548522	5998622	2014-507426	01/14/2011	01/13/2012	08/26/2015	01/12/2032	National Stage	Active	Issued	Covidien LP	Covidien LP	Medical Device Wireless Network Architectures	Patient Monitoring & Recovery - PMR - Mansfield | Technology Development	Gaines, Robert (gainer1); Wiesner, Joel (wiesnj1); Holste, John (holstj1)
H-KN-01562KR	KR	10-2013-7020322	10-1566270		01/14/2011	01/13/2012	10/16/2015	01/12/2032	National Stage	Active	Issued	Covidien LP	Covidien LP	Medical Device Wireless Network Architectures	Patient Monitoring & Recovery - PMR - Mansfield | Technology Development	Gaines, Robert (gainer1); Wiesner, Joel (wiesnj1); Holste, John (holstj1)
H-KN-01562MX	MX	MX/a/2013/008115A	329006		01/14/2011	01/13/2012	08/27/2015	01/12/2032	National Stage	Active	Issued	Covidien LP	Covidien LP	Medical Device Wireless Network Architectures	Patient Monitoring & Recovery - PMR - Mansfield | Technology Development	Gaines, Robert (gainer1); Wiesner, Joel (wiesnj1); Holste, John (holstj1)
H-KN-01562US	US	13/520,736A	8887156	20130283928	01/14/2011	01/13/2012	11/25/2014	01/12/2032	Utility	Active	Issued	Covidien LP	Covidien LP	Medical Device Wireless Network Architectures	Patient Monitoring & Recovery - PMR - Mansfield | Technology Development	Gaines, Robert (gainer1); Wiesner, Joel (wiesnj1); Holste, John (holstj1)
H-KN-01842EP	EP	12709866.2		EP2664154	01/14/2011	01/11/2012			National Stage	Active	Published	Covidien LP	Covidien LP	Wireless Relay Module for Remote Monitoring Systems	Patient Monitoring & Recovery - PMR - Mansfield | Technology Development	Gaines, Robert (gainer1); Wiesner, Joel (wiesnj1); Holste, John (holstj1); Breitweiser, Kenneth (breitk1)
H-KN-01842IN	IN	6193/DELNP/2013			01/14/2011	01/11/2012			National Stage	Active	Filed	Covidien LP	Covidien LP	Wireless Relay Module for Remote Monitoring Systems	Patient Monitoring & Recovery - PMR - Mansfield | Technology Development	Gaines, Robert (gainer1); Wiesner, Joel (wiesnj1); Holste, John (holstj1); Breitweiser, Kenneth (breitk1)
H-KN-01842JP	JP	2013-548521	5731388	2014-503870	01/14/2011	01/11/2012	04/17/2015	01/11/2032	National Stage	Active	Issued	Covidien LP	Covidien LP	Wireless Relay Module for Remote Monitoring Systems	Patient Monitoring & Recovery - PMR - Mansfield | Technology Development	Gaines, Robert (gainer1); Wiesner, Joel (wiesnj1); Holste, John (holstj1); Breitweiser, Kenneth (breitk1)
H-KN-01842KR	KR	10-2013-7020317	10-1570420		01/14/2011	01/11/2012	08/20/2015	01/11/2032	National Stage	Active	Issued	Covidien LP	Covidien LP	Wireless Relay Module For Remote Monitoring Systems	Patient Monitoring & Recovery - PMR - Mansfield | Technology Development	Gaines, Robert (gainer1); Wiesner, Joel (wiesnj1); Holste, John (holstj1); Breitweiser, Kenneth (breitk1)
H-KN-01842MX	MX	MX/a/2013/008117	327575		01/14/2011	01/11/2012	02/05/2015	01/11/2032	National Stage	Active	Issued	Covidien LP	Covidien LP	Wireless Relay Module For Remote Monitoring Systems	Patient Monitoring & Recovery - PMR - Mansfield | Technology Development	Gaines, Robert (gainer1); Wiesner, Joel (wiesnj1); Holste, John (holstj1); Breitweiser, Kenneth (breitk1)
H-KN-01842US	US	13/005962	8618960	20110187557	01/14/2011	01/11/2011	09/06/2013	08/25/2032	Utility	Active	Issued	Covidien LP	Covidien LP	Wireless Relay Module for Remote Monitoring Systems	Patient Monitoring & Recovery - PMR - Mansfield | Technology Development	Gaines, Robert (gainer1); Wiesner, Joel (wiesnj1); Holste, John (holstj1); Breitweiser, Kenneth (breitk1)
H-KN-01842US3	US	13/241626	9258627	20120182884	01/14/2011	09/23/2011	02/02/2016	07/24/2032	Continuation-in-Part	Active	Issued	Covidien LP	Covidien LP	Wireless Relay Module for Remote Monitoring Systems	Patient Monitoring & Recovery - PMR - Mansfield | Technology Development	Gaines, Robert (gainer1); Wiesner, Joel (wiesnj1); Holste, John (holstj1); Breitweiser, Kenneth (breitk1)
H-KN-01842KR01	KR	10-2015-7035965	10-1586854		12/22/2011	01/08/2015	01/07/2015	01/06/2032	National Stage	Active	Issued	Covidien LP	Covidien LP	Wireless Relay Module for Remote Monitoring Systems Having Power and Medical Device Proximity Monitoring	Patient Monitoring & Recovery - PMR - Mansfield | Technology Development	Gaines, Robert (gainer1); Wiesner, Joel (wiesnj1); Holste, John (holstj1); Breitweiser, Kenneth (breitk1)
H-KN-01842US1	US	13/873985	9026698	20130282165	01/14/2011	01/15/2012	04/22/2015	09/12/2031	Continuation-in-Part	Active	Issued	Covidien LP	Covidien LP	Wireless Relay Module for Remote Monitoring Systems Having Power and Medical Device Proximity Monitoring	Patient Monitoring & Recovery - PMR - Mansfield | Technology Development	Gaines, Robert (gainer1); Wiesner, Joel (wiesnj1); Holste, John (holstj1); Breitweiser, Kenneth (breitk1)
H-KN-03183.USV5	US	29/569,278			06/12/2014	06/24/2016			Divisional	Active	Filed	Covidien LP	Covidien LP	DONGLE FOR A MEDICAL DEVICE	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Feeding	Gaines, Robert (gainer1); Wiesner, Joel (wiesnj1); Holste, John (holstj1); Harr, James (harrj1); Breitweiser, Kenneth (breitk1)
H-KN-03183AU	AU	201416444	359650		06/12/2014	12/12/2014	12/18/2014	12/12/2024	Design	Active	Issued	Covidien LP	Covidien LP	Dongle for Wireless Communication Attached to an Enteral Feed Pump	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Feeding	Gaines, Robert (gainer1); Wiesner, Joel (wiesnj1); Holste, John (holstj1); Harr, James (harrj1); Breitweiser, Kenneth (breitk1)
H-KN-03183AU01	AU	201416445	359651		06/12/2014	12/12/2014	12/18/2014	12/12/2024	Design	Active	Issued	Covidien LP	Covidien LP	Dongle for a Medical Device	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Feeding	Gaines, Robert (gainer1); Wiesner, Joel (wiesnj1); Holste, John (holstj1); Harr, James (harrj1); Breitweiser, Kenneth (breitk1)
H-KN-03183CA	CA	160053	160053		06/12/2014	12/11/2014	11/10/2015	11/10/2025	Design	Active	Issued	Covidien LP	Covidien LP	Dongle for Wireless Communication Attached to an Enteral Feed Pump	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Feeding	Gaines, Robert (gainer1); Wiesner, Joel (wiesnj1); Holste, John (holstj1); Harr, James (harrj1); Breitweiser, Kenneth (breitk1)
H-KN-03183CN	CN	201430521749.1	ZL201430521749.1		06/12/2014	12/12/2014	10/21/2015	12/12/2024	Design	Active	Issued	Covidien LP	Covidien LP	Dongle for Wireless Communication Attached to an Enteral Feed Pump	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Feeding	Gaines, Robert (gainer1); Wiesner, Joel (wiesnj1); Holste, John (holstj1); Harr, James (harrj1); Breitweiser, Kenneth (breitk1)
H-KN-03183EM	EU	001427348	001427348-0001		06/12/2014	12/12/2014	01/01/2015	12/12/2039	Design	Active	Issued	Covidien LP	Covidien LP	Dongle for Wireless Communication Attached to an Enteral Feed Pump	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Feeding	Gaines, Robert (gainer1); Wiesner, Joel (wiesnj1); Holste, John (holstj1); Harr, James (harrj1); Breitweiser, Kenneth (breitk1)
H-KN-03183EM02	EU	001427348	001427348-0002		06/12/2014	12/12/2014	01/15/2015	12/12/2039	Continuation	Active	Issued	Covidien LP	Covidien LP	Dongle for Wireless Communication Attached to an Enteral Feed Pump	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Feeding	Gaines, Robert (gainer1); Wiesner, Joel (wiesnj1); Holste, John (holstj1); Harr, James (harrj1); Breitweiser, Kenneth (breitk1)
H-KN-03183EM03	EU	001427348	001427348-0003		06/12/2014	12/12/2014	01/15/2015	12/12/2039	Continuation	Active	Issued	Covidien LP	Covidien LP	Dongle for Wireless Communication Attached to an Enteral Feed Pump	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Feeding	Gaines, Robert (gainer1); Wiesner, Joel (wiesnj1); Holste, John (holstj1); Harr, James (harrj1); Breitweiser, Kenneth (breitk1)
H-KN-03183EM04	EU	001427348	001427348-0004		06/12/2014	12/12/2014	01/15/2015	12/12/2039	Continuation	Active	Issued	Covidien LP	Covidien LP	Dongle for Wireless Communication Attached to an Enteral Feed Pump	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Feeding	Gaines, Robert (gainer1); Wiesner, Joel (wiesnj1); Holste, John (holstj1); Harr, James (harrj1); Breitweiser, Kenneth (breitk1)
H-KN-03183US	US	29/493700	D765,083		06/12/2014	06/12/2014	08/30/2016	08/30/2030	Design	Active	Issued	Covidien LP	Covidien LP	Dongle for a Medical Device	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Feeding	Gaines, Robert (gainer1); Wiesner, Joel (wiesnj1); Holste, John (holstj1); Harr, James (harrj1); Breitweiser, Kenneth (breitk1)
H-KN-01333EP	EP	10182182.5	2301496	2301496	09/29/2009	09/29/2010	07/11/2012	09/29/2030	Utility	Active	Issued	Covidien LP	Covidien LP	PNEUMATIC COMPRESSION GARMENT WITH NOISE ATTENUATING MEANS	Patient Monitoring & Recovery - PMR - Mansfield | Vascular Compression	Ganapathy, Premnarayan (MITG-PG5)
H-KN-01333US	US	12/569323	8328741	20110077566	09/29/2009	09/29/2009	12/11/2012	12/16/2029	Utility	Active	Issued	Covidien LP	Covidien LP	Pneumatic Compression Garment with Noise Attenuating Means	Patient Monitoring & Recovery - PMR - Mansfield | Vascular Compression	Ganapathy, Premnarayan (MITG-PG5)
H-KN-01333US1	US	13/661771	8801644	20130296752	09/29/2009	10/26/2012	11/11/2014	09/29/2029	Continuation	Active	Issued	Covidien LP	Covidien LP	Pneumatic Compression Garment with Noise Attenuation	Patient Monitoring & Recovery - PMR - Mansfield | Vascular Compression	Ganapathy, Premnarayan (MITG-PG5)
H-KN-01814US	US	13/628063	9072885	20140088657	09/27/2012	09/27/2012	07/07/2015	09/27/2032	Utility	Active	Issued	Covidien LP	Covidien LP	System For Hydrating Defibrillation Electrodes	Patient Monitoring & Recovery - PMR - Mansfield | Custom Product Solutions | Other CPS	Garstka, Erick (garste1); Copp-Howland, Warren (MITG-WWC)
H-KN-01814US01	US	14/726742		20150258328	09/27/2012	06/01/2015			Divisional	Active	Published	Covidien LP	Covidien LP	System For Hydrating Defibrillation Electrodes	Patient Monitoring & Recovery - PMR - Mansfield | Custom Product Solutions | Other CPS	Garstka, Erick (garste1); Copp-Howland, Warren (MITG-WWC)
H-KN-01812US	US	12/855292	8548557	20120041296	08/12/2010	08/12/2010	10/01/2013	07/22/2031	Utility	Active	Issued	Covidien LP	Covidien LP	Medical Electrodes	Patient Monitoring & Recovery - PMR - Mansfield | Custom Product Solutions | Other CPS	Garstka, Erick (garste1); Tremblay, Kathleen (trembk1)

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Matter #	Country	App #	Patent #	Pub #	Priority Date	App Date	Issue Date	Expiration Date	Matter Sub-Type	Status	Sub Status	Current Owner	Assignee	Title	Business Classification	Inventors
H-KN-01812US1	US	14/010877	9,433,658	20140065248	08/12/2010	08/27/2013	09/06/2016	03/13/2031	Continuation	Active	Issued	Covidien LP	Covidien LP	Medical Electrode	Patient Monitoring & Recovery - PMR - Mansfield | Custom Product Solutions | Other CPS	Garstka, Erick (garste1); Tremblay, Kathleen (trembk1)
H-KN-00966CA1	CA	2642430	2642430	2642430	11/02/2007	10/31/2008	06/14/2016	10/31/2028	Utility	Active	Issued	Covidien LP	Covidien LP	MEDICAL ELECTRODE POSSESSING A PH INDICATOR	Patient Monitoring & Recovery - PMR - Mansfield | Custom Product Solutions | Other CPS	Garstka, Erick (garste1); Tremblay, Kathleen (trembk1); Copp-Howland, Warren (MITG-WWC); Hyatt, Christopher (MITG-CJH)
H-KN-00966DE1	DE	08253592.3	60 2008 004 398.3-08	2055347	11/02/2007	11/03/2008	01/12/2011	11/03/2028	National Stage	Active	Issued	Covidien LP	Covidien LP	Novel Electrodes	Patient Monitoring & Recovery - PMR - Mansfield | Custom Product Solutions | Other CPS	Garstka, Erick (garste1); Tremblay, Kathleen (trembk1); Copp-Howland, Warren (MITG-WWC); Hyatt, Christopher (MITG-CJH)
H-KN-00966DEDIV3	DE	10167522.1	602008027956.1	EP2226095	11/02/2007	11/03/2008	10/02/2013	11/03/2028	Divisional	Active	Issued	Covidien LP	Covidien LP	Novel Electrodes	Patient Monitoring & Recovery - PMR - Mansfield | Custom Product Solutions | Other CPS	Garstka, Erick (garste1); Tremblay, Kathleen (trembk1); Copp-Howland, Warren (MITG-WWC); Hyatt, Christopher (MITG-CJH)
H-KN-00966EPDIV3	EP	10167522.1	2226095	EP2226095	11/02/2007	11/03/2008	10/02/2013	11/03/2028	Divisional	Active	Issued	Covidien LP	Covidien LP	Novel Electrodes	Patient Monitoring & Recovery - PMR - Mansfield | Custom Product Solutions | Other CPS	Garstka, Erick (garste1); Tremblay, Kathleen (trembk1); Copp-Howland, Warren (MITG-WWC); Hyatt, Christopher (MITG-CJH)
H-KN-00966ES1	ES	08253592.3	2055347	2055347	11/02/2007	11/03/2008	01/12/2011	11/03/2028	National Stage	Active	Issued	Covidien LP	Covidien LP	Novel Electrodes	Patient Monitoring & Recovery - PMR - Mansfield | Custom Product Solutions | Other CPS	Garstka, Erick (garste1); Tremblay, Kathleen (trembk1); Copp-Howland, Warren (MITG-WWC); Hyatt, Christopher (MITG-CJH)
H-KN-00966ESDIV3	ES	10167522.1	2226095	EP2226095	11/02/2007	11/03/2008	10/02/2013	11/03/2028	Divisional	Active	Issued	Covidien LP	Covidien LP	Novel Electrodes	Patient Monitoring & Recovery - PMR - Mansfield | Custom Product Solutions | Other CPS	Garstka, Erick (garste1); Tremblay, Kathleen (trembk1); Copp-Howland, Warren (MITG-WWC); Hyatt, Christopher (MITG-CJH)
H-KN-00966FR1	FR	08253592.3	2055347	2055347	11/02/2007	11/03/2008	01/12/2011	11/03/2028	National Stage	Active	Issued	Covidien LP	Covidien LP	Novel Electrodes	Patient Monitoring & Recovery - PMR - Mansfield | Custom Product Solutions | Other CPS	Garstka, Erick (garste1); Tremblay, Kathleen (trembk1); Copp-Howland, Warren (MITG-WWC); Hyatt, Christopher (MITG-CJH)
H-KN-00966FRDIV3	FR	10167522.1	2226095	EP2226095	11/02/2007	11/03/2008	10/02/2013	11/03/2028	Divisional	Active	Issued	Covidien LP	Covidien LP	Novel Electrodes	Patient Monitoring & Recovery - PMR - Mansfield | Custom Product Solutions | Other CPS	Garstka, Erick (garste1); Tremblay, Kathleen (trembk1); Copp-Howland, Warren (MITG-WWC); Hyatt, Christopher (MITG-CJH)
H-KN-00966GB1	GB	08253592.3	2055347	2055347	11/02/2007	11/03/2008	01/12/2011	11/03/2028	National Stage	Active	Issued	Covidien LP	Covidien LP	Novel Electrodes	Patient Monitoring & Recovery - PMR - Mansfield | Custom Product Solutions | Other CPS	Garstka, Erick (garste1); Tremblay, Kathleen (trembk1); Copp-Howland, Warren (MITG-WWC); Hyatt, Christopher (MITG-CJH)
H-KN-00966GBDIV3	GB	10167522.1	2226095	EP2226095	11/02/2007	11/03/2008	10/02/2013	11/03/2028	Divisional	Active	Issued	Covidien LP	Covidien LP	Novel Electrodes	Patient Monitoring & Recovery - PMR - Mansfield | Custom Product Solutions | Other CPS	Garstka, Erick (garste1); Tremblay, Kathleen (trembk1); Copp-Howland, Warren (MITG-WWC); Hyatt, Christopher (MITG-CJH)
H-KN-00966IT1	IT	08253592.3	2055347	2055347	11/02/2007	11/03/2008	01/12/2011	11/03/2028	National Stage	Active	Issued	Covidien LP	Covidien LP	Novel Electrodes	Patient Monitoring & Recovery - PMR - Mansfield | Custom Product Solutions | Other CPS	Garstka, Erick (garste1); Tremblay, Kathleen (trembk1); Copp-Howland, Warren (MITG-WWC); Hyatt, Christopher (MITG-CJH)
H-KN-00966US1	US	12/261122	8280481	2009-0270709A1	11/02/2007	10/30/2008	10/02/2012	06/24/2031	Utility	Active	Issued	Covidien LP	Covidien LP	ELECTRODES POSSESSING PH INDICATOR	Patient Monitoring & Recovery - PMR - Mansfield | Custom Product Solutions | Other CPS	Garstka, Erick (garste1); Tremblay, Kathleen (trembk1); Copp-Howland, Warren (MITG-WWC); Hyatt, Christopher (MITG-CJH)
H-KN-00966US2	US	12/261134	8275441	2009-0270710-A1	11/02/2007	10/30/2008	09/25/2012	06/24/2031	Utility	Active	Issued	Covidien LP	Covidien LP	Electrodes Possessing Change Indicator	Patient Monitoring & Recovery - PMR - Mansfield | Custom Product Solutions | Other CPS	Garstka, Erick (garste1); Tremblay, Kathleen (trembk1); Copp-Howland, Warren (MITG-WWC); Hyatt, Christopher (MITG-CJH)
H-KN-00551US1	US	13/005636	8548558	2011-0130640-A1	03/06/2008	01/13/2011	10/01/2013	03/06/2028	Continuation-in-Part	Active	Issued	Covidien LP	Covidien LP	Electrode Capable of Attachment to a Garment, System, and Methods of Manufacturing	Patient Monitoring & Recovery - PMR - Mansfield | Custom Product Solutions | Other CPS	Geolat, Keith (geolak1); Rowe, Charles (rowec4); Garstka, Erick (garste1); Dunagan, Jay (dunagj1); Dunagan, Boyd (MITG-BD7)
H-KN-00247AU	AU	2010236088	2010236088		11/16/2009	10/28/2010	03/14/2014	10/28/2030	Utility	Active	Issued	Covidien LP	Covidien LP	Thermometer Probe	Patient Monitoring & Recovery - PMR - Mansfield | Thermometry | Other Thermometry	Gierer, Joseph (MITG-JTG); Sisk, Ricky (MITG-RAS5)
H-KN-00247CN	CN	201010546876.8	ZL201010546876.8	102119852A	11/16/2009	11/16/2010	01/07/2015	11/16/2030	Utility	Active	Issued	Covidien LP	Covidien LP	Thermometer Probe	Patient Monitoring & Recovery - PMR - Mansfield | Thermometry | Other Thermometry	Gierer, Joseph (MITG-JTG); Sisk, Ricky (MITG-RAS5)
H-KN-00247CN1	CN	201410117527.2		CN103829930A	11/16/2009	11/16/2010			Divisional	Active	Allowed	Covidien LP	Covidien LP	Thermometer Probe	Patient Monitoring & Recovery - PMR - Mansfield | Thermometry | Other Thermometry	Gierer, Joseph (MITG-JTG); Sisk, Ricky (MITG-RAS5)
H-KN-00247US	US	12/619181	8226573	2011-0118622-A1	11/16/2009	11/16/2009	07/24/2012	01/05/2030	Utility	Active	Issued	Covidien LP	Covidien LP	Thermometer Probe	Patient Monitoring & Recovery - PMR - Mansfield | Thermometry | Other Thermometry	Gierer, Joseph (MITG-JTG); Sisk, Ricky (MITG-RAS5)
H-KN-02319US	US	13/249450	8634901	20130085402	09/30/2011	09/30/2011	01/21/2014	09/30/2031	Utility	Active	Issued	Covidien LP	Covidien LP	ECG Leadwire System With Noise Suppression And Related Methods	Patient Monitoring & Recovery - PMR - Mansfield | Monitoring & Operating Room | Other MORP	Gilbert, Glenn (gilbeg4); D'Elia, Linda (delial1); Coggins, Scott (coggis1); Callahan, Mark (MITG-MJC)
H-KN-02319US1	US	14/135239	9,375,162	2014-0221856-A1	09/30/2011	12/19/2013	06/28/2016	10/03/2031	Divisional	Active	Issued	Covidien LP	Covidien LP	ECG Leadwire System With Noise Suppression And Related Methods	Patient Monitoring & Recovery - PMR - Mansfield | Monitoring & Operating Room | Other MORP	Gilbert, Glenn (gilbeg4); D'Elia, Linda (delial1); Coggins, Scott (coggis1); Callahan, Mark (MITG-MJC)
H-KN-02823US01	US	14/747134		2015-0366565-A1	06/23/2014	06/23/2015			Utility	Active	Published	Covidien LP	Covidien LP	Arteriovenous Fistula Maturation	Patient Monitoring & Recovery - PMR - Mansfield | Vascular Compression	Girdhar, Gaurav (girdhg1); Shaltis, Phillip (shaltp1); Malhi, Amaz (COV-PV-ASM)
S-8481DE	DE	06804090.6	602006020466.3-08	1931731	10/04/2005	09/25/2006	03/02/2011	09/25/2026	National Stage	Active	Issued	Covidien LP	Covidien LP	Propylene Copolymer Compositions	Patient Monitoring & Recovery - PMR - Mansfield | Polymer Technology	Gohill, Bharat (gohilb1)
S-8481ES	ES	06804090.6	2359432 T3	1931731	10/04/2005	09/25/2006	09/16/2010	09/25/2026	National Stage	Active	Issued	Covidien LP	Covidien LP	Propylene Copolymer Compositions	Patient Monitoring & Recovery - PMR - Mansfield | Polymer Technology	Gohill, Bharat (gohilb1)
S-8481FR	FR	06804090.6	1931731	1931731	10/04/2005	09/25/2006	03/02/2011	09/25/2026	National Stage	Active	Issued	Covidien LP	Covidien LP	Propylene Copolymer Compositions	Patient Monitoring & Recovery - PMR - Mansfield | Polymer Technology	Gohill, Bharat (gohilb1)
S-8481GB	GB	06804090.6	1931731	1931731	10/04/2005	09/25/2006	09/16/2010	09/25/2026	National Stage	Active	Issued	Covidien LP	Covidien LP	Propylene Copolymer Compositions	Patient Monitoring & Recovery - PMR - Mansfield | Polymer Technology	Gohill, Bharat (gohilb1)

Matter #	Country	App #	Patent #	Pub #	Priority Date	App Date	Issue Date	Expiration Date	Matter Sub-Type	Status	Sub Status	Current Owner	Assignee	Title	Business Classification	Inventors
S-8481HU	HU	06804090.6	1931731	1931731	10/04/2005	09/25/2006	09/16/2010	09/25/2026	National Stage	Active	Issued	Covidien LP	Covidien LP	Propylene Copolymer Compositions	Patient Monitoring & Recovery - PMR - Mansfield | Polymer Technology	Gohill, Bharat (gohilb1)
S-8481MX	MX	MX/a/2008/004310	286096		10/04/2005	09/25/2006	04/27/2011	09/25/2026	National Stage	Active	Issued	Covidien LP	Covidien LP	Propylene Copolymer Compositions	Patient Monitoring & Recovery - PMR - Mansfield | Polymer Technology	Gohill, Bharat (gohilb1)
H-KN-00065FR	FR	06803729.0	1926587	1926587	09/16/2005	09/18/2006	07/31/2013	09/18/2026	National Stage	Active	Issued	Covidien LP	Covidien LP	Methods for Relaxing Stress in Polymeric Materials	Patient Monitoring & Recovery - PMR - Mansfield | Needles & Syringes | Other Needles & Syringes	Gohill, Bharat (gohilb1); Jones, Scott (joness46)
H-KN-00065GB	GB	06803729.0	1926587	1926587	09/16/2005	09/18/2006	07/31/2013	09/18/2026	National Stage	Active	Issued	Covidien LP	Covidien LP	Methods for Relaxing Stress in Polymeric Materials	Patient Monitoring & Recovery - PMR - Mansfield | Needles & Syringes | Other Needles & Syringes	Gohill, Bharat (gohilb1); Jones, Scott (joness46)
H-KN-00065US1	US	11/522887	7846375	2007-0069430	09/16/2005	09/18/2006	12/07/2010	12/20/2027	Utility	Active	Issued	Covidien LP	Covidien LP	Methods for Relaxing Stress in Polymeric Materials	Patient Monitoring & Recovery - PMR - Mansfield | Needles & Syringes | Other Needles & Syringes	Gohill, Bharat (gohilb1); Jones, Scott (joness46)
H-KN-01088US	US	12/500729	8162869	20110009795	07/10/2009	07/10/2009	04/24/2012	08/04/2030	Utility	Active	Issued	Covidien LP	Covidien LP	Hybrid Compression Garment	Patient Monitoring & Recovery - PMR - Mansfield | Vascular Compression	Graham, Joseph (grahaj7)
H-KN-01089.DEN3	DE	09163472.5	2140903	EP2140903	06/30/2008	06/23/2009	09/02/2015	06/23/2029	National Stage	Active	Issued	Covidien LP	Covidien LP	Urinary Catheter Assembly with Valve Assembly Including a Dissolvable Valve	Patient Monitoring & Recovery - PMR - Mansfield | Urology | Other Urology	Green, Kurt (MITG-KEG)
H-KN-01089.FRN4	FR	09163472.5	2140903	EP2140903	06/30/2008	06/23/2009	09/02/2015	06/23/2029	National Stage	Active	Issued	Covidien LP	Covidien LP	Urinary Catheter Assembly with Valve Assembly Including a Dissolvable Valve	Patient Monitoring & Recovery - PMR - Mansfield | Urology | Other Urology	Green, Kurt (MITG-KEG)
H-KN-01089.GBN5	GB	09163472.5	2140903	EP2140903	06/30/2008	06/23/2009	09/02/2015	06/23/2029	National Stage	Active	Issued	Covidien LP	Covidien LP	Urinary Catheter Assembly with Valve Assembly Including a Dissolvable Valve	Patient Monitoring & Recovery - PMR - Mansfield | Urology | Other Urology	Green, Kurt (MITG-KEG)
H-KN-01089CA	CA	2668792		2668792	06/30/2008	06/12/2009			Utility	Active	Allowed	Covidien LP	Covidien LP	VALVE ASSEMBLY INCLUDING A DISSOLVABLE VALVE MEMBER	Patient Monitoring & Recovery - PMR - Mansfield | Urology | Other Urology	Green, Kurt (MITG-KEG)
H-KN-01089DE01	DE	09163472.5	602009033291.0		06/30/2008	06/23/2009	09/02/2015	06/23/2029	National Stage	Active	Issued	Covidien LP	Covidien LP	Urinary Catheter Assembly with Valve Assembly Including a Dissolvable Valve	Patient Monitoring & Recovery - PMR - Mansfield | Urology | Other Urology	Green, Kurt (MITG-KEG)
H-KN-01089EPDIV	EP	14152055.1		EP2724744	06/30/2008	06/23/2009			Divisional	Active	Published	Covidien LP	Covidien LP	VALVE ASSEMBLY INCLUDING A DISSOLVABLE VALVE MEMBER	Patient Monitoring & Recovery - PMR - Mansfield | Urology | Other Urology	Green, Kurt (MITG-KEG)
H-KN-01089FR01	FR	09163472.5	2140903		06/30/2008	06/23/2009	09/02/2015	06/23/2029	National Stage	Active	Issued	Covidien LP	Covidien LP	Urinary Catheter Assembly with Valve Assembly Including a Dissolvable Valve	Patient Monitoring & Recovery - PMR - Mansfield | Urology | Other Urology	Green, Kurt (MITG-KEG)
H-KN-01089GB01	GB	09163472.5	2140903		06/30/2008	06/23/2009	09/02/2015	06/23/2029	National Stage	Active	Issued	Covidien LP	Covidien LP	Urinary Catheter Assembly with Valve Assembly Including a Dissolvable Valve	Patient Monitoring & Recovery - PMR - Mansfield | Urology | Other Urology	Green, Kurt (MITG-KEG)
H-KN-01089JP	JP	2009-150516	5439053	2010-12251	06/30/2008	06/25/2009	12/20/2013	06/25/2029	Utility	Active	Issued	Covidien LP	Covidien LP	VALVE ASSEMBLY INCLUDING A DISSOLVABLE VALVE MEMBER	Patient Monitoring & Recovery - PMR - Mansfield | Urology | Other Urology	Green, Kurt (MITG-KEG)
H-KN-01089MX	MX	MX/a/2009/006968	316826		06/30/2008	06/25/2009	01/07/2014	06/25/2029	Utility	Active	Issued	Covidien LP	Covidien LP	VALVE ASSEMBLY INCLUDING A DISSOLVABLE VALVE MEMBER	Patient Monitoring & Recovery - PMR - Mansfield | Urology | Other Urology	Green, Kurt (MITG-KEG)
H-KN-01089US1	US	12/485205	8518019	2009-0326483-A1	06/30/2008	06/16/2009	08/27/2013	05/26/2031	Utility	Active	Issued	Covidien LP	Covidien LP	Valve Assembly Including a Dissolvable Valve Member	Patient Monitoring & Recovery - PMR - Mansfield | Urology | Other Urology	Green, Kurt (MITG-KEG)
H-KN-01089US2	US	13/932349	8876801	20130310811	06/30/2008	07/01/2013	11/04/2014	06/16/2029	Continuation	Active	Issued	Covidien LP	Covidien LP	Apparatus, System and Method for a Dissolvable Valve Member	Patient Monitoring & Recovery - PMR - Mansfield | Urology | Other Urology	Green, Kurt (MITG-KEG)
7056US	US	10/154512	7118559	20030220601	05/24/2002	05/24/2002	10/10/2006	09/26/2023	Utility	Active	Issued	Covidien LP	Covidien LP	BLOOD FLUID COLLECTION APPARATUS	Patient Monitoring & Recovery - PMR - Mansfield | Monitoring & Operating Room | Other MORP	Griffin, Mary Jo (griffm9)
H-KN-01100AU	AU	2010201011	2010201011		04/16/2009	03/16/2010	06/19/2014	03/16/2030	Utility	Active	Issued	Covidien LP	Covidien LP	IUPC Introducer	Patient Monitoring & Recovery - PMR - Mansfield | Monitoring & Operating Room | Other MORP	Griffin, Mary Jo (griffm9); D'Elia, Linda (delial1); Callahan, Mark (MITG-MJC)
H-KN-01100CA	CA	2696218		2696218	04/16/2009	03/09/2010			Utility	Active	Published	Covidien LP	Covidien LP	IUPC Introducer	Patient Monitoring & Recovery - PMR - Mansfield | Monitoring & Operating Room | Other MORP	Griffin, Mary Jo (griffm9); D'Elia, Linda (delial1); Callahan, Mark (MITG-MJC)
H-KN-01100EP	EP	10156868.8		EP2240232	04/16/2009	03/09/2010			Utility	Active	Allowed-Receipt	Covidien LP	Covidien LP	IUPC Introducer	Patient Monitoring & Recovery - PMR - Mansfield | Monitoring & Operating Room | Other MORP	Griffin, Mary Jo (griffm9); D'Elia, Linda (delial1); Callahan, Mark (MITG-MJC)
H-KN-01100JP	JP	2010-86589	5826462	2010-246911	04/16/2009	04/02/2010	10/23/2015	04/02/2030	Utility	Active	Issued	Covidien LP	Covidien LP	IUPC Introducer	Patient Monitoring & Recovery - PMR - Mansfield | Monitoring & Operating Room | Other MORP	Griffin, Mary Jo (griffm9); D'Elia, Linda (delial1); Callahan, Mark (MITG-MJC)
H-KN-01100US	US	12/424707	9,421,346	20100268123	04/16/2009	04/16/2009	08/23/2016	11/26/2032	Utility	Active	Issued	Covidien LP	Covidien LP	IUPC Introducer	Patient Monitoring & Recovery - PMR - Mansfield | Monitoring & Operating Room | Other MORP	Griffin, Mary Jo (griffm9); D'Elia, Linda (delial1); Callahan, Mark (MITG-MJC)
27158AU	AU	2005292492	2005292492		09/29/2004	09/09/2005	06/08/2012	09/09/2025	National Stage	Active	Issued	Covidien LP	Covidien LP	Intrauterine Pressure Catheter Interface Cable System	Patient Monitoring & Recovery - PMR - Mansfield | Monitoring & Operating Room | Other MORP	Griffin, Mary Jo (griffm9); Low, Stewart (MITG-SWL3); Zaiken, Eliot (MITG-EJZ)
27158AUDIV1	AU	2011218620	2011218620		09/29/2004	08/29/2011	11/15/2012	09/09/2025	Divisional	Active	Issued	Covidien LP	Covidien LP	Intrauterine Pressure Catheter Interface Cable System	Patient Monitoring & Recovery - PMR - Mansfield | Monitoring & Operating Room | Other MORP	Griffin, Mary Jo (griffm9); Low, Stewart (MITG-SWL3); Zaiken, Eliot (MITG-EJZ)
27158AUDIV2	AU	2011218638	2011218638		09/29/2004	08/29/2011	11/15/2012	09/09/2025	Divisional	Active	Issued	Covidien LP	Covidien LP	Intrauterine Pressure Catheter Interface Cable System	Patient Monitoring & Recovery - PMR - Mansfield | Monitoring & Operating Room | Other MORP	Griffin, Mary Jo (griffm9); Low, Stewart (MITG-SWL3); Zaiken, Eliot (MITG-EJZ)
27158BR	BR	PI0515945-8		1962	09/29/2004	09/09/2005			National Stage	Active	Published	Covidien LP	Covidien LP	Intrauterine Pressure Catheter Interface Cable System	Patient Monitoring & Recovery - PMR - Mansfield | Monitoring & Operating Room | Other MORP	Griffin, Mary Jo (griffm9); Low, Stewart (MITG-SWL3); Zaiken, Eliot (MITG-EJZ)
27158CA	CA	2581283	2581283	2581283	09/29/2004	09/09/2005	01/22/2013	09/09/2025	National Stage	Active	Issued	Covidien LP	Covidien LP	Intrauterine Pressure Catheter Interface Cable System	Patient Monitoring & Recovery - PMR - Mansfield | Monitoring & Operating Room | Other MORP	Griffin, Mary Jo (griffm9); Low, Stewart (MITG-SWL3); Zaiken, Eliot (MITG-EJZ)

PATENT
REEL: 044126 FRAME: 0863

Matter #	Country	App #	Patent #	Pub #	Priority Date	App Date	Issue Date	Expiration Date	Matter Sub-Type	Status	Sub Status	Current Owner	Assignee	Title	Business Classification	Inventors
27158CN	CN	200580033003.4	ZL200580033003.4	CN101031235A	09/29/2004	09/09/2005	08/18/2010	09/09/2025	National Stage	Active	Issued	Covidien LP	Covidien LP	Intrauterine Pressure Catheter Interface Cable System	Patient Monitoring & Recovery - PMR - Mansfield | Monitoring & Operating Room | Other MORP	Griffin, Mary Jo (griffm9); Low, Stewart (MITG-SWL3); Zaiken, Eliot (MITG-EJZ)
27158DE01	DE	05796875.2	602005044149.2		09/29/2004	09/09/2005	07/09/2014	09/09/2025	National Stage	Active	Issued	Covidien LP	Covidien LP	Intrauterine Pressure Catheter Interface Cable System	Patient Monitoring & Recovery - PMR - Mansfield | Monitoring & Operating Room | Other MORP	Griffin, Mary Jo (griffm9); Low, Stewart (MITG-SWL3); Zaiken, Eliot (MITG-EJZ)
27158EP01	EP	14176070.2		2813177	09/29/2004	09/09/2005			Divisional	Active	Published	Covidien LP	Covidien LP	Intrauterine Pressure Catheter Interface Cable System	Patient Monitoring & Recovery - PMR - Mansfield | Monitoring & Operating Room | Other MORP	Griffin, Mary Jo (griffm9); Low, Stewart (MITG-SWL3); Zaiken, Eliot (MITG-EJZ)
27158ES01	ES	05796875.2	1809166		09/29/2004	09/09/2005	07/09/2014	09/09/2025	National Stage	Active	Issued	Covidien LP	Covidien LP	Intrauterine Pressure Catheter Interface Cable System	Patient Monitoring & Recovery - PMR - Mansfield | Monitoring & Operating Room | Other MORP	Griffin, Mary Jo (griffm9); Low, Stewart (MITG-SWL3); Zaiken, Eliot (MITG-EJZ)
27158FR01	FR	05796875.2	1809166		09/29/2004	09/09/2005	07/09/2014	09/09/2025	National Stage	Active	Issued	Covidien LP	Covidien LP	Intrauterine Pressure Catheter Interface Cable System	Patient Monitoring & Recovery - PMR - Mansfield | Monitoring & Operating Room | Other MORP	Griffin, Mary Jo (griffm9); Low, Stewart (MITG-SWL3); Zaiken, Eliot (MITG-EJZ)
27158GB01	GB	05796875.2	1809166		09/29/2004	09/09/2005	07/09/2014	09/09/2025	National Stage	Active	Issued	Covidien LP	Covidien LP	Intrauterine Pressure Catheter Interface Cable System	Patient Monitoring & Recovery - PMR - Mansfield | Monitoring & Operating Room | Other MORP	Griffin, Mary Jo (griffm9); Low, Stewart (MITG-SWL3); Zaiken, Eliot (MITG-EJZ)
27158IE01	IE	05796875.2	1809166		09/29/2004	09/09/2005	07/09/2014	09/09/2025	National Stage	Active	Issued	Covidien LP	Covidien LP	Intrauterine Pressure Catheter Interface Cable System	Patient Monitoring & Recovery - PMR - Mansfield | Monitoring & Operating Room | Other MORP	Griffin, Mary Jo (griffm9); Low, Stewart (MITG-SWL3); Zaiken, Eliot (MITG-EJZ)
27158JP	JP	2007-533522	4759567	2008/514278	09/29/2004	09/09/2005	06/10/2011	09/09/2025	National Stage	Active	Issued	Covidien LP	Covidien LP	Intrauterine Pressure Catheter Interface Cable System	Patient Monitoring & Recovery - PMR - Mansfield | Monitoring & Operating Room | Other MORP	Griffin, Mary Jo (griffm9); Low, Stewart (MITG-SWL3); Zaiken, Eliot (MITG-EJZ)
27158JPDIV	JP	2011-59945	5468036	2011-143263	09/29/2004	09/09/2005	02/07/2014	09/09/2025	National Stage	Active	Issued	Covidien LP	Covidien LP	Intrauterine Pressure Catheter Interface Cable System	Patient Monitoring & Recovery - PMR - Mansfield | Monitoring & Operating Room | Other MORP	Griffin, Mary Jo (griffm9); Low, Stewart (MITG-SWL3); Zaiken, Eliot (MITG-EJZ)
27158JPDIV1	JP	2013-167366	5844778	2014-429	09/29/2004	09/09/2005	11/27/2015	09/09/2025	National Stage	Active	Issued	Covidien LP	Covidien LP	Intrauterine Pressure Catheter Interface Cable System	Patient Monitoring & Recovery - PMR - Mansfield | Monitoring & Operating Room | Other MORP	Griffin, Mary Jo (griffm9); Low, Stewart (MITG-SWL3); Zaiken, Eliot (MITG-EJZ)
27158MX	MX	MX/a/2007/003550	327381		09/29/2004	09/09/2005	01/29/2015	09/09/2025	National Stage	Active	Issued	Covidien LP	Covidien LP	Intrauterine Pressure Catheter Interface Cable System	Patient Monitoring & Recovery - PMR - Mansfield | Monitoring & Operating Room | Other MORP	Griffin, Mary Jo (griffm9); Low, Stewart (MITG-SWL3); Zaiken, Eliot (MITG-EJZ)
27158MX01	MX	MX/a/2014/010317			09/29/2004	09/09/2005			Divisional	Active	Filed	Covidien LP	Covidien LP	Intrauterine Pressure Catheter Interface Cable System	Patient Monitoring & Recovery - PMR - Mansfield | Monitoring & Operating Room | Other MORP	Griffin, Mary Jo (griffm9); Low, Stewart (MITG-SWL3); Zaiken, Eliot (MITG-EJZ)
27158NZDIV	NZ	586603	586603	1596	09/29/2004	09/09/2005	10/08/2012	09/09/2025	National Stage	Active	Issued	Covidien LP	Covidien LP	Intrauterine Pressure Catheter Interface Cable System	Patient Monitoring & Recovery - PMR - Mansfield | Monitoring & Operating Room | Other MORP	Griffin, Mary Jo (griffm9); Low, Stewart (MITG-SWL3); Zaiken, Eliot (MITG-EJZ)
27158NZDIV2	NZ	597897	597897	1598	09/29/2004	09/09/2005	12/11/2012	09/09/2025	Divisional	Active	Issued	Covidien LP	Covidien LP	Intrauterine Pressure Catheter Interface Cable System	Patient Monitoring & Recovery - PMR - Mansfield | Monitoring & Operating Room | Other MORP	Griffin, Mary Jo (griffm9); Low, Stewart (MITG-SWL3); Zaiken, Eliot (MITG-EJZ)
27158US	US	10/952942	8491503	20060073728	09/29/2004	09/29/2004	07/23/2013	06/19/2028	Utility	Active	Issued	Covidien LP	Covidien LP	INTRAUTERINE PRESSURE CATHETER INTERFACE CABLE SYSTEM	Patient Monitoring & Recovery - PMR - Mansfield | Monitoring & Operating Room | Other MORP	Griffin, Mary Jo (griffm9); Low, Stewart (MITG-SWL3); Zaiken, Eliot (MITG-EJZ)
H-KN-00215DE	DE	07253203.9	60 2007 003 906.1-08	1891997	08/21/2006	08/15/2007	12/23/2009	08/15/2027	National Stage	Active	Issued	Covidien LP	Covidien LP	Compliant Guard for Use with an Aspiration Instrument	Patient Monitoring & Recovery - PMR - Mansfield | Monitoring & Operating Room | Other MORP	Guitarini, Mark (MITG-MG3); Callahan, Mark (MITG-MJC)
H-KN-00215FR	FR	07253203.9	1891997	1891997	08/21/2006	08/15/2007	12/23/2009	08/15/2027	National Stage	Active	Issued	Covidien LP	Covidien LP	Compliant Guard for Use with an Aspiration Instrument	Patient Monitoring & Recovery - PMR - Mansfield | Monitoring & Operating Room | Other MORP	Guitarini, Mark (MITG-MG3); Callahan, Mark (MITG-MJC)
H-KN-00215GB	GB	07253203.9	1891997	1891997	08/21/2006	08/15/2007	12/23/2009	08/15/2027	National Stage	Active	Issued	Covidien LP	Covidien LP	Compliant Guard for Use with an Aspiration Instrument	Patient Monitoring & Recovery - PMR - Mansfield | Monitoring & Operating Room | Other MORP	Guitarini, Mark (MITG-MG3); Callahan, Mark (MITG-MJC)
H-KN-00215JP	JP	2007-213167	5410662	2008-49161	08/21/2006	08/17/2007	11/15/2013	08/17/2027	Utility	Active	Issued	Covidien LP	Covidien LP	Compliant Guard for Use with an Aspiration Instrument	Patient Monitoring & Recovery - PMR - Mansfield | Monitoring & Operating Room | Other MORP	Guitarini, Mark (MITG-MG3); Callahan, Mark (MITG-MJC)
H-KN-00215US	US	11/507212	7918835	20080045885	08/21/2006	08/21/2006	04/05/2011	11/22/2026	Utility	Active	Issued	Covidien LP	Covidien LP	Compliant Guard for Use with an Aspiration Instrument	Patient Monitoring & Recovery - PMR - Mansfield | Monitoring & Operating Room | Other MORP	Guitarini, Mark (MITG-MG3); Callahan, Mark (MITG-MJC)
H-KN-01365US	US	29/346740	D616940		11/05/2009	11/05/2009	06/01/2010	06/01/2024	Design	Active	Issued	Covidien LP	Covidien LP	Tape Dispenser	Patient Monitoring & Recovery - PMR - Mansfield | Wound Care | Other Wound Care	Gutierrez, Carlos (gutiec10); Guerriero, Viviana (guerrv4); Cote, Steven (cotes2)
356059US01	US	29/520604	D773059		03/16/2015	03/16/2015	11/29/2016	11/29/2030	Design	Active	Issued	Covidien LP	Covidien LP	Sacral Wound Dressing	Patient Monitoring & Recovery - PMR - Mansfield | Wound Care | Traditional Wound Care | General Traditional WC	Gutierrez, Carlos (gutiec10); Kanchagar, Anand (MITG-APK)
356107.US03	US	15/411,524			01/22/2016	01/20/2017			Utility	Active	Filed	Covidien LP	Covidien LP	ABSORBENT ARTICLES INCLUDING SILICONE	Patient Monitoring & Recovery - PMR - Mansfield | Wound Care | Traditional Wound Care | General Traditional WC	Gutierrez, Carlos (gutiec10); Kanchagar, Anand (MITG-APK)
356124.US03	US	15/411,477			01/22/2016	01/20/2017			Utility	Active	Filed	Covidien LP	Covidien LP	ABSORBENT ARTICLES WITH NON-ADHERENT MEMBER	Patient Monitoring & Recovery - PMR - Mansfield | Wound Care | Traditional Wound Care | Non-Adherent	Gutierrez, Carlos (gutiec10); Kanchagar, Anand (MITG-APK)

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Matter #	Country	App #	Patent #	Pub #	Priority Date	App Date	Issue Date	Expiration Date	Matter Sub-Type	Status	Sub Status	Current Owner	Assignee	Title	Business Classification	Inventors
356210US01	US	29/520605	D774200		03/16/2015	03/16/2015	12/13/2016	12/13/2030	Design	Active	Issued	Covidien LP	Covidien LP	Sacral Wound Dressing	Patient Monitoring & Recovery - PMR - Mansfield | Wound Care | Traditional Wound Care | General Traditional WC	Gutierrez, Carlos (gutiec10); Kanchagar, Anand (MITG-APK)
356211US01	US	29/520606	D774201		03/16/2015	03/16/2015	12/13/2016	12/13/2030	Design	Active	Issued	Covidien LP	Covidien LP	Sacral Wound Dressing	Patient Monitoring & Recovery - PMR - Mansfield | Wound Care | Traditional Wound Care | General Traditional WC	Gutierrez, Carlos (gutiec10); Kanchagar, Anand (MITG-APK)
H-KN-03113CN01	CN	201510039320.2		CN104814831A	01/30/2014	01/27/2015			Utility	Active	Published	Covidien LP	Covidien LP	Preparation of Occlusive Dressings	Patient Monitoring & Recovery - PMR - Mansfield | Wound Care | Other Wound Care	Gutierrez, Carlos (gutiec10); Kanchagar, Anand (MITG-APK)
H-KN-03113US01	US	14/608363		20150209187	01/30/2014	01/29/2015			Utility	Active	Published	Covidien LP	Covidien LP	Preparation of Occlusive Dressings	Patient Monitoring & Recovery - PMR - Mansfield | Wound Care | Other Wound Care	Gutierrez, Carlos (gutiec10); Kanchagar, Anand (MITG-APK)
356550.CND3	CN	201630261598.X	ZL 201630261598.X	CN303952119S	12/21/2015	06/21/2016	11/30/2016	06/21/2026	Design	Active	Issued	Covidien LP	Covidien LP	Sacral Wound Dressing	Patient Monitoring & Recovery - PMR - Mansfield | Wound Care | Traditional Wound Care | General Traditional WC	Gutierrez, Carlos (gutiec10); Narvekar, Vishal (narvev1); Kanchagar, Anand (MITG-APK)
356550.EUD4	EU	003229731	003229731.0001		12/21/2015	06/20/2016	12/05/2016	06/20/2041	Design	Active	Issued	Covidien LP	Covidien LP	Sacral Wound Dressing	Patient Monitoring & Recovery - PMR - Mansfield | Wound Care | Traditional Wound Care | General Traditional WC	Gutierrez, Carlos (gutiec10); Narvekar, Vishal (narvev1); Kanchagar, Anand (MITG-APK)
356550.EUD6	EU	003229731	003229731.0002		12/21/2015	06/20/2016	09/14/2016	06/20/2041	Design	Active	Issued	Covidien LP	Covidien LP	Sacral Wound Dressing	Patient Monitoring & Recovery - PMR - Mansfield | Wound Care | Traditional Wound Care | General Traditional WC	Gutierrez, Carlos (gutiec10); Narvekar, Vishal (narvev1); Kanchagar, Anand (MITG-APK)
356550.EUD7	EU	003229731	003229731.0003		12/21/2015	06/20/2016	09/14/2016	09/20/2041	Design	Active	Issued	Covidien LP	Covidien LP	Sacral Wound Dressing	Patient Monitoring & Recovery - PMR - Mansfield | Wound Care | Traditional Wound Care | General Traditional WC	Gutierrez, Carlos (gutiec10); Narvekar, Vishal (narvev1); Kanchagar, Anand (MITG-APK)
356550US01	US	29/549277	D773060		12/21/2015	12/21/2015	11/29/2016	11/29/2031	Design	Active	Issued	Covidien LP	Covidien LP	Sacral Wound Dressing	Patient Monitoring & Recovery - PMR - Mansfield | Wound Care | Traditional Wound Care | General Traditional WC	Gutierrez, Carlos (gutiec10); Narvekar, Vishal (narvev1); Kanchagar, Anand (MITG-APK)
H-NS-00096AU	AU	2009200796	2009200796		02/29/2008	02/27/2009	03/29/2012	02/27/2029	Utility	Active	Issued	Covidien LP	Covidien LP	Device and Medical Instrument for Preventing Excessive Insertion of a Rod-Like Member	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Access	Harada, Hisataka (haradh2)
H-NS-00108DE	DE	09008041.7	602009005406.6	2138108	06/24/2008	06/19/2009	02/22/2012	06/19/2029	National Stage	Active	Issued	Covidien LP	Covidien LP	PUNCTURING NEEDLE ASSISTING TOOL	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Access	Harada, Hisataka (haradh2); Igarashi, Satoru (igaras3); Funamura, Shigeaki (MITG-SF6); ABE, Kazuhiro (MITG-KA4)
H-NS-00108FR	FR	09008041.7	2138108	2138108	06/24/2008	06/19/2009	02/22/2012	06/19/2029	National Stage	Active	Issued	Covidien LP	Covidien LP	PUNCTURING NEEDLE ASSISTING TOOL	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Access	Harada, Hisataka (haradh2); Igarashi, Satoru (igaras3); Funamura, Shigeaki (MITG-SF6); ABE, Kazuhiro (MITG-KA4)
H-NS-00108GB	GB	09008041.7	2138108	2138108	06/24/2008	06/19/2009	02/22/2012	06/19/2029	National Stage	Active	Issued	Covidien LP	Covidien LP	PUNCTURING NEEDLE ASSISTING TOOL	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Access	Harada, Hisataka (haradh2); Igarashi, Satoru (igaras3); Funamura, Shigeaki (MITG-SF6); ABE, Kazuhiro (MITG-KA4)
H-NS-00108US	US	12/487108	8968343	20090318939	06/24/2008	06/18/2009	03/03/2015	08/31/2028	Utility	Active	Issued	Covidien LP	Covidien LP	PUNCTURING NEEDLE ASSISTING TOOL	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Access	Harada, Hisataka (haradh2); Igarashi, Satoru (igaras3); Funamura, Shigeaki (MITG-SF6); ABE, Kazuhiro (MITG-KA4)
H-NS-00078CA	CA	2620524	2620524	2620524	02/20/2007	02/07/2008	06/02/2015	02/07/2028	Utility	Active	Issued	Covidien LP	Covidien LP	Auxiliary Device for Puncture Needle	Patient Monitoring & Recovery - PMR - Mansfield | Monitoring & Operating Room | Other MORP	Harada, Hisataka (haradh2); KOIKE, Kazuhiro (MITG-KK8); FURUKAWA, Mihoko (MITG-MF5)
H-NS-00078US1	US	13/207655	8500758	20110295280	02/20/2007	08/11/2011	08/06/2013	02/19/2028	Continuation	Active	Issued	Covidien LP	Covidien LP	Auxilary Device for a Puncture Needle	Patient Monitoring & Recovery - PMR - Mansfield | Monitoring & Operating Room | Other MORP	Harada, Hisataka (haradh2); KOIKE, Kazuhiro (MITG-KK8); FURUKAWA, Mihoko (MITG-MF5)
H-NS-00069CA	CA	2605023	2605023	2605023	10/05/2006	10/01/2007	12/21/2010	10/01/2027	Utility	Active	Issued	Covidien LP	Covidien LP	Medical Suturing tool with Multiple Puncture Needles	Patient Monitoring & Recovery - PMR - Mansfield | Diagnostic	Harada, Hisataka (haradh2); Mikami, Hidetomo (mikamh1); SUZUKI, Mihoko (MITG-MS10)
H-NS-00069US	US	11/867742	8876840	20080255591	10/05/2006	10/05/2007	11/04/2014	01/25/2030	Utility	Active	Issued	Covidien LP	Covidien LP	Medical Suturing tool with Multiple Puncture Needles	Patient Monitoring & Recovery - PMR - Mansfield | Diagnostic	Harada, Hisataka (haradh2); Mikami, Hidetomo (mikamh1); SUZUKI, Mihoko (MITG-MS10)
H-KN-00507AU	AU	2010214657	2010214657		09/10/2009	08/25/2010	02/13/2014	08/25/2030	Utility	Active	Issued	Covidien LP	Covidien LP	Compact Peristaltic Medical Pump	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Feeding	Harr, James (harrj1)
H-KN-00507CA	CA	2712751	2712751	2712751	09/10/2009	08/13/2010	10/29/2013	08/13/2030	Utility	Active	Issued	Covidien LP	Covidien LP	Compact Peristaltic Medical Pump	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Feeding	Harr, James (harrj1)
H-KN-00507CH	CH	10008823.6	2308528	2308528	09/10/2009	08/25/2010	10/16/2013	08/25/2030	National Stage	Active	Issued	Covidien LP	Covidien LP	Compact Peristaltic Medical Pump	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Feeding	Harr, James (harrj1)
H-KN-00507CN	CN	201010281102.7	ZL201010281102.7	CN201010281102.7	09/10/2009	09/09/2010	03/25/2015	09/09/2030	Utility	Active	Issued	Covidien LP	Covidien LP	Compact Peristaltic Medical Pump	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Feeding	Harr, James (harrj1)
H-KN-00507DE	DE	10008823.6	602010010911.9	2308528	09/10/2009	08/25/2010	10/16/2013	08/25/2030	National Stage	Active	Issued	Covidien LP	Covidien LP	Compact Peristaltic Medical Pump	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Feeding	Harr, James (harrj1)
H-KN-00507FR	FR	10008823.6	2308528	2308528	09/10/2009	08/25/2010	10/16/2013	08/25/2030	National Stage	Active	Issued	Covidien LP	Covidien LP	Compact Peristaltic Medical Pump	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Feeding	Harr, James (harrj1)
H-KN-00507GB	GB	10008823.6	2308528	2308528	09/10/2009	08/25/2010	10/16/2013	08/25/2030	National Stage	Active	Issued	Covidien LP	Covidien LP	Compact Peristaltic Medical Pump	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Feeding	Harr, James (harrj1)

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Matter #	Country	App #	Patent #	Pub #	Priority Date	App Date	Issue Date	Expiration Date	Matter Sub-Type	Status	Sub Status	Current Owner	Assignee	Title	Business Classification	Inventors
H-KN-00507MX	MX	MX/a/2010/009397	313249		09/10/2009	08/26/2010	09/12/2013	08/26/2030	Utility	Active	Issued	Covidien LP	Covidien LP	Compact Peristaltic Medical Pump	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Feeding	Harr, James (harrj1)
H-KN-00507US	US	12/557351	8241018	20110060284	09/10/2009	09/10/2009	08/14/2012	06/18/2030	Utility	Active	Issued	Covidien LP	Covidien LP	Compact Peristaltic Medical Pump	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Feeding	Harr, James (harrj1)
H-KN-00507US1	US	13/540914	8882481	20120269655	09/10/2009	07/03/2012	11/11/2014	08/06/2030	Continuation	Active	Issued	Covidien LP	Covidien LP	Compact Peristaltic Medical Pump	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Feeding	Harr, James (harrj1)
H-KN-01111CN	CN	201010148589.1	ZL201010148589.1	CN101822869A	02/19/2009	02/11/2010	02/19/2014	02/11/2030	Utility	Active	Issued	Covidien LP	Covidien LP	MANUAL VALVE ACTUATOR FOR MEDICAL FLUID DELIVERY SET	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Feeding	Harr, James (harrj1)
H-KN-01111TH	TH	1001000231		109230	02/19/2009	02/15/2010			Utility	Active	Published	Covidien LP	Covidien LP	MANUAL VALVE ACTUATOR FOR MEDICAL FLUID DELIVERY SET	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Feeding	Harr, James (harrj1)
H-KN-02875.AUN2	AU	2014326970			09/24/2013	09/24/2014			National Stage	Active	Filed	Covidien LP	Covidien LP	Feeding Set and Enteral Feeding Pump	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Feeding	Harr, James (harrj1)
H-KN-02875.CAN3	CA	2925086			09/24/2013	09/24/2014			National Stage	Active	Filed	Covidien LP	Covidien LP	Feeding Set and Enteral Feeding Pump	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Feeding	Harr, James (harrj1)
H-KN-02875.CNN4	CN	201480052200.X		CN105579080A	09/24/2013	09/24/2014			National Stage	Active	Published	Covidien LP	Covidien LP	Feeding Set and Enteral Feeding Pump	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Feeding	Harr, James (harrj1)
H-KN-02875.EPN6	EP	14780738.2		EP3049127	09/24/2013	09/24/2014			National Stage	Active	Published	Covidien LP	Covidien LP	Feeding Set and Enteral Feeding Pump	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Feeding	Harr, James (harrj1)
H-KN-02875.MXN5	MX	MX/a/2016/003426			09/24/2013	09/24/2014			National Stage	Active	Filed	Covidien LP	Covidien LP	Feeding Set and Enteral Feeding Pump	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Feeding	Harr, James (harrj1)
H-KN-02875US01	US	14/494993		20150088058	09/24/2013	09/24/2014			Utility	Active	Published	Covidien LP	Covidien LP	Feeding Set and Enteral Feeding Pump	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Feeding	Harr, James (harrj1)
H-KN-01111EP	EP	10153984.9		2221084	02/19/2009	02/18/2010			Utility	Active	Published	Covidien LP	Covidien LP	MANUAL VALVE ACTUATOR FOR MEDICAL FLUID DELIVERY SET	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Feeding	Harr, James (harrj1); Breitweiser, Kenneth (breitk1)
H-KN-01111KR	KR	10-2010-0014492	10-1674684	1020100094950	02/19/2009	02/18/2010	11/03/2016	02/18/2030	Utility	Active	Issued	Covidien LP	Covidien LP	MANUAL VALVE ACTUATOR FOR MEDICAL FLUID DELIVERY SET	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Feeding	Harr, James (harrj1); Breitweiser, Kenneth (breitk1)
H-KN-01111US	US	12/389119	9114243	20100211022	02/19/2009	02/19/2009	08/25/2015	04/28/2032	Utility	Active	Issued	Covidien LP	Covidien LP	Manual Valve Actuator for Medical Fluid Delivery Set	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Feeding	Harr, James (harrj1); Breitweiser, Kenneth (breitk1)
H-KN-00012CN	CN	200810184928.4	200810184928	CN101474065A	12/31/2007	12/23/2008	11/16/2011	12/23/2028	Utility	Active	Issued	Covidien LP	Covidien LP	Thermometer Having Molded Probe Component	Patient Monitoring & Recovery - PMR - Mansfield | Thermometry | Other Thermometry	Harr, James (harrj1); Gierer, Joseph (MITG-JTG)
H-KN-00012DE01	DE	08169983.7	2075559		12/31/2007	11/26/2008	10/15/2014	11/26/2028	National Stage	Active	Issued	Covidien LP	Covidien LP	Thermometer Having Molded Probe Component	Patient Monitoring & Recovery - PMR - Mansfield | Thermometry | Other Thermometry	Harr, James (harrj1); Gierer, Joseph (MITG-JTG)
H-KN-00012FR01	FR	08169983.7	2075559		12/31/2007	11/26/2008	10/15/2014	11/26/2028	National Stage	Active	Issued	Covidien LP	Covidien LP	Thermometer Having Molded Probe Component	Patient Monitoring & Recovery - PMR - Mansfield | Thermometry | Other Thermometry	Harr, James (harrj1); Gierer, Joseph (MITG-JTG)
H-KN-00012GB01	GB	08169983.7	2075559		12/31/2007	11/26/2008	10/15/2014	11/26/2028	National Stage	Active	Issued	Covidien LP	Covidien LP	Thermometer Having Molded Probe Component	Patient Monitoring & Recovery - PMR - Mansfield | Thermometry | Other Thermometry	Harr, James (harrj1); Gierer, Joseph (MITG-JTG)
H-KN-00012JP	JP	2008-328759	5148468	2009-162752	12/31/2007	12/24/2008	12/07/2012	12/24/2028	Utility	Active	Issued	Covidien LP	Covidien LP	Thermometer Having Molded Probe Component	Patient Monitoring & Recovery - PMR - Mansfield | Thermometry | Other Thermometry	Harr, James (harrj1); Gierer, Joseph (MITG-JTG)
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	Covidien LP	Covidien LP	FETAL SPIRAL ELECTRODE SLEEVE AND WIRE INTERCONNECT SYSTEM	Patient Monitoring & Recovery - PMR - Mansfield | Monitoring & Operating Room | Other MORP	Haug, Brian (MITG-BEH); McIntire, James Francis (MITG-JM29); O'Neill, Joseph (MITG-JTO); Graumann, Robert (MITG-RJG2); Dowd, Edward (MITG-ED4)
27137ES	ES	01918870.5	2236205	1265526	03/21/2000	03/20/2001	12/16/2004	03/20/2021	National Stage	Active	Issued	Covidien LP	Covidien LP	FETAL SPIRAL ELECTRODE SLEEVE AND WIRE INTERCONNECT SYSTEM	Patient Monitoring & Recovery - PMR - Mansfield | Monitoring & Operating Room | Other MORP	Haug, Brian (MITG-BEH); McIntire, James Francis (MITG-JM29); O'Neill, Joseph (MITG-JTO); Graumann, Robert (MITG-RJG2); Dowd, Edward (MITG-ED4)
27137FR	FR	01918870.5	1265526	1265526	03/21/2000	03/20/2001	12/16/2004	03/20/2021	National Stage	Active	Issued	Covidien LP	Covidien LP	FETAL SPIRAL ELECTRODE SLEEVE AND WIRE INTERCONNECT SYSTEM	Patient Monitoring & Recovery - PMR - Mansfield | Monitoring & Operating Room | Other MORP	Haug, Brian (MITG-BEH); McIntire, James Francis (MITG-JM29); O'Neill, Joseph (MITG-JTO); Graumann, Robert (MITG-RJG2); Dowd, Edward (MITG-ED4)
27137GB	GB	01918870.5	1265526	1265526	03/21/2000	03/20/2001	12/16/2004	03/20/2021	National Stage	Active	Issued	Covidien LP	Covidien LP	FETAL SPIRAL ELECTRODE SLEEVE AND WIRE INTERCONNECT SYSTEM	Patient Monitoring & Recovery - PMR - Mansfield | Monitoring & Operating Room | Other MORP	Haug, Brian (MITG-BEH); McIntire, James Francis (MITG-JM29); O'Neill, Joseph (MITG-JTO); Graumann, Robert (MITG-RJG2); Dowd, Edward (MITG-ED4)
27137IT	IT	01918870.5	1265526	1265526	03/21/2000	03/20/2001	12/16/2004	03/20/2021	National Stage	Active	Issued	Covidien LP	Covidien LP	FETAL SPIRAL ELECTRODE SLEEVE AND WIRE INTERCONNECT SYSTEM	Patient Monitoring & Recovery - PMR - Mansfield | Monitoring & Operating Room | Other MORP	Haug, Brian (MITG-BEH); McIntire, James Francis (MITG-JM29); O'Neill, Joseph (MITG-JTO); Graumann, Robert (MITG-RJG2); Dowd, Edward (MITG-ED4)

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Matter #	Country	App #	Patent #	Pub #	Priority Date	App Date	Issue Date	Expiration Date	Matter Sub-Type	Status	Sub Status	Current Owner	Assignee	Title	Business Classification	Inventors
27137US	US	09/533259	6321103		03/21/2000	03/21/2000	11/20/2001	03/21/2020	Utility	Active	Issued	Covidien LP	Covidien LP	FETAL SPIRAL ELECTRODE SLEEVE AND WIRE INTERCONNECT SYSTEM	Patient Monitoring & Recovery - PMR - Mansfield | Monitoring & Operating Room | Other MORP	Haug, Brian (MITG-BEH); McIntire, James Francis (MITG-JM29); O'Neill, Joseph (MITG-JTO); Graumann, Robert (MITG-RJG2); Dowd, Edward (MITG-ED4)
1821KCA	CA	2380767	2380767	2380767	09/07/1999	09/07/2000	01/11/2011	09/07/2020	National Stage	Active	Issued	Covidien LP	Covidien LP	CELL GROWTH SUBSTRATE	Patient Monitoring & Recovery - PMR - Mansfield | Wound Care | Advanced Wound Care | Other Advanced Wound Care	HEALY, DAVID (MITG-DH3); GILCHRIST, THOMAS (MITG-TG2)
1821KGB2	GB	00958809.6	1210409	1210409	09/07/1999	09/07/2000	11/29/2006	09/07/2020	National Stage	Active	Issued	Covidien LP	Covidien LP	CELL GROWTH SUBSTRATE	Patient Monitoring & Recovery - PMR - Mansfield | Wound Care | Advanced Wound Care | Other Advanced Wound Care	HEALY, DAVID (MITG-DH3); GILCHRIST, THOMAS (MITG-TG2)
355726US01	US								Provisional	Active	Draft	Covidien LP	Covidien LP	Non-Homogenous Fluid Recognition and Occlusion Detection Algorithm	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Feeding	Holderle, Eric (holdee3); Hudson, Joseph (hudsoj8)
H-KN-02198US	US	13/249661	8949065	20130085707	09/30/2011	09/30/2011	02/03/2015	01/15/2033	Utility	Active	Issued	Covidien LP	Covidien LP	Capactive Sensor For Thermometer Probe	Patient Monitoring & Recovery - PMR - Mansfield | Thermometry | Other Thermometry	Holderle, Eric (holdee3); Hudson, Joseph (hudsoj8)
H-KN-02919.AUN4	AU	2014312147			08/30/2013	08/29/2014			National Stage	Active	Filed	Covidien LP	Covidien LP	Enteral Feeding Pump with Pump Set Flushing and Flow Compensation	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Feeding	Holderle, Eric (holdee3); Justin, Michael (MITG-MJ2)
H-KN-02919.CAN2	CA	2922245			08/30/2013	08/29/2014		08/29/2034	National Stage	Active	Filed	Covidien LP	Covidien LP	ENTERAL FEEDING PUMP WITH PUMP SET FLUSHING AND FLOW COMPENSATION	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Feeding	Holderle, Eric (holdee3); Justin, Michael (MITG-MJ2)
H-KN-02919.CNN3	CN	201480047200.0		CN105492041A	08/30/2013	08/29/2014			National Stage	Active	Published	Covidien LP	Covidien LP	ENTERAL FEEDING PUMP WITH PUMP SET FLUSHING AND FLOW COMPENSATION	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Feeding	Holderle, Eric (holdee3); Justin, Michael (MITG-MJ2)
H-KN-02919.EPN5	EP	14766848.7		EP3038673	08/30/2013	08/29/2014			National Stage	Active	Published	Covidien LP	Covidien LP	Enteral Feeding Pump with Pump Set Flushing and Flow Compensation	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Feeding	Holderle, Eric (holdee3); Justin, Michael (MITG-MJ2)
H-KN-02919US01	US	14/472521		20150065988	08/30/2013	08/29/2014			Utility	Active	Published	Covidien LP	Covidien LP	Feeding Rate Compensated Pump and Related Methods Therefor	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Feeding	Holderle, Eric (holdee3); Justin, Michael (MITG-MJ2)
H-KN-02199EP	EP	12183796.7		2574888	09/30/2011	09/11/2012			Utility	Active	Published	Covidien LP	Covidien LP	IR Sensor For Electronic Thermometer	Patient Monitoring & Recovery - PMR - Mansfield | Thermometry | Other Thermometry	Holderle, Eric (holdee3); Lewis, Thomas (lewist7)
H-KN-02199US	US	13/249636	8292500		09/30/2011	09/30/2011	10/23/2012	09/30/2031	Utility	Active	Issued	Covidien LP	Covidien LP	IR Sensor For Electronic Thermometer	Patient Monitoring & Recovery - PMR - Mansfield | Thermometry | Other Thermometry	Holderle, Eric (holdee3); Lewis, Thomas (lewist7)
H-KN-02199US1	US	13/613842	8622613	20130083822	09/30/2011	10/16/2012	01/07/2014	09/30/2031	Continuation	Active	Issued	Covidien LP	Covidien LP	IR Sensor For Electronic Thermometer	Patient Monitoring & Recovery - PMR - Mansfield | Thermometry | Other Thermometry	Holderle, Eric (holdee3); Lewis, Thomas (lewist7)
H-KN-00445US	US	11/903582	7665150	20090077701	09/24/2007	09/24/2007	02/23/2010	11/30/2027	Utility	Active	Issued	Covidien LP	Covidien LP	Double-Cuffed Chemotherapy Gloves	Patient Monitoring & Recovery - PMR - Mansfield | Monitoring & Operating Room | Other MORP	Holley, Steven (MITG-SAH)
H-KN-00988US	US	12/365422	7866471	2010-0198166-A1	02/04/2009	02/04/2009	01/11/2011	03/08/2029	Utility	Active	Issued	Covidien LP	Covidien LP	Medical System with Skin Applicator	Patient Monitoring & Recovery - PMR - Mansfield | Monitoring & Operating Room | Other MORP	Holley, Steven (MITG-SAH); Callahan, Mark (MITG-MJC)
H-KN-02202EP	EP	12768994.1		760520	09/26/2011	09/25/2012			National Stage	Active	Published	Covidien LP	Covidien LP	Safety Catheter	Patient Monitoring & Recovery - PMR - Mansfield | Intravenous Access/Prefill | Other Intravenous Access/Prefill	Holley, Steven (MITG-SAH); Finnestad, Mark (MITG-MBF2)
H-KN-02202US1	US	13/625957	8628497	20130079720	09/26/2011	09/25/2012	01/14/2014	09/25/2032	Utility	Active	Issued	Covidien LP	Covidien LP	Safety Catheter	Patient Monitoring & Recovery - PMR - Mansfield | Intravenous Access/Prefill | Other Intravenous Access/Prefill	Holley, Steven (MITG-SAH); Finnestad, Mark (MITG-MBF2)
7041US	US	09/981167	6898465	20030074042	10/17/2001	10/17/2001	05/24/2005	01/22/2023	Utility	Active	Issued	Covidien LP	Covidien LP	DIFFERENTIAL GEL BODY FOR A MEDICAL STIMULATION ELECTRODE	Patient Monitoring & Recovery - PMR - Mansfield | Monitoring & Operating Room | Other MORP	Howland, Warren (MITG-WH10); Gadsby, Peter (MITG-PDG)
355727.USU2	US	15/141,913		US 2016-0320228 A1	04/29/2015	04/29/2016			Utility	Active	Published	Covidien LP	Covidien LP	Detection of Malfunction of Flow Monitoring System of Flow Control Apparatus	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Feeding	Hudson, Joseph (hudsoj8)
355727.WOU3	WO	PCT/US2016/029925		WO 2016/176521	04/29/2015	04/29/2016		11/29/2017	Utility	Active	Published	Covidien LP	Covidien LP	DETECTION OF MALFUNCTION OF FLOW MONITORING SYSTEM OF FLOW CONTROL APPARATUS	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Feeding	Hudson, Joseph (hudsoj8)
H-KN-02827US01	US	14/818387		US-2016-0045400-A1	08/12/2014	08/05/2015			Utility	Active	Published	Covidien LP	Covidien LP	DOWNSTREAM FLOW DETECTION SYSTEM FOR FLOW CONTROL APPARATUS	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Feeding	Hudson, Joseph (hudsoj8)
H-KN-02925.AUN2	AU	2015292569			07/25/2014	07/23/2015			National Stage	Active	Filed	Covidien LP	Covidien LP	FLOW DETECTION SYSTEM FOR FLOW CONTROL APPARATUS	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Feeding	Hudson, Joseph (hudsoj8)
H-KN-02925.CAN3	CA	AWAITING			07/25/2014	07/23/2015			National Stage	Active	Filed	Covidien LP	Covidien LP	FLOW DETECTION SYSTEM FOR FLOW CONTROL APPARATUS	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Feeding	Hudson, Joseph (hudsoj8)
H-KN-02925.EPN5	EP	15747897.5			07/25/2014	07/23/2015			National Stage	Active	Filed	Covidien LP	Covidien LP	FLOW DETECTION SYSTEM FOR FLOW CONTROL APPARATUS	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Feeding	Hudson, Joseph (hudsoj8)

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Matter #	Country	App #	Patent #	Pub #	Priority Date	App Date	Issue Date	Expiration Date	Matter Sub-Type	Status	Sub Status	Current Owner	Assignee	Title	Business Classification	Inventors
H-KN-02925JPN4	JP	2017-503837			07/25/2014	07/23/2015			National Stage	Active	Filed	Covidien LP	Covidien LP	FLOW DETECTION SYSTEM FOR FLOW CONTROL APPARATUS	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Feeding	Hudson, Joseph (hudsoj8)
H-KN-02925US01	US	14/807495		US-2016-0022546-A1	07/25/2014	07/23/2015			Utility	Active	Published	Covidien LP	Covidien LP	FLOW DETECTION SYSTEM FOR FLOW CONTROL APPARATUS	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Feeding	Hudson, Joseph (hudsoj8)
H-KN-02925WO01	WO	PCT/US2015/041696		WO/2016/014768	07/25/2014	07/23/2015		02/25/2017	Utility	Active	Published	Covidien LP	Covidien LP	FLOW DETECTION SYSTEM FOR FLOW CONTROL APPARATUS	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Feeding	Hudson, Joseph (hudsoj8)
H-KN-03066US02	US	14/882747		US 2016-0106630 A1	10/15/2014	10/14/2015			Utility	Active	Published	Covidien LP	Covidien LP	Occlusion Detection for Flow Control Apparatus	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Feeding	Hudson, Joseph (hudsoj8)
H-KN-03066WO02	WO	PCT/US2015/055486		WO 2016/061194	10/15/2014	10/14/2015		05/15/2017	Utility	Active	Published	Covidien LP	Covidien LP	Occlusion Detection for Flow Control Apparatus	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Feeding	Hudson, Joseph (hudsoj8)
27010US	US	08/969075	5947285		11/15/1996	11/12/1997	09/07/1999	11/12/2017	Utility	Active	Issued	Covidien LP	Covidien LP	MEDICAL WASTE DISPOSAL CONTAINER	Patient Monitoring & Recovery - PMR - Mansfield | Sharps Disposal | Other Sharps Disposal	Jeter, Ruane (MITG-RSJ); Gaba, Rodolfo (MITG-RG14); Gusakov, Ignaty (MITG-IG); Griffin, Michael (MITG-MG4); Mach, Brian (MITG-BM8); Marsh, Gordon (MITG-GHM)
27002US	US	09/087456	5918762		05/28/1998	05/28/1998	07/06/1999	05/28/2018	Utility	Active	Issued	Covidien LP	Covidien LP	CONTAINER INSTALLING SYSTEM	Patient Monitoring & Recovery - PMR - Mansfield | Sharps Disposal | Other Sharps Disposal	Jeter, Ruane (MITG-RSJ); Gaba, Rodolfo (MITG-RG14); Gusakov, Ignaty (MITG-IG); Griffin, Michael (MITG-MG4); Marsh, Gordon (MITG-GHM)
H-KN-00253AU	AU	2006295443	2006295443		09/22/2005	09/22/2006	12/11/2012	09/22/2026	National Stage	Active	Issued	Covidien LP	Covidien LP	Needle Retraction Structure	Patient Monitoring & Recovery - PMR - Mansfield | Blood Collection | Other Blood Collection	Jones, Scott (joness46); CLARK, GEORGE (MITG-GC3)
H-KN-00253BR	BR	P1061610-0		2109	09/22/2005	09/22/2006			National Stage	Active	Published	Covidien LP	Covidien LP	Needle Retraction Structure	Patient Monitoring & Recovery - PMR - Mansfield | Blood Collection | Other Blood Collection	Jones, Scott (joness46); CLARK, GEORGE (MITG-GC3)
H-KN-00253CA	CA	2621433	2621433	2621433	09/22/2005	09/22/2006	11/18/2014	09/22/2026	National Stage	Active	Issued	Covidien LP	Covidien LP	Needle Retraction Structure	Patient Monitoring & Recovery - PMR - Mansfield | Blood Collection | Other Blood Collection	Jones, Scott (joness46); CLARK, GEORGE (MITG-GC3)
H-KN-00253CN	CN	200680034926.6	ZL200680034926.6	CN101267855A	09/22/2005	09/22/2006	01/26/2011	09/22/2026	National Stage	Active	Issued	Covidien LP	Covidien LP	Needle Retraction Structure	Patient Monitoring & Recovery - PMR - Mansfield | Blood Collection | Other Blood Collection	Jones, Scott (joness46); CLARK, GEORGE (MITG-GC3)
H-KN-00253DE01	DE	06804064.1	602006047271.4		09/22/2005	09/22/2006	11/11/2015	09/22/2026	National Stage	Active	Issued	Covidien LP	Covidien LP	Needle Retraction Structure	Patient Monitoring & Recovery - PMR - Mansfield | Blood Collection | Other Blood Collection	Jones, Scott (joness46); CLARK, GEORGE (MITG-GC3)
H-KN-00253EP	EP	06804064.1	1933904	EP1933904	09/22/2005	09/22/2006	11/11/2015	09/22/2026	National Stage	Active	Issued	Covidien LP	Covidien LP	Needle Retraction Structure	Patient Monitoring & Recovery - PMR - Mansfield | Blood Collection | Other Blood Collection	Jones, Scott (joness46); CLARK, GEORGE (MITG-GC3)
H-KN-00253FR01	FR	06804064.1	1933904		09/22/2005	09/22/2006	11/11/2015	09/22/2026	National Stage	Active	Issued	Covidien LP	Covidien LP	Needle Retraction Structure	Patient Monitoring & Recovery - PMR - Mansfield | Blood Collection | Other Blood Collection	Jones, Scott (joness46); CLARK, GEORGE (MITG-GC3)
H-KN-00253GB01	GB	06804064.1	1933904		09/22/2005	09/22/2006	11/11/2015	09/22/2026	National Stage	Active	Issued	Covidien LP	Covidien LP	Needle Retraction Structure	Patient Monitoring & Recovery - PMR - Mansfield | Blood Collection | Other Blood Collection	Jones, Scott (joness46); CLARK, GEORGE (MITG-GC3)
H-KN-00253IN	IN	2358/DELNP/2008			09/22/2005	09/22/2006			National Stage	Active	Filed	Covidien LP	Covidien LP	Needle Retraction Structure	Patient Monitoring & Recovery - PMR - Mansfield | Blood Collection | Other Blood Collection	Jones, Scott (joness46); CLARK, GEORGE (MITG-GC3)
H-KN-00253JP	JP	2008-532432	5221354	2009-509581	09/22/2005	09/22/2006	03/15/2013	09/22/2026	National Stage	Active	Issued	Covidien LP	Covidien LP	Needle Retraction Structure	Patient Monitoring & Recovery - PMR - Mansfield | Blood Collection | Other Blood Collection	Jones, Scott (joness46); CLARK, GEORGE (MITG-GC3)
H-KN-00253MX	MX	MX/a/2008/003699	289345		09/22/2005	09/22/2006	08/16/2011	09/22/2026	National Stage	Active	Issued	Covidien LP	Covidien LP	Needle Retraction Structure	Patient Monitoring & Recovery - PMR - Mansfield | Blood Collection | Other Blood Collection	Jones, Scott (joness46); CLARK, GEORGE (MITG-GC3)
H-KN-00253US1	US	11/525377	7611486	20070066960	09/22/2005	09/22/2006	11/03/2009	11/08/2027	Utility	Active	Issued	Covidien LP	Covidien LP	Needle Retraction Structure	Patient Monitoring & Recovery - PMR - Mansfield | Blood Collection | Other Blood Collection	Jones, Scott (joness46); CLARK, GEORGE (MITG-GC3)
H-KN-00257AU	AU	2006295444	2006295444		09/22/2005	09/22/2006	06/28/2012	09/22/2026	National Stage	Active	Issued	Covidien LP	Covidien LP	Manually Retracted Safety Needle with Rigid Wing Structure	Patient Monitoring & Recovery - PMR - Mansfield | Blood Collection | Other Blood Collection	Jones, Scott (joness46); CLARK, GEORGE (MITG-GC3)
H-KN-00257BR	BR	PI0616265-7		2110	09/22/2005	09/22/2006			National Stage	Active	Published	Covidien LP	Covidien LP	Manually Retracted Safety Needle with Rigid Wing Structure	Patient Monitoring & Recovery - PMR - Mansfield | Blood Collection | Other Blood Collection	Jones, Scott (joness46); CLARK, GEORGE (MITG-GC3)
H-KN-00257CA	CA	2622109	2622109	2622109	09/22/2005	09/22/2006	07/14/2015	09/22/2026	National Stage	Active	Issued	Covidien LP	Covidien LP	Manually Retracted Safety Needle with Rigid Wing Structure	Patient Monitoring & Recovery - PMR - Mansfield | Blood Collection | Other Blood Collection	Jones, Scott (joness46); CLARK, GEORGE (MITG-GC3)
H-KN-00257CN	CN	200680038736.1	ZL200680038736.1	CN101330937A	09/22/2005	09/22/2006	03/30/2012	09/22/2026	National Stage	Active	Issued	Covidien LP	Covidien LP	Manually Retracted Safety Needle with Rigid Wing Structure	Patient Monitoring & Recovery - PMR - Mansfield | Blood Collection | Other Blood Collection	Jones, Scott (joness46); CLARK, GEORGE (MITG-GC3)
H-KN-00257EP	EP	06804065.8		EP1926970	09/22/2005	09/22/2006			National Stage	Active	Allowed	Covidien LP	Covidien LP	Manually Retracted Safety Needle with Rigid Wing Structure	Patient Monitoring & Recovery - PMR - Mansfield | Blood Collection | Other Blood Collection	Jones, Scott (joness46); CLARK, GEORGE (MITG-GC3)

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Matter #	Country	App #	Patent #	Pub #	Priority Date	App Date	Issue Date	Expiration Date	Matter Sub-Type	Status	Sub Status	Current Owner	Assignee	Title	Business Classification	Inventors
H-KN-00257IN	IN	2292/DELNP/2008			09/22/2005	09/22/2006			National Stage	Active	Published	Covidien LP	Covidien LP	Manually Retracted Safety Needle with Rigid Wing Structure	Patient Monitoring & Recovery - PMR - Mansfield | Blood Collection | Other Blood Collection	Jones, Scott {joness46}; CLARK, GEORGE {MITG-GC3}
H-KN-00257MX	MX	MX/a/2008/003708	309470		09/22/2005	09/22/2006	05/09/2013	09/22/2026	National Stage	Active	Issued	Covidien LP	Covidien LP	Manually Retracted Safety Needle with Rigid Wing Structure	Patient Monitoring & Recovery - PMR - Mansfield | Blood Collection | Other Blood Collection	Jones, Scott {joness46}; CLARK, GEORGE {MITG-GC3}
H-KN-00257US1	US	11/525623	8591473	2007-0088262	09/22/2005	09/22/2006	11/26/2013	04/28/2030	Utility	Active	Issued	Covidien LP	Covidien LP	Manually Retracted Safety Needle with Rigid Wing Structure	Patient Monitoring & Recovery - PMR - Mansfield | Blood Collection | Other Blood Collection	Jones, Scott {joness46}; CLARK, GEORGE {MITG-GC3}
H-KN-00258AU	AU	2006292108	2006292108		09/22/2005	09/22/2006	11/15/2012	09/22/2026	National Stage	Active	Issued	Covidien LP	Covidien LP	Non-Axial Return Spring for Safety Needle	Patient Monitoring & Recovery - PMR - Mansfield | Blood Collection | Other Blood Collection	Jones, Scott {joness46}; CLARK, GEORGE {MITG-GC3}
H-KN-00258AUDIV	AU	2012203736	2012203736		09/22/2005	09/22/2006	04/30/2015	09/22/2026	Divisional	Active	Issued	Covidien LP	Covidien LP	Non-Axial Return Spring for Safety Needle	Patient Monitoring & Recovery - PMR - Mansfield | Blood Collection | Other Blood Collection	Jones, Scott {joness46}; CLARK, GEORGE {MITG-GC3}
H-KN-00258BR	BR	PI0616379-3		2111	09/22/2005	09/22/2006			National Stage	Active	Published	Covidien LP	Covidien LP	Non-Axial Return Spring for Safety Needle	Patient Monitoring & Recovery - PMR - Mansfield | Blood Collection | Other Blood Collection	Jones, Scott {joness46}; CLARK, GEORGE {MITG-GC3}
H-KN-00258CA	CA	2622985	2622985	2622985	09/22/2005	09/22/2006	06/17/2014	09/22/2026	National Stage	Active	Issued	Covidien LP	Covidien LP	Non-Axial Return Spring for Safety Needle	Patient Monitoring & Recovery - PMR - Mansfield | Blood Collection | Other Blood Collection	Jones, Scott {joness46}; CLARK, GEORGE {MITG-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	Covidien LP	Covidien LP	Non-Axial Return Spring for Safety Needle	Patient Monitoring & Recovery - PMR - Mansfield | Blood Collection | Other Blood Collection	Jones, Scott {joness46}; CLARK, GEORGE {MITG-GC3}
H-KN-00258EP	EP	06815355.0		EP1926513	09/22/2005	09/22/2006			National Stage	Active	Published	Covidien LP	Covidien LP	Non-Axial Return Spring for Safety Needle	Patient Monitoring & Recovery - PMR - Mansfield | Blood Collection | Other Blood Collection	Jones, Scott {joness46}; CLARK, GEORGE {MITG-GC3}
H-KN-00258IN	IN	2440/DELNP/2008			09/22/2005	09/22/2006			National Stage	Active	Published	Covidien LP	Covidien LP	Non-Axial Return Spring for Safety Needle	Patient Monitoring & Recovery - PMR - Mansfield | Blood Collection | Other Blood Collection	Jones, Scott {joness46}; CLARK, GEORGE {MITG-GC3}
H-KN-00258JP	JP	2008-532481	5080477	2009-509587	09/22/2005	09/22/2006	09/07/2012	09/22/2026	National Stage	Active	Issued	Covidien LP	Covidien LP	Non-Axial Return Spring for Safety Needle	Patient Monitoring & Recovery - PMR - Mansfield | Blood Collection | Other Blood Collection	Jones, Scott {joness46}; CLARK, GEORGE {MITG-GC3}
H-KN-00258KR	KR	10-2008-7009456	10-1323568		09/22/2005	09/22/2006	10/23/2013	09/22/2026	National Stage	Active	Issued	Covidien LP	Covidien LP	Non-Axial Return Spring for Safety Needle	Patient Monitoring & Recovery - PMR - Mansfield | Blood Collection | Other Blood Collection	Jones, Scott {joness46}; CLARK, GEORGE {MITG-GC3}
H-KN-00258MX	MX	MX/a/2008/003857	286340		09/22/2005	09/22/2006	05/06/2011	09/22/2026	National Stage	Active	Issued	Covidien LP	Covidien LP	Non-Axial Return Spring for Safety Needle	Patient Monitoring & Recovery - PMR - Mansfield | Blood Collection | Other Blood Collection	Jones, Scott {joness46}; CLARK, GEORGE {MITG-GC3}
H-KN-00258US1	US	11/525315	7824378	20070088272	09/22/2005	09/22/2006	11/02/2010	03/21/2029	Utility	Active	Issued	Covidien LP	Covidien LP	Non-Axial Return Spring for Safety Needle	Patient Monitoring & Recovery - PMR - Mansfield | Blood Collection | Other Blood Collection	Jones, Scott {joness46}; CLARK, GEORGE {MITG-GC3}
H-KN-00258US2	US	12/886739	9005167	20110009832	09/22/2005	09/21/2010	04/14/2015	02/14/2030	Divisional	Active	Issued	Covidien LP	Covidien LP	Non-Axial Return Spring for Safety Needle	Patient Monitoring & Recovery - PMR - Mansfield | Blood Collection | Other Blood Collection	Jones, Scott {joness46}; CLARK, GEORGE {MITG-GC3}
H-KN-00259.DEN3	DE	06825104.0	1926516	EP1926516	09/22/2005	09/22/2006	12/21/2016	09/22/2026	National Stage	Active	Issued	Covidien LP	Covidien LP	Safety Needle with Lockout Mechanism	Patient Monitoring & Recovery - PMR - Mansfield | Blood Collection | Other Blood Collection	Jones, Scott {joness46}; CLARK, GEORGE {MITG-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	Covidien LP	Covidien LP	Safety Needle with Lockout Mechanism	Patient Monitoring & Recovery - PMR - Mansfield | Blood Collection | Other Blood Collection	Jones, Scott {joness46}; CLARK, GEORGE {MITG-GC3}
H-KN-00259.GBN5	GB	06825104.0	1926516	EP1926516	09/22/2005	09/22/2006	12/21/2016	09/22/2026	National Stage	Active	Issued	Covidien LP	Covidien LP	Safety Needle with Lockout Mechanism	Patient Monitoring & Recovery - PMR - Mansfield | Blood Collection | Other Blood Collection	Jones, Scott {joness46}; CLARK, GEORGE {MITG-GC3}
H-KN-00259AU	AU	2006292107	2006292107		09/22/2005	09/22/2006	03/07/2013	09/22/2026	National Stage	Active	Issued	Covidien LP	Covidien LP	Safety Needle with Lockout Mechanism	Patient Monitoring & Recovery - PMR - Mansfield | Blood Collection | Other Blood Collection	Jones, Scott {joness46}; CLARK, GEORGE {MITG-GC3}
H-KN-00259BR	BR	P10616395-5		2111	09/22/2005	09/22/2006			National Stage	Active	Published	Covidien LP	Covidien LP	Safety Needle with Lockout Mechanism	Patient Monitoring & Recovery - PMR - Mansfield | Blood Collection | Other Blood Collection	Jones, Scott {joness46}; CLARK, GEORGE {MITG-GC3}
H-KN-00259CA	CA	2622887	2622887	2622887	09/22/2005	09/22/2006	11/18/2014	09/22/2026	National Stage	Active	Issued	Covidien LP	Covidien LP	Safety Needle with Lockout Mechanism	Patient Monitoring & Recovery - PMR - Mansfield | Blood Collection | Other Blood Collection	Jones, Scott {joness46}; CLARK, GEORGE {MITG-GC3}
H-KN-00259CN	CN	200680042317.5	200680042317	CN101309714A	09/22/2005	09/22/2006	08/10/2011	09/22/2026	National Stage	Active	Issued	Covidien LP	Covidien LP	Safety Needle with Lockout Mechanism	Patient Monitoring & Recovery - PMR - Mansfield | Blood Collection | Other Blood Collection	Jones, Scott {joness46}; CLARK, GEORGE {MITG-GC3}
H-KN-00259IN	IN	2442/DELNP/2008			09/22/2005	09/22/2006			National Stage	Active	Published	Covidien LP	Covidien LP	Safety Needle with Lockout Mechanism	Patient Monitoring & Recovery - PMR - Mansfield | Blood Collection | Other Blood Collection	Jones, Scott {joness46}; CLARK, GEORGE {MITG-GC3}
H-KN-00259MX	MX	MX/a/2008/003856	291797		09/22/2005	09/22/2006	11/08/2011	09/22/2026	National Stage	Active	Issued	Covidien LP	Covidien LP	Safety Needle with Lockout Mechanism	Patient Monitoring & Recovery - PMR - Mansfield | Blood Collection | Other Blood Collection	Jones, Scott {joness46}; CLARK, GEORGE {MITG-GC3}

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Matter #	Country	App #	Patent #	Pub #	Priority Date	App Date	Issue Date	Expiration Date	Matter Sub-Type	Status	Sub Status	Current Owner	Assignee	Title	Business Classification	Inventors
H-KN-00259US1	US	11/525316	7753878	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 - PMR - Mansfield | Blood Collection | Other Blood Collection	Jones, Scott (joness46); CLARK, GEORGE (MITG-GC3)
H-KN-00259US2	US	12/791081	8622958	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 - PMR - Mansfield | Blood Collection | Other Blood Collection	Jones, Scott (joness46); CLARK, GEORGE (MITG-GC3)
H-KN-01489US	US	12/705290	8394043	2011-0201981-A1	02/12/2010	02/12/2010	03/12/2013	05/30/2031	Utility	Active	Issued	Covidien LP	Covidien LP	Compression Garment Assembly	Patient Monitoring & Recovery - PMR - Mansfield | Vascular Compression	Kanter, Ross (kanter1); Deshpande, Manish (COV MD)
H-KN-01489US1	US	13/738172	8801643	20140024985	02/12/2010	01/10/2013	08/12/2014	02/27/2030	Continuation	Active	Issued	Covidien LP	Covidien LP	Compression Garment Assembly	Patient Monitoring & Recovery - PMR - Mansfield | Vascular Compression	Kanter, Ross (kanter1); Deshpande, Manish (COV MD)
H-KN-01735US	US	29/367930	D659839		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 - PMR - Mansfield | Vascular Compression	Keith, Laura (keithl1); Anderson, Julia Rose (MITG-JA6); Boozer, Brad (MITG-BB10); Longan, John (MITG-JL12)
H-KN-01736US	US	29/367932	D675741		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 - PMR - Mansfield | Vascular Compression	Keith, Laura (keithl1); Anderson, Julia Rose (MITG-JA6); Boozer, Brad (MITG-BB10); Longan, John (MITG-JL12)
H-KN-01210.GBN5	GB	09818392.4	2328648	EP2328648	09/30/2008	09/30/2009	05/04/2016	09/30/2029	National Stage	Active	Issued	Covidien LP	Covidien LP	TRANSPARENT CATHETER SECUREMENT SYSTEM	Patient Monitoring & Recovery - PMR - Mansfield | Wound Care | Other Wound Care	King, Steven (kings18); Parsons, David (parsod6); Trupiano, Anthony (MITG-AT4); Vitaris, Ronald (MITG-RFV); Dowd, Brian (MITG-BD4)
H-KN-03181.USP1	US								Provisional	Active	Draft	Covidien LP	Covidien LP	Intermittent Pneumatic Compression System with Compression and Ambulation Tracking	Patient Monitoring & Recovery - PMR - Mansfield | Vascular Compression	Kingston, Amanda (kingsa1); Denson, Jesse (denso j2); Rebello, Joseph (rebelj1); Keith, Laura (keithl1)
H-NS-01256.DEN1	DE	12832164.3	2755713	EP2755713	09/14/2011	09/13/2012	11/02/2016	09/13/2032	National Stage	Active	Issued	Covidien LP	Covidien LP	FISTULA CATHETER AND RELATED METHODS THEREFOR	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Gastrointestinal	Kinpara, Yuichi (kinpay1)
H-NS-01256.FRN2	FR	12832164.3	2755713	EP2755713	09/14/2011	09/13/2012	11/02/2016	09/13/2032	National Stage	Active	Issued	Covidien LP	Covidien LP	FISTULA CATHETER AND RELATED METHODS THEREFOR	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Gastrointestinal	Kinpara, Yuichi (kinpay1)
H-NS-01256.GBN3	GB	12832164.3	2755713	EP2755713	09/14/2011	09/13/2012	11/02/2016	09/13/2032	National Stage	Active	Issued	Covidien LP	Covidien LP	FISTULA CATHETER AND RELATED METHODS THEREFOR	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Gastrointestinal	Kinpara, Yuichi (kinpay1)
H-NS-01256AU	AU	2012308676	2012308676		09/14/2011	03/04/2014	07/24/2014	03/04/2034	National Stage	Active	Issued	Covidien LP	Covidien LP	FISTULA CATHETER AND RELATED METHODS THEREFOR	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Gastrointestinal	Kinpara, Yuichi (kinpay1)
H-NS-01256CA	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 - PMR - Mansfield | Nutritional Care | Gastrointestinal	Kinpara, Yuichi (kinpay1)
H-NS-01256CN	CN	201280044754.6	ZL201280044754.6	CN103813826A	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 - PMR - Mansfield | Nutritional Care | Gastrointestinal	Kinpara, Yuichi (kinpay1)
H-NS-01256US	US	14/342809	9114066	20140371680	09/14/2011	09/13/2012	08/25/2015	09/13/2032	Utility	Active	Issued	Covidien LP	Covidien LP	Fistula Catheter and Related Methods Therefor	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Gastrointestinal	Kinpara, Yuichi (kinpay1)
H-NS-00038CA	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 - PMR - Mansfield | Needles & Syringes | Other Needles & Syringes	KITANI, Ichiro (MITG-IK); Funamura, Shigeaki (MITG-SF6)
H-NS-00038US	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 - PMR - Mansfield | Needles & Syringes | Other Needles & Syringes	KITANI, Ichiro (MITG-IK); Funamura, Shigeaki (MITG-SF6)
H-NS-00061US	US	11/796414	7824364	US20070255202 A1	07/21/2006	04/27/2007	11/02/2010	08/11/2028	Utility	Active	Issued	Covidien LP	Covidien LP	Liquid Mixing Infusor	Patient Monitoring & Recovery - PMR - Mansfield | Intravenous Access/Prefill | Other Intravenous Access/Prefill	KITANI, Ichiro (MITG-IK); Funamura, Shigeaki (MITG-SF6)
H-NS-00062US	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 - PMR - Mansfield | Needles & Syringes | Other Needles & Syringes	KITANI, Ichiro (MITG-IK); Funamura, Shigeaki (MITG-SF6)
H-NS-00087CA	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 - PMR - Mansfield | Needles & Syringes | Other Needles & Syringes	KITANI, Ichiro (MITG-IK); Funamura, Shigeaki (MITG-SF6)
H-NS-00087MX	MX	MX/a/2008/009288	288565		08/23/2007	07/18/2008	06/21/2011	07/18/2028	Utility	Active	Issued	Covidien LP	Covidien LP	Connection Structure for Connector	Patient Monitoring & Recovery - PMR - Mansfield | Needles & Syringes | Other Needles & Syringes	KITANI, Ichiro (MITG-IK); Funamura, Shigeaki (MITG-SF6)
H-NS-00087US	US	12/195030	8287518	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 - PMR - Mansfield | Needles & Syringes | Other Needles & Syringes	KITANI, Ichiro (MITG-IK); Funamura, Shigeaki (MITG-SF6)
H-NS-00030CA	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 Luer Connector	Patient Monitoring & Recovery - PMR - Mansfield | Needles & Syringes | Other Needles & Syringes	KITANI, Ichiro (MITG-IK); Funamura, Shigeaki (MITG-SF6); ABE, Kazuhiro (MITG-KA4)
H-NS-00030US	US	12/159545	7976532	20080300542	12/28/2005	12/27/2006	07/12/2011	02/08/2028	National Stage	Active	Issued	Covidien LP	Covidien LP	Male Luer Connector	Patient Monitoring & Recovery - PMR - Mansfield | Needles & Syringes | Other Needles & Syringes	KITANI, Ichiro (MITG-IK); Funamura, Shigeaki (MITG-SF6); ABE, Kazuhiro (MITG-KA4)
H-NS-00030US1	US	13/170842	8545479	2011-0319821-A1	12/28/2005	06/28/2011	10/01/2013	12/27/2026	Continuation	Active	Issued	Covidien LP	Covidien LP	Male Luer Connector	Patient Monitoring & Recovery - PMR - Mansfield | Needles & Syringes | Other Needles & Syringes	KITANI, Ichiro (MITG-IK); Funamura, Shigeaki (MITG-SF6); ABE, Kazuhiro (MITG-KA4)
H-NS-00039CA	CA	2565842	2565842	2565842	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 - PMR - Mansfield | Needles & Syringes | Other Needles & Syringes	KITANI, Ichiro (MITG-IK); WADA, Yoshihiro (MITG-YW1); FUJIMINE, Takuya (MITG-TF8)

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Matter #	Country	App #	Patent #	Pub #	Priority Date	App Date	Issue Date	Expiration Date	Matter Sub-Type	Status	Sub Status	Current Owner	Assignee	Title	Business Classification	Inventors
H-NS-00039US	US	11/673090	7963951	20080195031	02/09/2007	02/09/2007	06/21/2011	03/25/2030	Utility	Active	Issued	Covidien LP	Covidien LP	Medical Valve Device	Patient Monitoring & Recovery - PMR - Mansfield | Needles & Syringes | Other Needles & Syringes	KITANI, Ichiro (MITG-IK); WADA, Yoshihiro (MITG-YW1); FUJIMINE, Takuya (MITG-TF8)
H-KN-02770US01	US	14/729748		2015-0342835-A1	06/03/2014	06/03/2015			Utility	Active	Published	Covidien LP	Covidien LP	Enteral Feeding Pump Certification	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Feeding	Knauper, Christopher (knaupc1); Gaines, Robert (gainer1); Holste, John (holstj1)
H-KN-02770US02	US	14/936934		US-2016-0061348-A1	06/03/2014	11/10/2015			Continuation	Active	Published	Covidien LP	Covidien LP	Enteral Feeding Pump Certification	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Feeding	Knauper, Christopher (knaupc1); Gaines, Robert (gainer1); Holste, John (holstj1)
H-KN-02798.AUN2	AU	2014324552			09/30/2013	09/30/2014			National Stage	Active	Filed	Covidien LP	Covidien LP	Certification Cassette and Related Methods	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Feeding	Knauper, Christopher (knaupc1); Gaines, Robert (gainer1); Wiesner, Joel (wiesnj1); Holste, John (holstj1)
H-KN-02798.CAN3	CA	2925569			09/30/2013	09/30/2014		09/30/2034	National Stage	Active	Filed	Covidien LP	Covidien LP	Certification Cassette and Related Methods	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Feeding	Knauper, Christopher (knaupc1); Gaines, Robert (gainer1); Wiesner, Joel (wiesnj1); Holste, John (holstj1)
H-KN-02798.CNN4	CN	201480053900.0		CN105593521A	09/30/2013	09/30/2014			National Stage	Active	Published	Covidien LP	Covidien LP	Certification Cassette and Related Methods	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Feeding	Knauper, Christopher (knaupc1); Gaines, Robert (gainer1); Wiesner, Joel (wiesnj1); Holste, John (holstj1)
H-KN-02798.EPN6	EP	14790842.0		EP3052806	09/30/2013	09/30/2014			National Stage	Active	Published	Covidien LP	Covidien LP	Certification Cassette and Related Methods	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Feeding	Knauper, Christopher (knaupc1); Gaines, Robert (gainer1); Wiesner, Joel (wiesnj1); Holste, John (holstj1)
H-KN-02798.MXN5	MX	MX/a/2016/003995			09/30/2013	09/30/2014			National Stage	Active	Filed	Covidien LP	Covidien LP	Certification Cassette and Related Methods	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Feeding	Knauper, Christopher (knaupc1); Gaines, Robert (gainer1); Wiesner, Joel (wiesnj1); Holste, John (holstj1)
H-KN-02798US01	US	14/501444		20150093307	09/30/2013	09/30/2014			Utility	Active	Allowed	Covidien LP	Covidien LP	Certification Cassette and Related Methods	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Feeding	Knauper, Christopher (knaupc1); Gaines, Robert (gainer1); Wiesner, Joel (wiesnj1); Holste, John (holstj1)
H-KN-00298US	US	11/366225	7758551	20070208305	03/02/2006	03/02/2006	07/20/2010	01/11/2029	Utility	Active	Issued	Covidien LP	Covidien AG	Pump Set With Secure Loading Features	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Feeding	Knauper, Christopher (knaupc1); Gaines, Robert (gainer1); Wiesner, Joel (wiesnj1); Hudson, Joseph (hudsoj8); Harr, James (harrj1); Hanlon, James (COV-PV-
H-KN-00479US	US	11/366224	7927304	20070208304	03/02/2006	03/02/2006	04/19/2011	08/03/2027	Utility	Active	Issued	Covidien LP	Covidien LP	Enteral Feeding Pump and Feeding Set Therefor	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Feeding	Knauper, Christopher (knaupc1); Gaines, Robert (gainer1); Wiesner, Joel (wiesnj1); Hudson, Joseph (hudsoj8); Harr, James (harrj1); Hanlon, James (COV-PV-
H-KN-00479US1	US	12/893712	8052643	20110021979	03/02/2006	09/29/2010	11/08/2011	03/02/2026	Continuation	Active	Issued	Covidien LP	Covidien LP	Enteral Feeding Pump and Feeding Set Therefor	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Feeding	Knauper, Christopher (knaupc1); Gaines, Robert (gainer1); Wiesner, Joel (wiesnj1); Hudson, Joseph (hudsoj8); Harr, James (harrj1); Hanlon, James (COV-PV-
H-KN-00480US3	US	14/105,300	9,402,789	US 2014-0100523 A1	03/02/2006	12/13/2013	08/02/2016	03/25/2026	Continuation	Active	Issued	Covidien LP	Covidien LP	Pump Set Having Secure Loading Features	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Feeding	Knauper, Christopher (knaupc1); Wiesner, Joel (wiesnj1); Harr, James (harrj1); Fournie, Glenn (MITG-GGF1)
H-KN-00818US4	US	13/471042	8571627	20120226177	12/05/2006	05/14/2012	10/29/2013	12/05/2027	Divisional	Active	Issued	Covidien LP	Covidien LP	ECG Lead Wire Organizer and Dispenser	Patient Monitoring & Recovery - PMR - Mansfield | Monitoring & Operating Room | Other MORP	Knight, Heather (knighh1); Tremblay, Kathleen (trembk1); D'Elia, Linda (delial1); Tauer, Mark (MITG-MT5); Meyer, Peter F. (MITG-PM10); Callahan, Mark
H-NS-00127CH	CH	09010487.8	2168618	2168618	09/25/2008	08/14/2009	03/09/2011	08/14/2029	National Stage	Active	Issued	Covidien LP	Covidien LP	Liquid Flow Detector and Transfusion Line Provided with Same	Patient Monitoring & Recovery - PMR - Mansfield | Intravenous Access/Prefill | Other Intravenous Access/Prefill	KOIKE, Kazuhiro (MITG-KK8)
H-NS-00127DE	DE	60 2009 000 844.7	2168618	2168618	09/25/2008	08/14/2009	03/09/2011	08/14/2029	National Stage	Active	Issued	Covidien LP	Covidien LP	Liquid Flow Detector and Transfusion Line Provided with Same	Patient Monitoring & Recovery - PMR - Mansfield | Intravenous Access/Prefill | Other Intravenous Access/Prefill	KOIKE, Kazuhiro (MITG-KK8)
H-NS-00127FR	FR	09010487.8	2168618	2168618	09/25/2008	08/14/2009	03/09/2011	08/14/2029	National Stage	Active	Issued	Covidien LP	Covidien LP	Liquid Flow Detector and Transfusion Line Provided with Same	Patient Monitoring & Recovery - PMR - Mansfield | Intravenous Access/Prefill | Other Intravenous Access/Prefill	KOIKE, Kazuhiro (MITG-KK8)
H-NS-00127GB	GB	09010487.8	2168618	2168618	09/25/2008	08/14/2009	03/09/2011	08/14/2029	National Stage	Active	Issued	Covidien LP	Covidien LP	Liquid Flow Detector and Transfusion Line Provided with Same	Patient Monitoring & Recovery - PMR - Mansfield | Intravenous Access/Prefill | Other Intravenous Access/Prefill	KOIKE, Kazuhiro (MITG-KK8)
H-NS-00127IT	IT	68685BE/2011	2168618	2168618	09/25/2008	08/14/2009	03/09/2011	08/14/2029	National Stage	Active	Issued	Covidien LP	Covidien LP	Liquid Flow Detector and Transfusion Line Provided with Same	Patient Monitoring & Recovery - PMR - Mansfield | Intravenous Access/Prefill | Other Intravenous Access/Prefill	KOIKE, Kazuhiro (MITG-KK8)
H-NS-00127NL	NL	09010487.8	2168618	2168618	09/25/2008	08/14/2009	03/09/2011	08/14/2029	National Stage	Active	Issued	Covidien LP	Covidien LP	Liquid Flow Detector and Transfusion Line Provided with Same	Patient Monitoring & Recovery - PMR - Mansfield | Intravenous Access/Prefill | Other Intravenous Access/Prefill	KOIKE, Kazuhiro (MITG-KK8)
H-NS-00127US	US	12/542020	8061218	20100071478	09/25/2008	08/17/2009	11/22/2011	02/03/2030	Utility	Active	Issued	Covidien LP	Covidien LP	Liquid Flow Detector and Transfusion Line Provided with Same	Patient Monitoring & Recovery - PMR - Mansfield | Intravenous Access/Prefill | Other Intravenous Access/Prefill	KOIKE, Kazuhiro (MITG-KK8)
H-KN-02961US	US								Utility	Active	Draft	Covidien LP	Covidien LP	Graduated Compression Stocking with Removable Foot Bladder	Patient Monitoring & Recovery - PMR - Mansfield | Vascular Compression	Koss, Andrew (kossa1)
H-KN-02790US	US	14/103939	9228679	2015-0167865-A1	12/12/2013	12/12/2013	01/05/2016	01/27/2034	Utility	Active	Issued	Covidien LP	Covidien LP	Holding a Flexible Elongate Object	Patient Monitoring & Recovery - PMR - Mansfield | Vascular Compression	Koss, Andrew (kossa1); Cote, Steven (cotes2)
1828KUS	US	29/200144	D520963		02/23/2004	02/23/2004	05/16/2006	05/16/2020	Design	Active	Issued	Covidien LP	Covidien LP	CONTROLLER	Patient Monitoring & Recovery - PMR - Mansfield | Vascular Compression	Krauss, Kevin (MITG-KK1)
2082GB	GB	3002062	3002062		03/05/2001	05/24/2002	06/13/2003	05/24/2022	Design	Active	Issued Dropped	Covidien LP	Covidien LP	MEDICAL ELECTRODE WITH STARBURST DESIGN	Patient Monitoring & Recovery - PMR - Mansfield | Monitoring & Operating Room | Other MORP	Richardson, Timothy (richat1); Latka, Paul (MITG-PA1)
H-KN-02320AU	AU	2012203165	2012203165		06/10/2011	05/29/2012	01/30/2014	05/29/2032	Utility	Active	Issued	Covidien LP	Covidien LP	Compression Device Having a Pause Feature	Patient Monitoring & Recovery - PMR - Mansfield | Vascular Compression	Kuranda, Ilona (kurani1); Bock, Malcolm (MITG-MG8); MacMeans, Scott (MITG-SM8)

Matter #	Country	App #	Patent #	Pub #	Priority Date	App Date	Issue Date	Expiration Date	Matter Sub-Type	Status	Sub Status	Current Owner	Assignee	Title	Business Classification	Inventors
H-KN-02320CN	CN	201210187759.6	ZL201210187759.6	CN102813596A	06/10/2011	06/08/2012	09/10/2014	06/08/2032	Utility	Active	Issued	Covidien LP	Covidien LP	Compression Device Having a Pause Feature	Patient Monitoring & Recovery - PMR - Mansfield | Vascular Compression	Kuranda, Ilona (kurani1); Bock, Malcolm (MITG-MGB); MacMeans, Scott (MITG-SM8)
H-KN-02320EP	EP	12169822.9		EP2532337	06/10/2011	05/29/2012			Utility	Active	Published	Covidien LP	Covidien LP	Compression Device Having a Pause Feature	Patient Monitoring & Recovery - PMR - Mansfield | Vascular Compression	Kuranda, Ilona (kurani1); Bock, Malcolm (MITG-MGB); MacMeans, Scott (MITG-SM8)
H-KN-02320US1	US	13/488972		US-2012-0316479-A1	06/10/2011	06/05/2012			Utility	Active	Published	Covidien LP	Covidien LP	Compression Device Having a Pause Feature	Patient Monitoring & Recovery - PMR - Mansfield | Vascular Compression	Kuranda, Ilona (kurani1); Bock, Malcolm (MITG-MGB); MacMeans, Scott (MITG-SM8)
H-KN-02772CN01	CN	201480045907.8		CN105473061A	08/20/2013	08/04/2014		08/04/2034	National Stage	Active	Published	Covidien LP	Covidien LP	Compression Device Compliance Tracking	Patient Monitoring & Recovery - PMR - Mansfield | Vascular Compression	Ladd, Jeffrey (laddj1)
H-KN-02772EP01	EP	14755480.2		EP3035841	08/20/2013	08/04/2014			National Stage	Active	Published	Covidien LP	Covidien LP	Compression Device Compliance Tracking	Patient Monitoring & Recovery - PMR - Mansfield | Vascular Compression	Ladd, Jeffrey (laddj1)
H-KN-02772KR01	KR	10-2016-7004041			08/20/2013	08/20/2013		08/20/2033	National Stage	Active	Filed	Covidien LP	Covidien LP	Compression Device Compliance Tracking	Patient Monitoring & Recovery - PMR - Mansfield | Vascular Compression	Ladd, Jeffrey (laddj1)
H-KN-01861AU	AU	2013203782	2013203782		06/06/2012	04/11/2013	10/30/2014	04/11/2033	Utility	Active	Issued	Covidien LP	Covidien LP	Compression Garment Including Bladder Having Reduced Inflatable Volume	Patient Monitoring & Recovery - PMR - Mansfield | Vascular Compression	Largesse, Judy (largej2); Deshpande, Manish (COV-PV-MD); Malhi, Arnaz (COV-PV-ASM); Borden, David (MITG
H-KN-01861CN	CN	201310222559.4	ZL201310222559.4	CN103462796A	06/06/2012	06/06/2013	06/08/2016	06/06/2033	Utility	Active	Issued	Covidien LP	Covidien LP	Compression Garment Including Bladder Having Reduced Inflatable Volume	Patient Monitoring & Recovery - PMR - Mansfield | Vascular Compression	Largesse, Judy (largej2); Deshpande, Manish (COV-PV-MD); Malhi, Arnaz (COV-PV-ASM); Borden, David (MITG
H-KN-01861EP	EP	13164350.4		2671560	06/06/2012	04/18/2013			Utility	Active	Published	Covidien LP	Covidien LP	Compression Garment Including Bladder Having Reduced Inflatable Volume	Patient Monitoring & Recovery - PMR - Mansfield | Vascular Compression	Largesse, Judy (largej2); Deshpande, Manish (COV-PV-MD); Malhi, Arnaz (COV-PV-ASM); Borden, David (MITG
H-KN-01861IL	IL	225913			06/06/2012	04/23/2013			Utility	Active	Filed	Covidien LP	Covidien LP	Compression Garment Including Bladder Having Reduced Inflatable Volume	Patient Monitoring & Recovery - PMR - Mansfield | Vascular Compression	Largesse, Judy (largej2); Deshpande, Manish (COV-PV-MD); Malhi, Arnaz (COV-PV-ASM); Borden, David (MITG
H-KN-01861KR	KR	10-2013-64429	10-1461808		06/06/2012	06/05/2013	11/07/2014	06/05/2033	Utility	Active	Issued	Covidien LP	Covidien LP	Compression Garment Including Bladder Having Reduced Inflatable Volume	Patient Monitoring & Recovery - PMR - Mansfield | Vascular Compression	Largesse, Judy (largej2); Deshpande, Manish (COV-PV-MD); Malhi, Arnaz (COV-PV-ASM); Borden, David (MITG
H-KN-01861TW	TW	102120265	I490007	TW 201400138	06/06/2012	06/05/2013	06/01/2015	06/05/2033	Utility	Active	Issued	Covidien LP	Covidien LP	Compression Garment Including Bladder Having Reduced Inflatable Volume	Patient Monitoring & Recovery - PMR - Mansfield | Vascular Compression	Largesse, Judy (largej2); Deshpande, Manish (COV-PV-MD); Malhi, Arnaz (COV-PV-ASM); Borden, David
H-KN-00839US	US	11/937176	8246028	20090125055	11/08/2007	11/08/2007	08/21/2012	06/21/2031	Utility	Active	Issued	Covidien LP	Covidien LP	Telescopingly Adjustable Clamp	Patient Monitoring & Recovery - PMR - Mansfield | Vascular Compression	Larkin, Harold (MITG-HLS); Gibson, Jeffrey (MITG-JG12); Aubertine, Kirk (MITG-KA5)
H-KN-00481US1	US	13/920501		20130294941	12/15/2006	06/18/2013			Continuation	Active	Published	Covidien LP	Covidien LP	Optical Detection of Medical Pump Rotor Position	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Feeding	Lewis, Thomas (lewist7); Davis, Mark (MITG - MAD)
H-KN-01449US	US	12/813579	8277196	20110305584	06/11/2010	06/11/2010	10/02/2012	03/09/2031	Utility	Active	Issued	Covidien LP	Covidien LP	Adaptive Accuracy for Enteral Feeding Pumps	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Feeding	Lewis, Thomas (lewist7); Price, Jeffrey (MITG-JEP2)
H-KN-01295.DEN3	DE	10807136.6	602010035092.4	EP2461863	08/05/2009	08/05/2010	07/27/2016	08/05/2030	National Stage	Active	Issued	Covidien LP	Covidien LP	Surgical Wound Dressing Incorporating Connected Hydrogel Beads Having an Embedded Electrode Therein	Patient Monitoring & Recovery - PMR - Mansfield | Wound Care | Other Wound Care	Malhi, Arnaz (COV-PV-ASM)
H-KN-01295.FRN4	FR	10807136.6	2461863	EP2461863	08/05/2009	08/05/2010	07/27/2016	08/05/2030	National Stage	Active	Issued	Covidien LP	Covidien LP	Surgical Wound Dressing Incorporating Connected Hydrogel Beads Having an Embedded Electrode Therein	Patient Monitoring & Recovery - PMR - Mansfield | Wound Care | Other Wound Care	Malhi, Arnaz (COV-PV-ASM)
H-KN-01295.GBN5	GB	10807136.6	2461863	EP2461863	08/05/2009	08/05/2010	07/27/2016	08/05/2030	National Stage	Active	Issued	Covidien LP	Covidien LP	Surgical Wound Dressing Incorporating Connected Hydrogel Beads Having an Embedded Electrode Therein	Patient Monitoring & Recovery - PMR - Mansfield | Wound Care | Other Wound Care	Malhi, Arnaz (COV-PV-ASM)
H-KN-01295BR1	BR	BR112012008087-3			08/05/2009	08/05/2010			National Stage	Active	Published	Covidien LP	Covidien LP	Surgical Wound Dressing Incorporating Connected Hydrogel Beads Having an Embedded Electrode Therein	Patient Monitoring & Recovery - PMR - Mansfield | Wound Care | Other Wound Care	Malhi, Arnaz (COV-PV-ASM)
H-KN-01295CA1	CA	2770182	2770182	2770182	08/05/2009	08/05/2010	09/27/2016	08/05/2030	National Stage	Active	Issued	Covidien LP	Covidien LP	SURGICAL WOUND DRESSING INCORPORATING CONNECTED HYDROGEL BEADS HAVING AN EMBEDDED ELECTRODE THEREIN AND RELATED METHODS	Patient Monitoring & Recovery - PMR - Mansfield | Wound Care | Other Wound Care	Malhi, Arnaz (COV-PV-ASM)
H-KN-01295JP1	JP	2012-523939	5281715	2013-500839	08/05/2009	08/05/2010	05/31/2013	08/05/2030	National Stage	Active	Issued	Covidien LP	Covidien LP	Surgical Wound Dressing Incorporating Connected Hydrogel Beads Having an Embedded Electrode Therein	Patient Monitoring & Recovery - PMR - Mansfield | Wound Care | Other Wound Care	Malhi, Arnaz (COV-PV-ASM)
H-KN-01295US02	US	14/527004	9174043	20150057735	08/05/2009	10/29/2014	11/03/2015	08/05/2030	Divisional	Active	Issued	Covidien LP	Covidien LP	Methods for Surgical Wound Dressing Incorporating Connected Hydrogel Beads Having an Embedded Electrode Therein	Patient Monitoring & Recovery - PMR - Mansfield | Wound Care | Other Wound Care	Malhi, Arnaz (COV-PV-ASM)
H-KN-01295US1	US	12/850683	8900217	20110034906	08/05/2009	08/05/2010	12/02/2014	11/15/2030	Utility	Active	Issued	Covidien LP	Covidien LP	Surgical Wound Dressing Incorporating Connected Hydrogel Beads Having an Embedded Electrode Therein	Patient Monitoring & Recovery - PMR - Mansfield | Wound Care | Other Wound Care	Malhi, Arnaz (COV-PV-ASM)
H-KN-01426AU	AU	2013204544	2013204544		06/18/2012	04/12/2013	01/08/2015	04/12/2033	Utility	Active	Issued	Covidien LP	Covidien LP	Compression System With Vent Cooling Feature	Patient Monitoring & Recovery - PMR - Mansfield | Vascular Compression	Malhi, Arnaz (COV-PV-ASM)
H-KN-01426CN	CN	201310220103.4	ZL201310220103.4	103505356	06/18/2012	06/05/2013	01/20/2016	06/04/2033	Utility	Active	Issued	Covidien LP	Covidien LP	Compression System With Vent Cooling Feature	Patient Monitoring & Recovery - PMR - Mansfield | Vascular Compression	Malhi, Arnaz (COV-PV-ASM)
H-KN-01426KR	KR	10-2013-0068775	10-1552388		06/18/2012	06/17/2013	09/04/2015	06/17/2033	Utility	Active	Issued	Covidien LP	Covidien LP	Compression System With Vent Cooling Feature	Patient Monitoring & Recovery - PMR - Mansfield | Vascular Compression	Malhi, Arnaz (COV-PV-ASM)
H-KN-01426TW	TW	102116093	I501755	201404369	06/18/2012	05/06/2013	10/01/2015	05/06/2033	Utility	Active	Issued	Covidien LP	Covidien LP	Compression System With Vent Cooling Feature	Patient Monitoring & Recovery - PMR - Mansfield | Vascular Compression	Malhi, Arnaz (COV-PV-ASM)
H-KN-01426US	US	13/525412	9205021	20130338552	06/18/2012	06/18/2012	12/08/2015	06/12/2034	Utility	Active	Issued	Covidien LP	Covidien LP	Compression System With Vent Cooling Feature	Patient Monitoring & Recovery - PMR - Mansfield | Vascular Compression	Malhi, Arnaz (COV-PV-ASM)
H-KN-01426US01	US	14/955421		US 2016-0101015 A1	06/18/2012	12/01/2015			Continuation	Active	Published	Covidien LP	Covidien LP	Compression System With Vent Cooling Feature	Patient Monitoring & Recovery - PMR - Mansfield | Vascular Compression	Malhi, Arnaz (COV-PV-ASM)
H-KN-01840.USC1	US	15/192,655		US 2016-0374891 A1	09/29/2011	06/24/2016			Continuation	Active	Published	Covidien LP	Covidien LP	COMPRESSION GARMENT HAVING SEALABLE BLADDER POCKET	Patient Monitoring & Recovery - PMR - Mansfield | Vascular Compression	Malhi, Arnaz (COV-PV-ASM)
H-KN-02943.USC5	US	15/133,566		US 2016-0228281 A1	06/18/2013	04/20/2016			Continuation	Active	Published	Covidien LP	Covidien LP	Patient Positioning System	Patient Monitoring & Recovery - PMR - Mansfield | Monitoring & Operating Room | Other MORP	Marshall, Stephen (marshs8); Kerns, Byron Wesley (MITG-BK3)

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PATENT
REEL: 044126 FRAME: 0872

Matter #	Country	App #	Patent #	Pub #	Priority Date	App Date	Issue Date	Expiration Date	Matter Sub-Type	Status	Sub Status	Current Owner	Assignee	Title	Business Classification	Inventors
H-KN-02943US4	US	14/228962	9,375,343	2014-0366271-A1	06/18/2013	03/28/2014	06/28/2016	03/28/2034	Utility	Active	Issued	Covidien LP	Covidien LP	Patient Positioning System	Patient Monitoring & Recovery - PMR - Mansfield | Monitoring & Operating Room | Other MORP	Marshall, Stephen (marshs8); Kerns, Byron Wesley (MITG-BK3)
H-KN-02943CA01	CA	2915263			06/18/2013	06/18/2014			National Stage	Active	Filed	Covidien LP	Covidien LP	PATIENT POSITIONING SYSTEM	Patient Monitoring & Recovery - PMR - Mansfield | Monitoring & Operating Room | Other MORP	Marshall, Stephen (marshs8); Kerns, Byron Wesley (MITG-BK3); Watts, Elizabeth (MITG-EW2)
H-KN-00906US	US	11/750452	8092409	20080287843	05/18/2007	05/18/2007	01/10/2012	11/09/2030	Utility	Active	Issued	Covidien LP	Covidien LP	Reinforced Connector	Patient Monitoring & Recovery - PMR - Mansfield | Vascular Compression	Martin, Peter (MITG-PCM); Mros, Henry (MITG-HM8)
H-KN-00906US1	US	13/342386	8585622	20120109030	05/18/2007	01/03/2012	11/19/2013	05/18/2027	Continuation	Active	Issued	Covidien LP	Covidien LP	Reinforced Connector	Patient Monitoring & Recovery - PMR - Mansfield | Vascular Compression	Martin, Peter (MITG-PCM); Mros, Henry (MITG-HM8)
H-KN-00906US2	US	14/069473	9161877	20140058301	05/18/2007	11/01/2013	10/20/2015	05/18/2027	Continuation	Active	Issued	Covidien LP	Covidien LP	Reinforced Connector	Patient Monitoring & Recovery - PMR - Mansfield | Vascular Compression	Martin, Peter (MITG-PCM); Mros, Henry (MITG-HM8)
H-KN-00916US	US	29/280165	D601248		05/18/2007	05/18/2007	09/29/2009	09/29/2023	Design	Active	Issued	Covidien LP	Covidien LP	Connector and Port Arrangement with Cylindrical Segment Tube Retainers	Patient Monitoring & Recovery - PMR - Mansfield | Vascular Compression	Martin, Peter (MITG-PCM); Mros, Henry (MITG-HM8)
H-KN-00917US	US	29/280162	D595845		05/18/2007	05/18/2007	07/07/2009	07/07/2023	Design	Active	Issued	Covidien LP	Covidien LP	Connector and Port Arrangement with Arcuate Tube Retainers	Patient Monitoring & Recovery - PMR - Mansfield | Vascular Compression	Martin, Peter (MITG-PCM); Mros, Henry (MITG-HM8)
H-NS-00050US	US	11/756439	7731703	20070282296	05/31/2006	05/31/2007	06/08/2010	08/16/2026	Utility	Active	Issued	Covidien LP	Covidien LP	Medical Bag with a Support Member and Grasping Holes	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Access	Matsuda, Shinya (matsus14); MUKAI, Shoso (MITG-SM5)
H-KN-01617.DEN3	DE	11007228.7	2428190	EP2428190	09/08/2010	09/06/2011	03/16/2016	09/06/2031	National Stage	Active	Issued	Covidien LP	Covidien LP	Needleless Sampling Port	Patient Monitoring & Recovery - PMR - Mansfield | Urology | Other Urology	McElroy, Geoffrey (MITG-GRM2)
H-KN-01617.FRN4	FR	11007228.7	2428190	EP2428190	09/08/2010	09/06/2011	03/16/2016	09/06/2031	National Stage	Active	Issued	Covidien LP	Covidien LP	Needleless Sampling Port	Patient Monitoring & Recovery - PMR - Mansfield | Urology | Other Urology	McElroy, Geoffrey (MITG-GRM2)
H-KN-01617.GBN2	GB	11007228.7	2428190	EP2428190	09/08/2010	09/06/2011	03/16/2016	09/06/2031	National Stage	Active	Issued	Covidien LP	Covidien LP	Needleless Sampling Port	Patient Monitoring & Recovery - PMR - Mansfield | Urology | Other Urology	McElroy, Geoffrey (MITG-GRM2)
H-KN-01617.IEN5	IE	11007228.7	2428190	EP2428190	09/08/2010	09/06/2011	03/16/2016	09/06/2031	National Stage	Active	Issued	Covidien LP	Covidien LP	Needleless Sampling Port	Patient Monitoring & Recovery - PMR - Mansfield | Urology | Other Urology	McElroy, Geoffrey (MITG-GRM2)
H-KN-01617AU	AU	2011221397	2011221397		09/08/2010	09/08/2011	12/24/2013	09/08/2031	Utility	Active	Issued	Covidien LP	Covidien LP	Needleless Sampling Port	Patient Monitoring & Recovery - PMR - Mansfield | Urology | Other Urology	McElroy, Geoffrey (MITG-GRM2)
H-KN-01617CA	CA	2751832	2751832	2751832	09/08/2010	09/07/2011	06/17/2014	09/07/2031	Utility	Active	Issued	Covidien LP	Covidien LP	Needleless Sampling Port	Patient Monitoring & Recovery - PMR - Mansfield | Urology | Other Urology	McElroy, Geoffrey (MITG-GRM2)
H-KN-01617JPDIV	JP	2013-144548	5947754	2013-238608	09/08/2010	09/07/2011	06/10/2016	09/07/2031	Divisional	Active	Issued	Covidien LP	Covidien LP	Needleless Sampling Port	Patient Monitoring & Recovery - PMR - Mansfield | Urology | Other Urology	McElroy, Geoffrey (MITG-GRM2)
H-KN-01617MX	MX	MX/a/2011/009429	323154		09/08/2010	09/08/2011	08/28/2014	09/08/2031	Utility	Active	Issued	Covidien LP	Covidien LP	Needleless Sampling Port	Patient Monitoring & Recovery - PMR - Mansfield | Urology | Other Urology	McElroy, Geoffrey (MITG-GRM2)
H-KN-01617US	US	12/877473	8522813	2012-0055271-A1	09/08/2010	09/08/2010	09/03/2013	08/22/2031	Utility	Active	Issued	Covidien LP	Covidien LP	Needleless Sampling Port	Patient Monitoring & Recovery - PMR - Mansfield | Urology | Other Urology	McElroy, Geoffrey (MITG-GRM2)
S-8135AU2	AU	2004283726	2004283726		10/15/1997	10/22/2004	09/02/2010	10/22/2024	National Stage	Active	Issued	Covidien LP	Covidien LP	Lubricant Compositions, Their Preparation and Articles Coated Therewith	Patient Monitoring & Recovery - PMR - Mansfield | Urology | Other Urology	McGhee, Diane (COV-PV-DM1)
S-8135CA2	CA	2511009	2511009	2511009	10/15/1997	10/22/2004	05/14/2013	10/22/2024	National Stage	Active	Issued	Covidien LP	Covidien LP	Lubricant Compositions, Their Preparation and Articles Coated Therewith	Patient Monitoring & Recovery - PMR - Mansfield | Urology | Other Urology	McGhee, Diane (COV-PV-DM1)
S-8135CA5	CA	2639838	2639838	2639838	10/31/2007	09/25/2008	08/23/2016	09/25/2028	Utility	Active	Issued	Covidien LP	Covidien LP	ANTIMICROBIAL LUBRICIOUS COATING	Patient Monitoring & Recovery - PMR - Mansfield | Urology | Other Urology	McGhee, Diane (COV-PV-DM1)
S-8135CN2	CN	200480006614.5	ZL200480006614.5	CN1761493A	10/15/1997	10/22/2004	02/01/2008	10/22/2024	National Stage	Active	Issued	Covidien LP	Covidien LP	Lubricant compositions, their preparation and articles coated therewith	Patient Monitoring & Recovery - PMR - Mansfield | Urology | Other Urology	McGhee, Diane (COV-PV-DM1)
S-8135DE2	DE	04796268.3	602004004557	1677850	10/15/1997	10/22/2004	01/24/2007	10/22/2024	National Stage	Active	Issued	Covidien LP	Covidien LP	LUBRICIOUS COATING	Patient Monitoring & Recovery - PMR - Mansfield | Urology | Other Urology	McGhee, Diane (COV-PV-DM1)
S-8135DE5	DE	08253563.4	602008029217.7	2055327	10/15/1997	10/30/2008	12/11/2013	10/30/2028	National Stage	Active	Issued	Covidien LP	Covidien LP	ANTIMICROBIAL LUBRICIOUS COATING	Patient Monitoring & Recovery - PMR - Mansfield | Urology | Other Urology	McGhee, Diane (COV-PV-DM1)
S-8135ES2	ES	04796268.3	1677850	1677850	10/15/1997	10/22/2004	01/24/2007	10/22/2024	National Stage	Active	Issued	Covidien LP	Covidien LP	LUBRICIOUS COATING	Patient Monitoring & Recovery - PMR - Mansfield | Urology | Other Urology	McGhee, Diane (COV-PV-DM1)
S-8135ES5	ES	08253563.4	2055327	2055327	10/15/1997	10/30/2008	12/11/2013	10/30/2028	National Stage	Active	Issued	Covidien LP	Covidien LP	ANTIMICROBIAL LUBRICIOUS COATING	Patient Monitoring & Recovery - PMR - Mansfield | Urology | Other Urology	McGhee, Diane (COV-PV-DM1)
S-8135FR2	FR	04796268.3	1677850	1677850	10/15/1997	10/22/2004	01/24/2007	10/22/2024	National Stage	Active	Issued	Covidien LP	Covidien LP	LUBRICIOUS COATING	Patient Monitoring & Recovery - PMR - Mansfield | Urology | Other Urology	McGhee, Diane (COV-PV-DM1)
S-8135FR5	FR	08253563.4	2055327	2055327	10/15/1997	10/30/2008	12/11/2013	10/30/2028	National Stage	Active	Issued	Covidien LP	Covidien LP	ANTIMICROBIAL LUBRICIOUS COATING	Patient Monitoring & Recovery - PMR - Mansfield | Urology | Other Urology	McGhee, Diane (COV-PV-DM1)
S-8135GB2	GB	04796268.3	1677850	1677850	10/15/1997	10/22/2004	01/24/2007	10/22/2024	National Stage	Active	Issued	Covidien LP	Covidien LP	LUBRICIOUS COATING	Patient Monitoring & Recovery - PMR - Mansfield | Urology | Other Urology	McGhee, Diane (COV-PV-DM1)
S-8135GB5	GB	08253563.4	2055327	2055327	10/15/1997	10/30/2008	12/11/2013	10/30/2028	National Stage	Active	Issued	Covidien LP	Covidien LP	ANTIMICROBIAL LUBRICIOUS COATING	Patient Monitoring & Recovery - PMR - Mansfield | Urology | Other Urology	McGhee, Diane (COV-PV-DM1)
S-8135IE2	IE	04796268.3	1677850	1677850	10/15/1997	10/22/2004	01/24/2007	10/22/2024	National Stage	Active	Issued	Covidien LP	Covidien LP	LUBRICIOUS COATING	Patient Monitoring & Recovery - PMR - Mansfield | Urology | Other Urology	McGhee, Diane (COV-PV-DM1)
S-8135IE5	IE	08253563.4	2055327	2055327	10/15/1997	10/30/2008	12/11/2013	10/30/2028	National Stage	Active	Issued	Covidien LP	Covidien LP	ANTIMICROBIAL LUBRICIOUS COATING	Patient Monitoring & Recovery - PMR - Mansfield | Urology | Other Urology	McGhee, Diane (COV-PV-DM1)
S-8135IN2	IN	2867/DELNP/2005	253565		10/15/1997	10/22/2004	07/31/2012	10/22/2024	National Stage	Active	Issued	Covidien LP	Covidien LP	Lubricious Compositions, Method of Preparation, and Article of Coated Therewith	Patient Monitoring & Recovery - PMR - Mansfield | Urology | Other Urology	McGhee, Diane (COV-PV-DM1)
S-8135IT2	IT	04796268.3	1677850	1677850	10/15/1997	10/22/2004	01/24/2007	10/22/2024	National Stage	Active	Issued	Covidien LP	Covidien LP	LUBRICIOUS COATING	Patient Monitoring & Recovery - PMR - Mansfield | Urology | Other Urology	McGhee, Diane (COV-PV-DM1)
S-8135IT5	IT	08253563.4	2055327	2055327	10/15/1997	10/30/2008	12/11/2013	10/30/2028	National Stage	Active	Issued	Covidien LP	Covidien LP	ANTIMICROBIAL LUBRICIOUS COATING	Patient Monitoring & Recovery - PMR - Mansfield | Urology | Other Urology	McGhee, Diane (COV-PV-DM1)
S-8135JP2	JP	2006-536873	5054383	2007-509228	10/15/1997	10/22/2004	08/03/2012	10/22/2024	National Stage	Active	Issued	Covidien LP	Covidien LP	LUBRICANT COMPOSITIONS, THEIR PREPARATION AND ARTICLES COATED THEREWITH	Patient Monitoring & Recovery - PMR - Mansfield | Urology | Other Urology	McGhee, Diane (COV-PV-DM1)

Matter #	Country	App #	Patent #	Pub #	Priority Date	App Date	Issue Date	Expiration Date	Matter Sub-Type	Status	Sub Status	Current Owner	Assignee	Title	Business Classification	Inventors
S-8135MX2	MX	PA/a/2005/006914	266457		10/15/1997	10/22/2004	04/30/2009	10/22/2024	National Stage	Active	Issued	Covidien LP	Covidien LP	LUBRICANT COMPOSITIONS, THEIR PREPARATION AND ARTICLES COATED THEREWITH.	Patient Monitoring & Recovery - PMR - Mansfield | Urology | Other Urology	McGhee, Diane (COV-PV-DM1)
S-8135MX5	MX	MX/a/2008/013038	281281		10/31/2007	10/08/2008	11/24/2010	10/08/2028	Utility	Active	Issued	Covidien LP	Covidien LP	ANTIMICROBIAL LUBRICIOUS COATING	Patient Monitoring & Recovery - PMR - Mansfield | Urology | Other Urology	McGhee, Diane (COV-PV-DM1)
S-8135MY2	MY	PI20044372	MY-139104-A		10/23/2003	10/22/2004	08/28/2009	10/22/2024	Utility	Active	Issued	Covidien LP	Covidien LP	LUBRICIOUS COMPOSITIONS, METHOD OF PREPARATION, AND ARTICLE COATED THEREWITH	Patient Monitoring & Recovery - PMR - Mansfield | Urology | Other Urology	McGhee, Diane (COV-PV-DM1)
S-8135US1	US	09/739577	6645483	0051669	10/07/1998	12/18/2000	11/11/2003	10/07/2018	Continuation-in-Part	Active	Issued	Covidien LP	Covidien LP	LUBRICIOUS COATING	Patient Monitoring & Recovery - PMR - Mansfield | Urology | Other Urology	McGhee, Diane (COV-PV-DM1)
S-8135US2	US	10/691853	7141246	US-2004-0127598-A1	10/07/1998	10/23/2003	11/28/2006	02/24/2019	Continuation-in-Part	Active	Issued	Covidien LP	Covidien LP	LUBRICIOUS COATING	Patient Monitoring & Recovery - PMR - Mansfield | Urology | Other Urology	McGhee, Diane (COV-PV-DM1)
S-8135US4	US	11/592859	7402620	20070053949A1	10/23/2003	11/03/2006	07/22/2008	10/30/2023	Continuation	Active	Issued	Covidien LP	Covidien LP	Lubricious coating	Patient Monitoring & Recovery - PMR - Mansfield | Urology | Other Urology	McGhee, Diane (COV-PV-DM1)
S-8135US5	US	11/930790	7820734	20080085949	10/07/1998	10/31/2007	10/26/2010	10/07/2018	Continuation-in-Part	Active	Issued	Covidien LP	Covidien LP	Antimicrobial Lubricious Coating	Patient Monitoring & Recovery - PMR - Mansfield | Urology | Other Urology	McGhee, Diane (COV-PV-DM1)
S-8135AU1	AU	2002246277	2002246277		10/15/1997	12/13/2001	01/11/2007	12/13/2021	National Stage	Active	Issued	Covidien LP	Covidien LP	LUBRICIOUS COATING	Patient Monitoring & Recovery - PMR - Mansfield | Urology | Other Urology	McGhee, Diane (COV-PV-DM1); Britton, Scott (MITG-SMB1); Huang, Yeong (MITG-YHH)
S-8135CA	CA	2307314	2307314	2307314	10/15/1997	10/10/1998	06/10/2008	10/10/2018	National Stage	Active	Issued	Covidien LP	Covidien LP	LUBRICIOUS COATING	Patient Monitoring & Recovery - PMR - Mansfield | Urology | Other Urology	McGhee, Diane (COV-PV-DM1); Britton, Scott (MITG-SMB1); Huang, Yeong (MITG-YHH)
S-8135CA1	CA	2431126	2431126	2431126	10/15/1997	12/13/2001	02/08/2011	12/13/2021	National Stage	Active	Issued	Covidien LP	Covidien LP	LUBRICIOUS COATING COMPRISING PHARMACOLOGICAL ADDITIVES	Patient Monitoring & Recovery - PMR - Mansfield | Urology | Other Urology	McGhee, Diane (COV-PV-DM1); Britton, Scott (MITG-SMB1); Huang, Yeong (MITG-YHH)
S-8135DE	DE	98950114.3	1023090	69810951	10/15/1997	10/10/1998	08/02/2000	10/10/2018	National Stage	Active	Issued	Covidien LP	Covidien LP	LUBRICIOUS COATING	Patient Monitoring & Recovery - PMR - Mansfield | Urology | Other Urology	McGhee, Diane (COV-PV-DM1); Britton, Scott (MITG-SMB1); Huang, Yeong (MITG-YHH)
S-8135DE1	DE	01994050.1	60118602.8	1343546	10/15/1997	12/13/2001	02/23/2006	12/13/2021	National Stage	Active	Issued	Covidien LP	Covidien LP	LUBRICIOUS COATING	Patient Monitoring & Recovery - PMR - Mansfield | Urology | Other Urology	McGhee, Diane (COV-PV-DM1); Britton, Scott (MITG-SMB1); Huang, Yeong (MITG-YHH)
S-8135ES1	ES	01994050.1	1343546	1343546	10/15/1997	12/13/2001	04/05/2006	12/13/2021	National Stage	Active	Issued	Covidien LP	Covidien LP	LUBRICIOUS COATING	Patient Monitoring & Recovery - PMR - Mansfield | Urology | Other Urology	McGhee, Diane (COV-PV-DM1); Britton, Scott (MITG-SMB1); Huang, Yeong (MITG-YHH)
S-8135FR1	FR	01994050.1	1343546	1343546	10/15/1997	12/13/2001	02/23/2006	12/13/2021	National Stage	Active	Issued	Covidien LP	Covidien LP	LUBRICIOUS COATING	Patient Monitoring & Recovery - PMR - Mansfield | Urology | Other Urology	McGhee, Diane (COV-PV-DM1); Britton, Scott (MITG-SMB1); Huang, Yeong (MITG-YHH)
S-8135GB	GB	98950114.3	1023090	1023090	10/15/1997	10/10/1998	08/02/2000	10/10/2018	National Stage	Active	Issued	Covidien LP	Covidien LP	LUBRICIOUS COATING	Patient Monitoring & Recovery - PMR - Mansfield | Urology | Other Urology	McGhee, Diane (COV-PV-DM1); Britton, Scott (MITG-SMB1); Huang, Yeong (MITG-YHH)
S-8135GB1	GB	01994050.1	1343546	1343546	10/15/1997	12/13/2001	02/23/2006	12/13/2021	National Stage	Active	Issued	Covidien LP	Covidien LP	LUBRICIOUS COATING	Patient Monitoring & Recovery - PMR - Mansfield | Urology | Other Urology	McGhee, Diane (COV-PV-DM1); Britton, Scott (MITG-SMB1); Huang, Yeong (MITG-YHH)
S-8135IE1	IE	01994050.1	1343546	1343546	10/15/1997	12/13/2001	02/23/2006	12/13/2021	National Stage	Active	Issued	Covidien LP	Covidien LP	LUBRICIOUS COATING	Patient Monitoring & Recovery - PMR - Mansfield | Urology | Other Urology	McGhee, Diane (COV-PV-DM1); Britton, Scott (MITG-SMB1); Huang, Yeong (MITG-YHH)
S-8135IT1	IT	01994050.1	1343546	1343546	10/15/1997	12/13/2001	02/23/2006	12/13/2021	National Stage	Active	Issued	Covidien LP	Covidien LP	LUBRICIOUS COATING	Patient Monitoring & Recovery - PMR - Mansfield | Urology | Other Urology	McGhee, Diane (COV-PV-DM1); Britton, Scott (MITG-SMB1); Huang, Yeong (MITG-YHH)
S-8135JP	JP	2000-515634	4690544		10/15/1997	10/10/1998	02/25/2011	10/10/2018	National Stage	Active	Issued	Covidien LP	Covidien LP	LUBRICIOUS COATING	Patient Monitoring & Recovery - PMR - Mansfield | Urology | Other Urology	McGhee, Diane (COV-PV-DM1); Britton, Scott (MITG-SMB1); Huang, Yeong (MITG-YHH)
S-8135MX	MX	003701	228148		10/15/1997	10/10/1998	05/31/2005	10/10/2018	National Stage	Active	Issued	Covidien LP	Covidien LP	LUBRICIOUS COATING	Patient Monitoring & Recovery - PMR - Mansfield | Urology | Other Urology	McGhee, Diane (COV-PV-DM1); Britton, Scott (MITG-SMB1); Huang, Yeong (MITG-YHH)
S-8135MX1	MX	2003/005404	258481		10/15/1997	12/13/2001	07/04/2008	12/13/2021	National Stage	Active	Issued	Covidien LP	Covidien LP	LUBRICIOUS COATING	Patient Monitoring & Recovery - PMR - Mansfield | Urology | Other Urology	McGhee, Diane (COV-PV-DM1); Britton, Scott (MITG-SMB1); Huang, Yeong (MITG-YHH)
S-8135NZ	NZ	504019	504019		10/15/1997	10/10/1998	10/06/2003	10/10/2018	National Stage	Active	Issued	Covidien LP	Covidien LP	LUBRICIOUS COATING	Patient Monitoring & Recovery - PMR - Mansfield | Urology | Other Urology	McGhee, Diane (COV-PV-DM1); Britton, Scott (MITG-SMB1); Huang, Yeong (MITG-YHH)
1821KGB2	GB	00958809.6	1210409	1210409	09/07/1999	09/07/2000	11/29/2006	09/07/2020	National Stage	Active	Issued	Covidien LP	Covidien LP	CELL GROWTH SUBSTRATE	Patient Monitoring & Recovery - PMR - Mansfield | Wound Care | Advanced Wound Care | Other Advanced Wound Care	Medical-Surgical (COVAG)
1821KCA	CA	2380767	2380767	2380767	09/07/1999	09/07/2000	01/11/2011	09/07/2020	National Stage	Active	Issued	Covidien LP	Covidien LP	CELL GROWTH SUBSTRATE	Patient Monitoring & Recovery - PMR - Mansfield | Wound Care | Advanced Wound Care | Other Advanced Wound Care	Medical-Surgical (COVLP)
1831KUS	US	11/299568	7931606	20070135743	12/12/2005	12/12/2005	04/26/2011	12/12/2025	Utility	Active	Issued	Covidien LP	Covidien LP	Compression Apparatus	Patient Monitoring & Recovery - PMR - Mansfield | Vascular Compression	Meyer, Ann (meyera7)
1839KMX	MX	MX/a/2009/003000	311899		09/21/2006	09/21/2007	08/01/2013	09/21/2027	National Stage	Active	Issued	Covidien LP	Covidien LP	Safety Connector Assembly	Patient Monitoring & Recovery - PMR - Mansfield | Vascular Compression	Meyer, Ann (meyera7); Bock, Malcolm (MITG-MGB)
1839KUS	US	11/533924	8257286	20080077063	09/21/2006	09/21/2006	09/04/2012	02/10/2030	Utility	Active	Issued	Covidien LP	Covidien LP	Safety Connector Apparatus	Patient Monitoring & Recovery - PMR - Mansfield | Vascular Compression	Meyer, Ann (meyera7); Bock, Malcolm (MITG-MGB)
H-KN-00276AU	AU	2006252007	2006252007		12/12/2005	12/12/2006	05/17/2010	12/12/2026	Utility	Active	Issued	Covidien LP	Covidien LP	Compression Sleeve Having Air Conduit	Patient Monitoring & Recovery - PMR - Mansfield | Vascular Compression	Meyer, Ann (meyera7); Denson, Jesse (denso2); Braga, Richard (COV-PV-RB1); Bock, Malcolm (MITG-MGB);
H-KN-00276BR	BR	PI 0605251-7			12/12/2005	12/12/2006			Utility	Active	Published	Covidien LP	Covidien LP	Compression Sleeve Having Air Conduit	Patient Monitoring & Recovery - PMR - Mansfield | Vascular Compression	Meyer, Ann (meyera7); Denson, Jesse (denso2); Braga, Richard (COV-PV-RB1); Bock, Malcolm (MITG-MGB);
H-KN-00276CA	CA	2570648	2570648	2570648	12/12/2005	12/08/2006	05/14/2013	12/08/2026	Utility	Active	Issued	Covidien LP	Covidien LP	Compression Sleeve Having Air Conduit	Patient Monitoring & Recovery - PMR - Mansfield | Vascular Compression	Meyer, Ann (meyera7); Denson, Jesse (denso2); Braga, Richard (COV-PV-RB1); Bock, Malcolm (MITG-MGB);
H-KN-00276DE01	DE	06025443.0	602006043690.4		12/12/2005	12/08/2006	11/19/2014	12/08/2026	National Stage	Active	Issued	Covidien LP	Covidien LP	Compression Sleeve Having Air Conduit	Patient Monitoring & Recovery - PMR - Mansfield | Vascular Compression	Meyer, Ann (meyera7); Denson, Jesse (denso2); Braga, Richard (COV-PV-RB1); Bock, Malcolm (MITG-MGB);
H-KN-00276EP	EP	06025443.0	1795167	1795167	12/12/2005	12/08/2006	11/19/2014	12/08/2026	Utility	Active	Issued	Covidien LP	Covidien LP	Compression Sleeve Having Air Conduit	Patient Monitoring & Recovery - PMR - Mansfield | Vascular Compression	Meyer, Ann (meyera7); Denson, Jesse (denso2); Braga, Richard (COV-PV-RB1); Bock, Malcolm (MITG-MGB);
H-KN-00276GB01	GB	06025443.0	1795167		12/12/2005	12/08/2006	11/19/2014	12/08/2026	National Stage	Active	Issued	Covidien LP	Covidien LP	Compression Sleeve Having Air Conduit	Patient Monitoring & Recovery - PMR - Mansfield | Vascular Compression	Meyer, Ann (meyera7); Denson, Jesse (denso2); Braga, Richard (COV-PV-RB1); Bock, Malcolm (MITG-MGB);
H-KN-00276IN	IN	2640/DEL/2006	244194	2460/DEL/2006	12/12/2005	12/11/2006	11/23/2010	12/11/2026	Utility	Active	Issued	Covidien LP	Covidien LP	Compression Sleeve Having Air Conduit	Patient Monitoring & Recovery - PMR - Mansfield | Vascular Compression	Meyer, Ann (meyera7); Denson, Jesse (denso2); Braga, Richard (COV-PV-RB1); Bock, Malcolm (MITG-MGB);
H-KN-00276KR	KR	10-2006-125525	834198		12/12/2005	12/11/2006	05/26/2008	12/11/2026	Utility	Active	Issued	Covidien LP	Covidien LP	Compression Sleeve Having Air Conduit	Patient Monitoring & Recovery - PMR - Mansfield | Vascular Compression	Meyer, Ann (meyera7); Denson, Jesse (denso2); Braga, Richard (COV-PV-RB1); Bock, Malcolm (MITG-MGB);

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Matter #	Country	App #	Patent #	Pub #	Priority Date	App Date	Issue Date	Expiration Date	Matter Sub-Type	Status	Sub Status	Current Owner	Assignee	Title	Business Classification	Inventors
H-KN-00276MX	MX	PA/a/2006/014449	270991		12/12/2005	12/11/2006	10/16/2009	12/11/2026	Utility	Active	Issued	Covidien LP	Covidien LP	Compression Sleeve Having Air Conduit	Patient Monitoring & Recovery - PMR - Mansfield | Vascular Compression	Meyer, Ann (meyera7); Denson, Jesse (denso j2); Braga, Richard (COV-PV-RB1); Bock, Malcolm (MITG-MGB);
H-KN-00276US	US	11/299488	7442175	20070135742	12/12/2005	12/12/2005	10/28/2008	12/12/2025	Utility	Active	Issued	Covidien LP	Covidien LP	Compression Sleeve having Air Conduit	Patient Monitoring & Recovery - PMR - Mansfield | Vascular Compression	Meyer, Ann (meyera7); Denson, Jesse (denso j2); Braga, Richard (COV-PV-RB1); Bock, Malcolm (MITG-MGB);
H-KN-00276US1	US	12/251004	8029451	20090062703	12/12/2005	10/14/2008	10/04/2011	09/14/2026	Continuation-in-Part	Active	Issued	Covidien LP	Covidien LP	Compression Sleeve Having Air Conduits	Patient Monitoring & Recovery - PMR - Mansfield | Vascular Compression	Meyer, Ann (meyera7); Vess, Mark (MITG-MAV)
H-KN-00276US2	US	12/887784	8079970	20110009785	10/14/2008	09/22/2010	12/20/2011	12/12/2025	Continuation	Active	Issued	Covidien LP	Covidien LP	Compression Sleeve Having Air Conduits Formed by Textured Surface	Patient Monitoring & Recovery - PMR - Mansfield | Vascular Compression	Meyer, Ann (meyera7); Vess, Mark (MITG-MAV)
H-KN-00380CA	CA	2585709		2585709	05/08/2006	04/23/2007			Utility	Active	Published	Covidien LP	Covidien LP	Radial Electrode Array	Patient Monitoring & Recovery - PMR - Mansfield | Monitoring & Operating Room | Other MORP	Meyer, Peter F. (MITG-PM10)
H-KN-00380CA01	CA	2890809	2890809		05/08/2006	04/23/2007	12/13/2016	12/13/2036	Divisional	Active	Issued	Covidien LP	Covidien LP	Radial Electrode Array	Patient Monitoring & Recovery - PMR - Mansfield | Monitoring & Operating Room | Other MORP	Meyer, Peter F. (MITG-PM10)
H-KN-00380CNDIV	CN	201180026117.1	ZL201180026117.1	102958560	05/08/2006	04/26/2007	08/12/2015	04/26/2027	National Stage	Active	Issued-Grapsed	Covidien LP	Covidien LP	Radial Electrode Array	Patient Monitoring & Recovery - PMR - Mansfield | Monitoring & Operating Room | Other MORP	Meyer, Peter F. (MITG-PM10)
H-KN-00380DE	DE	07251765.9	602007025686.0	1854403	05/08/2006	04/26/2007	09/26/2012	04/26/2027	National Stage	Active	Issued	Covidien LP	Covidien LP	Radial Electrode Array	Patient Monitoring & Recovery - PMR - Mansfield | Monitoring & Operating Room | Other MORP	Meyer, Peter F. (MITG-PM10)
H-KN-00380DEDIV	DE	10189584.5	2283771	2283771	05/08/2006	04/26/2007	09/18/2013	04/26/2027	National Stage	Active	Issued	Covidien LP	Covidien LP	Radial Electrode Array	Patient Monitoring & Recovery - PMR - Mansfield | Monitoring & Operating Room | Other MORP	Meyer, Peter F. (MITG-PM10)
H-KN-00380ES	ES	07251765.9	1854403	1854403	05/08/2006	04/26/2007	09/26/2012	04/26/2027	National Stage	Active	Issued	Covidien LP	Covidien LP	Radial Electrode Array	Patient Monitoring & Recovery - PMR - Mansfield | Monitoring & Operating Room | Other MORP	Meyer, Peter F. (MITG-PM10)
H-KN-00380ESDIV	ES	10189584.5	2283771	2283771	05/08/2006	04/26/2007	09/18/2013	04/26/2027	National Stage	Active	Issued	Covidien LP	Covidien LP	Radial Electrode Array	Patient Monitoring & Recovery - PMR - Mansfield | Monitoring & Operating Room | Other MORP	Meyer, Peter F. (MITG-PM10)
H-KN-00380FR	FR	07251765.9	1854403	1854403	05/08/2006	04/26/2007	09/26/2012	04/26/2027	National Stage	Active	Issued	Covidien LP	Covidien LP	Radial Electrode Array	Patient Monitoring & Recovery - PMR - Mansfield | Monitoring & Operating Room | Other MORP	Meyer, Peter F. (MITG-PM10)
H-KN-00380FRDIV	FR	10189584.5	2283771	2283771	05/08/2006	04/26/2007	09/18/2013	04/26/2027	National Stage	Active	Issued	Covidien LP	Covidien LP	Radial Electrode Array	Patient Monitoring & Recovery - PMR - Mansfield | Monitoring & Operating Room | Other MORP	Meyer, Peter F. (MITG-PM10)
H-KN-00380GB	GB	07251765.9	1854403	1854403	05/08/2006	04/26/2007	09/26/2012	04/26/2027	National Stage	Active	Issued	Covidien LP	Covidien LP	Radial Electrode Array	Patient Monitoring & Recovery - PMR - Mansfield | Monitoring & Operating Room | Other MORP	Meyer, Peter F. (MITG-PM10)
H-KN-00380GBDIV	GB	10189584.5	2283771	2283771	05/08/2006	04/26/2007	09/18/2013	04/26/2027	National Stage	Active	Issued	Covidien LP	Covidien LP	Radial Electrode Array	Patient Monitoring & Recovery - PMR - Mansfield | Monitoring & Operating Room | Other MORP	Meyer, Peter F. (MITG-PM10)
H-KN-00380JP	JP	2007-115344	5033466	2007-301358	05/08/2006	04/25/2007	07/06/2012	04/25/2027	Utility	Active	Issued	Covidien LP	Covidien LP	Radial Electrode Array	Patient Monitoring & Recovery - PMR - Mansfield | Monitoring & Operating Room | Other MORP	Meyer, Peter F. (MITG-PM10)
H-KN-00380US1	US	11/529651	7616980	20070260133	05/08/2006	09/28/2006	11/10/2009	10/13/2027	Utility	Active	Issued	Covidien LP	Covidien LP	Radial Electrode Array	Patient Monitoring & Recovery - PMR - Mansfield | Monitoring & Operating Room | Other MORP	Meyer, Peter F. (MITG-PM10)
H-KN-00380US2	US	12/571907	7925323	20100022865	05/08/2006	10/01/2009	04/12/2011	09/28/2026	Continuation	Active	Issued	Covidien LP	Covidien LP	Radial Electrode Array	Patient Monitoring & Recovery - PMR - Mansfield | Monitoring & Operating Room | Other MORP	Meyer, Peter F. (MITG-PM10)
H-KN-01003US	US	12/407565	8399731	2010-0241196-A1	03/19/2009	03/19/2009	03/19/2013	01/01/2030	Utility	Active	Issued	Covidien LP	Covidien LP	Phototherapy Wound Treatment	Patient Monitoring & Recovery - PMR - Mansfield | Wound Care | Other Wound Care	Meyer, Peter F. (MITG-PM10)
H-KN-00665US	US	12/677004	8813986	20110073598	09/06/2007	09/06/2007	08/26/2014	12/20/2030	National Stage	Active	Issued	Covidien LP	Covidien LP	Touchless Auto-Drop Sharps Container	Patient Monitoring & Recovery - PMR - Mansfield | Sharps Disposal | Other Sharps Disposal	Miller, Charyn (millec33); Liscio, Michael (liscim1); Moats, Donna (COV-PV-DM); Trupiano, Anthony (MITG-AT4); Finnestad, Mark (MITG-MBF2); Ottaviano, Derek
H-NS-01219AU	AU	2011258245	2011258245		05/27/2010	05/26/2011	12/19/2013	05/26/2031	National Stage	Active	Issued	Covidien LP	Covidien LP	Connector Cap and Transfusion Line Connection Apparatus Comprising Same	Patient Monitoring & Recovery - PMR - Mansfield | Intravenous Access/Prefill | Other Intravenous Access/Prefill	Miyasaka, Susumu (miyass1)
H-NS-01219CN	CN	201180026117.1	ZL201180026117.1	102958560	05/27/2010	05/26/2011	11/25/2015	05/26/2031	National Stage	Active	Issued	Covidien LP	Covidien LP	Connector Cap and Transfusion Line Connection Apparatus Comprising Same	Patient Monitoring & Recovery - PMR - Mansfield | Intravenous Access/Prefill | Other Intravenous Access/Prefill	Miyasaka, Susumu (miyass1)
H-NS-01219EP	EP	11724885.6		2575953	05/27/2010	05/26/2011			National Stage	Active	Published	Covidien LP	Covidien LP	Connector Cap and Transfusion Line Connection Apparatus Comprising Same	Patient Monitoring & Recovery - PMR - Mansfield | Intravenous Access/Prefill | Other Intravenous Access/Prefill	Miyasaka, Susumu (miyass1)
H-NS-01219US	US	13/700361		20130274702	05/27/2010	05/26/2011			National Stage	Active	Published	Covidien LP	Covidien LP	Connector Cap and Transfusion Line Connection Apparatus Comprising Same	Patient Monitoring & Recovery - PMR - Mansfield | Intravenous Access/Prefill | Other Intravenous Access/Prefill	Miyasaka, Susumu (miyass1)
H-NS-01220US	US	13/156510	8603072	2011-0306940-A1	06/14/2010	06/09/2011	12/10/2013	10/04/2031	Utility	Active	Issued	Covidien LP	Covidien LP	Male Connector and Transfusion Line Connection Apparatus Equipped With Male Connector	Patient Monitoring & Recovery - PMR - Mansfield | Intravenous Access/Prefill | Other Intravenous Access/Prefill	Miyasaka, Susumu (miyass1)
H-NS-01220US1	US	14/074757	9,539,419	20140074045	06/14/2010	11/08/2013	01/10/2017	06/01/2032	Continuation	Active	Issued	Covidien LP	Covidien LP	Male Connector and Transfusion Line Connection Apparatus Equipped with Male Connector	Patient Monitoring & Recovery - PMR - Mansfield | Intravenous Access/Prefill | Other Intravenous Access/Prefill	Miyasaka, Susumu (miyass1)

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Matter #	Country	App #	Patent #	Pub #	Priority Date	App Date	Issue Date	Expiration Date	Matter Sub-Type	Status	Sub Status	Current Owner	Assignee	Title	Business Classification	Inventors
H-KN-02322CN	CN	201480005326.1		CN104918589A	12/09/2011	01/17/2014			National Stage	Active	Published	Covidien LP	Covidien LP	Antimicrobial Non-Adherent Dressings and Related Methods Therefor	Patient Monitoring & Recovery - PMR - Mansfield | Wound Care | Other Wound Care	Moghe, Ajit {MITG-AKM}; Kanchagar, Anand {MITG-APK}
H-KN-02322MX	MX	MX/a/2015/008702			12/09/2011	01/17/2014			National Stage	Active	Filed	Covidien LP	Covidien LP	Antimicrobial Non-Adherent Dressings and Related Methods Therefor	Patient Monitoring & Recovery - PMR - Mansfield | Wound Care | Other Wound Care	Moghe, Ajit {MITG-AKM}; Kanchagar, Anand {MITG-APK}
H-KN-02322US	US	13/746012	9,402,770	20130150765	12/09/2011	01/21/2013	08/02/2016	02/09/2032	Continuation-in-Part	Active	Issued	Covidien LP	Covidien LP	Antimicrobial Non-Adherent Dressings and Related Methods Therefor	Patient Monitoring & Recovery - PMR - Mansfield | Wound Care | Other Wound Care	Moghe, Ajit {MITG-AKM}; Kanchagar, Anand {MITG-APK}
H-KN-00686US1	US	11/951086	8238996	20080154110	12/05/2006	12/05/2007	08/07/2012	06/03/2030	Utility	Active	Issued	Covidien LP	Covidien LP	Electrode Array	Patient Monitoring & Recovery - PMR - Mansfield | Monitoring & Operating Room | Other MORP	Moore, Dawn (moored22); Coggins, Scott (coggis1); Burnes, Lee (COV-PV-LCB); Tauer, Mark (MITG-MT5)
H-KN-00686US2	US	13/531783	8868152	20120323104	12/05/2006	06/25/2012	10/21/2014	12/05/2027	Continuation	Active	Issued	Covidien LP	Covidien LP	Electrode Array	Patient Monitoring & Recovery - PMR - Mansfield | Monitoring & Operating Room | Other MORP	Moore, Dawn (moored22); Coggins, Scott (coggis1); Burnes, Lee (COV-PV-LCB); Tauer, Mark (MITG-MT5)
H-KN-00489US1	US	11/862718	8038656	20080082055	09/29/2006	09/27/2007	10/18/2011	04/18/2028	Utility	Active	Issued	Covidien LP	Covidien LP	Detachable Plunger Rod Syringe	Patient Monitoring & Recovery - PMR - Mansfield | Needles & Syringes | Other Needles & Syringes	Morefield, Ellen {MITG-EMS}; Sampson, Eric {MITG-EMS}; Lloyd, Ronald {MITG-RLS}
H-NS-00052US1	US	12/826114	8672955	20100305586	12/26/2005	06/29/2010	03/18/2014	08/08/2030	Continuation	Active	Issued	Covidien LP	Covidien LP	Medical Suture Device	Patient Monitoring & Recovery - PMR - Mansfield | Monitoring & Operating Room | Other MORP	Nagata, Katsuki (nagatk1); KITANI, Ichiro {MITG-IK}; Funamura, Shigeaki {MITG-SF6}; WADA, Yoshihiro {MITG-YW1}
H-NS-01209DE	DE	10009769.0	2301512	2301512	09/25/2009	09/17/2010	12/05/2012	09/17/2030	National Stage	Active	Issued	Covidien LP	Covidien LP	Tube for Gastrointestinal Tract	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Gastrointestinal	Nagata, Katsuki (nagatk1); Miyasaka, Susumu (miyass1)
H-NS-01209FR	FR	10009769.0	2301512	2301512	09/25/2009	09/17/2010	12/05/2012	09/17/2030	National Stage	Active	Issued	Covidien LP	Covidien LP	Tube for Gastrointestinal Tract	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Gastrointestinal	Nagata, Katsuki (nagatk1); Miyasaka, Susumu (miyass1)
H-NS-01209GB	GB	10009769.0	2301512	2301512	09/25/2009	09/17/2010	12/05/2012	09/17/2030	National Stage	Active	Issued	Covidien LP	Covidien LP	Tube for Gastrointestinal Tract	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Gastrointestinal	Nagata, Katsuki (nagatk1); Miyasaka, Susumu (miyass1)
H-NS-00007CA	CA	2564136	2564136	2564136	04/30/2004	04/29/2005	09/10/2013	04/29/2025	National Stage	Active	Issued	Covidien LP	Covidien LP	Gastrostomy Tube Extension Device	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Gastrointestinal	Nagata, Katsuki (nagatk1); Watanabe, Motonori (watanm9); ABE, Kazuhiro {MITG-KA4}
H-NS-00007US	US	11/631831	8147454	20070287962	04/30/2004	04/29/2005	04/03/2012	12/02/2025	Utility	Active	Issued	Covidien LP	Covidien LP	Gastrostomy Tube Extension Device	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Gastrointestinal	Nagata, Katsuki (nagatk1); Watanabe, Motonori (watanm9); ABE, Kazuhiro {MITG-KA4}
H-NS-00007US1	US	13/408603	8622968	20120220946	04/30/2004	02/29/2012	01/07/2014	04/30/2024	Continuation	Active	Issued	Covidien LP	Covidien LP	Gastrostomy Tube Extension Device	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Gastrointestinal	Nagata, Katsuki (nagatk1); Watanabe, Motonori (watanm9); ABE, Kazuhiro {MITG-KA4}
H-KN-01024DE	DE	09154292.8	602009016977.7	2098213	03/04/2008	03/04/2009	07/10/2013	03/04/2029	National Stage	Active	Issued	Covidien LP	Covidien LP	Compression Device with Sole	Patient Monitoring & Recovery - PMR - Mansfield | Vascular Compression	NARDI, Steve {MITG-SN4}
H-KN-01024ES	ES	09154292.8	2098213	2098213	03/04/2008	03/04/2009	07/10/2013	03/04/2029	National Stage	Active	Issued	Covidien LP	Covidien LP	Compression Device with Sole	Patient Monitoring & Recovery - PMR - Mansfield | Vascular Compression	NARDI, Steve {MITG-SN4}
H-KN-01024FR	FR	09154292.8	2098213	2098213	03/04/2008	03/04/2009	07/10/2013	03/04/2029	National Stage	Active	Issued	Covidien LP	Covidien LP	Compression Device with Sole	Patient Monitoring & Recovery - PMR - Mansfield | Vascular Compression	NARDI, Steve {MITG-SN4}
H-KN-01024IT	IT	09154292.8	2098213	2098213	03/04/2008	03/04/2009	07/10/2013	03/04/2029	National Stage	Active	Issued	Covidien LP	Covidien LP	Compression Device with Sole	Patient Monitoring & Recovery - PMR - Mansfield | Vascular Compression	NARDI, Steve {MITG-SN4}
H-KN-01024JP	JP	2009-50168	4955721	P2009-213884A	03/04/2008	03/04/2009	03/23/2012	03/04/2029	Utility	Active	Issued	Covidien LP	Covidien LP	Compression Device with Sole	Patient Monitoring & Recovery - PMR - Mansfield | Vascular Compression	NARDI, Steve {MITG-SN4}
H-KN-01024US	US	12/041816	8192380	2009-0227917	03/04/2008	03/04/2008	06/05/2012	04/06/2031	Utility	Active	Issued	Covidien LP	Covidien LP	Compression Device with Sole	Patient Monitoring & Recovery - PMR - Mansfield | Vascular Compression	NARDI, Steve {MITG-SN4}
H-KN-01034GB1	GB	09170796.8	2127627	2127627	03/04/2008	09/21/2009	05/25/2011	03/04/2029	Divisional	Active	Issued	Covidien LP	Covidien LP	Bendable Sole for Compression Foot Cuff	Patient Monitoring & Recovery - PMR - Mansfield | Vascular Compression	NARDI, Steve {MITG-SN4}
1795KAR	AR	P010103246	AR031713B1	0031713	07/07/2000	07/06/2001	08/31/2007	07/06/2021	Utility	Active	Issued	Covidien LP	Covidien LP	METHOD AND MANUFACTURE OF A WOUND DRESSING FOR COVERING AN OPEN WOUND	Patient Monitoring & Recovery - PMR - Mansfield | Wound Care | Other Wound Care	Orr, Robert {MITG-RHO}
1795KAU	AU	2001273168	2001273168		07/07/2000	07/05/2001	08/31/2006	07/05/2021	National Stage	Active	Issued	Covidien LP	Covidien LP	METHOD AND MANUFACTURE OF A WOUND DRESSING FOR COVERING AN OPEN WOUND	Patient Monitoring & Recovery - PMR - Mansfield | Wound Care | Other Wound Care	Orr, Robert {MITG-RHO}
1795KCH	CH	01952414.9	1299059		07/07/2000	07/05/2001	02/18/2015	07/05/2021	National Stage	Active	Issued	Covidien LP	Covidien LP	METHOD AND MANUFACTURE OF A WOUND DRESSING FOR COVERING AN OPEN WOUND	Patient Monitoring & Recovery - PMR - Mansfield | Wound Care | Other Wound Care	Orr, Robert {MITG-RHO}
1795KCN	CN	01812443.7	ZL01812443.7	1449271A	07/07/2000	07/05/2001	11/30/2007	07/05/2021	National Stage	Active	Issued	Covidien LP	Covidien LP	Method for covering an open wound, and manufacturing of a wound dressing for covering an open wound.	Patient Monitoring & Recovery - PMR - Mansfield | Wound Care | Other Wound Care	Orr, Robert {MITG-RHO}
1795KDE	DE	01952414.9	1299059		07/07/2000	07/05/2001	02/18/2015	07/05/2021	National Stage	Active	Issued	Covidien LP	Covidien LP	METHOD AND MANUFACTURE OF A WOUND DRESSING FOR COVERING AN OPEN WOUND	Patient Monitoring & Recovery - PMR - Mansfield | Wound Care | Other Wound Care	Orr, Robert {MITG-RHO}
1795KFR	FR	01952414.9	1299059		07/07/2000	07/05/2001	02/18/2015	07/05/2021	National Stage	Active	Issued	Covidien LP	Covidien LP	METHOD AND MANUFACTURE OF A WOUND DRESSING FOR COVERING AN OPEN WOUND	Patient Monitoring & Recovery - PMR - Mansfield | Wound Care | Other Wound Care	Orr, Robert {MITG-RHO}
1795KGB	GB	01952414.9	1299059		07/07/2000	07/05/2001	02/18/2015	07/05/2021	National Stage	Active	Issued	Covidien LP	Covidien LP	METHOD AND MANUFACTURE OF A WOUND DRESSING FOR COVERING AN OPEN WOUND	Patient Monitoring & Recovery - PMR - Mansfield | Wound Care | Other Wound Care	Orr, Robert {MITG-RHO}

Matter #	Country	App #	Patent #	Pub #	Priority Date	App Date	Issue Date	Expiration Date	Matter Sub-Type	Status	Sub Status	Current Owner	Assignee	Title	Business Classification	Inventors
1795KIE	IE	01952414.9	1299059		07/07/2000	07/05/2001	02/18/2015	07/05/2021	National Stage	Active	Issued	Covidien LP	Covidien LP	METHOD AND MANUFACTURE OF A WOUND DRESSING FOR COVERING AN OPEN WOUND	Patient Monitoring & Recovery - PMR - Mansfield | Wound Care | Other Wound Care	Orr, Robert {MITG-RHO}
1795KMX	MX	2003/000167	248682		07/07/2000	07/05/2001	09/04/2007	07/05/2021	National Stage	Active	Issued	Covidien LP	Covidien LP	METHOD AND MANUFACTURE OF A WOUND DRESSING FOR COVERING AN OPEN WOUND	Patient Monitoring & Recovery - PMR - Mansfield | Wound Care | Other Wound Care	Orr, Robert {MITG-RHO}
1795KUS	US	09/611482	6369289		07/07/2000	07/07/2000	04/09/2002	07/07/2020	Utility	Active	Issued	Covidien LP	Covidien LP	METHOD AND MANUFACTURE OF A WOUND DRESSING FOR COVERING AN OPEN WOUND	Patient Monitoring & Recovery - PMR - Mansfield | Wound Care | Other Wound Care	Orr, Robert {MITG-RHO}
H-KN-02664AU3	AU	16154/2013	352952		06/17/2013	11/26/2013	12/16/2013	11/26/2023	Design	Active	Issued	Covidien LP	Covidien LP	Display Screen with a Transitional Venous Refill Detection Icon	Patient Monitoring & Recovery - PMR - Mansfield | Vascular Compression	O'Sullivan, Daniel {OSULLIV DP}; Denson, Jesse {densoj2}; Keith, Laura {keithl1}; Wudyka, Scott
H-KN-02664AU4	AU	16155/2013	352953		06/17/2013	11/26/2013	12/16/2013	11/26/2023	Design	Active	Issued	Covidien LP	Covidien LP	Display Screen with Graphical User Interface for Venous Refill Detection	Patient Monitoring & Recovery - PMR - Mansfield | Vascular Compression	O'Sullivan, Daniel {OSULLIV DP}; Denson, Jesse {densoj2}; Keith, Laura {keithl1}; Wudyka, Scott
H-KN-02664EM0002	EU	001391338	001391338-0002		06/17/2013	11/27/2013	01/17/2014	11/27/2038	Design	Active	Issued	Covidien LP	Covidien LP	Display Screen with a Graphical User Interface for Venous Refill Detection	Patient Monitoring & Recovery - PMR - Mansfield | Vascular Compression	O'Sullivan, Daniel {OSULLIV DP}; Denson, Jesse {densoj2}; Keith, Laura {keithl1}; Wudyka, Scott
H-KN-02664EM0003	EU	001391338	001391338-0003		06/17/2013	11/27/2013	01/17/2014	11/27/2038	Design	Active	Issued	Covidien LP	Covidien LP	Display Screen with a Graphical User Interface for Venous Refill Detection	Patient Monitoring & Recovery - PMR - Mansfield | Vascular Compression	O'Sullivan, Daniel {OSULLIV DP}; Denson, Jesse {densoj2}; Keith, Laura {keithl1}; Wudyka, Scott
H-KN-02664JP3	JP	2013-29129	1504218		06/17/2013	12/05/2013	07/04/2014	07/04/2034	Design	Active	Issued	Covidien LP	Covidien LP	Display Screen with a Transitional Venous Refill Detection Icon	Patient Monitoring & Recovery - PMR - Mansfield | Vascular Compression	O'Sullivan, Daniel {OSULLIV DP}; Denson, Jesse {densoj2}; Keith, Laura {keithl1}; Wudyka, Scott
H-KN-02664JP4	JP	2013-29131	1504219		06/17/2013	12/05/2013	07/04/2014	07/04/2034	Design	Active	Issued	Covidien LP	Covidien LP	Display Screen with Graphical User Interface for Venous Refill Detection	Patient Monitoring & Recovery - PMR - Mansfield | Vascular Compression	O'Sullivan, Daniel {OSULLIV DP}; Denson, Jesse {densoj2}; Keith, Laura {keithl1}; Wudyka, Scott
H-KN-02664US2	US	29/458145	D737327		06/17/2013	06/17/2013	08/25/2015	08/25/2029	Design	Active	Issued	Covidien LP	Covidien LP	Display Screen with a Transitional Leak Detection Icon	Patient Monitoring & Recovery - PMR - Mansfield | Vascular Compression	O'Sullivan, Daniel {OSULLIV DP}; Denson, Jesse {densoj2}; Wudyka, Scott {wudyks1}; Au, Hernan {MITG-
H-KN-02664US3	US	29/458147	D737855		06/17/2013	06/17/2013	09/01/2015	09/01/2029	Design	Active	Issued	Covidien LP	Covidien LP	Display Screen with a Transitional Venous Refill Detection Icon	Patient Monitoring & Recovery - PMR - Mansfield | Vascular Compression	O'Sullivan, Daniel {OSULLIV DP}; HASTINGS, Zachary {MITG-ZH}
H-KN-02664US4	US	29/458148	D737328		06/17/2013	06/17/2013	08/25/2015	08/25/2029	Design	Active	Issued	Covidien LP	Covidien LP	Display Screen with Graphical User Interface for Venous Refill Detection	Patient Monitoring & Recovery - PMR - Mansfield | Vascular Compression	O'Sullivan, Daniel {OSULLIV DP}; Watson, Kristin {watsok6}
H-KN-02664US1	US	29/458143	D760728		06/17/2013	06/17/2013	07/05/2016	07/05/2030	Design	Active	Issued	Covidien LP	Covidien LP	Display Screen with Graphical User Interface for Patient Use Meter Reset	Patient Monitoring & Recovery - PMR - Mansfield | Vascular Compression	O'Sullivan, Daniel {OSULLIV DP}; Zogbi, Jennifer {MITG-JLZ}
S-8461US	US	09/845976	7114629	20020158068	04/30/2001	04/30/2001	10/03/2006	04/30/2021	Utility	Active	Issued	Covidien LP	Covidien LP	MEDICAL WASTE DISPOSAL SYSTEM	Patient Monitoring & Recovery - PMR - Mansfield | Sharps Disposal | Other Sharps Disposal	Panek, Robert {MITG-RJP1}
S-8461US1	US	29/146216	D478701		04/30/2001	08/06/2001	08/19/2003	08/19/2017	Design	Active	Issued	Covidien LP	Covidien LP	LOW PROFILE SHARPS CONTAINER SYSTEM	Patient Monitoring & Recovery - PMR - Mansfield | Sharps Disposal | Other Sharps Disposal	Panek, Robert {MITG-RJP1}
S-8461US2	US	10/792361	7364049	20040222335	04/30/2001	03/03/2004	04/29/2008	04/30/2021	Continuation	Active	Issued	Covidien LP	Covidien LP	Medical Waste Disposal System	Patient Monitoring & Recovery - PMR - Mansfield | Sharps Disposal | Other Sharps Disposal	Panek, Robert {MITG-RJP1}
S-8461US2B	US	12/047784	8695834	20080156818	04/30/2001	03/13/2008	04/15/2014	04/30/2021	Continuation	Active	Issued	Covidien LP	Covidien LP	Medical Waste Disposal Container System	Patient Monitoring & Recovery - PMR - Mansfield | Sharps Disposal | Other Sharps Disposal	Panek, Robert {MITG-RJP1}
S-8461US2C	US	12/047828	7784167	20080157434	04/30/2001	03/13/2008	08/31/2010	07/24/2021	Continuation	Active	Issued	Covidien LP	Covidien LP	Method of Forming a Medical Waste Disposal System	Patient Monitoring & Recovery - PMR - Mansfield | Sharps Disposal | Other Sharps Disposal	Panek, Robert {MITG-RJP1}
S-8461US3	US	11/085488	8201704	20050218142	04/30/2001	03/21/2005	06/19/2012	05/03/2025	Continuation-in-Part	Active	Issued	Covidien LP	Covidien LP	Medical Waste Disposal System	Patient Monitoring & Recovery - PMR - Mansfield | Sharps Disposal | Other Sharps Disposal	Panek, Robert {MITG-RJP1}; Smudde, Anton {MITG-AMS}; Finnestad, Mark {MITG-MBF2}; Japuntich, John {MITG-JCJ}
S-8461US4	US	12/388085	8613366	20090145901	04/30/2001	02/18/2009	12/24/2013	04/30/2021	Divisional	Active	Issued	Covidien LP	Covidien LP	Medical Waste Disposal System	Patient Monitoring & Recovery - PMR - Mansfield | Sharps Disposal | Other Sharps Disposal	Panek, Robert {MITG-RJP1}; Smudde, Anton {MITG-AMS}; Finnestad, Mark {MITG-MBF2}; Japuntich, John {MITG-JCJ}
H-KN-01210.DEN3	DE	09818392.4	2328648	EP2328648	09/30/2008	09/30/2009	05/04/2016	09/30/2029	National Stage	Active	Issued	Covidien LP	Covidien LP	TRANSPARENT CATHETER SECUREMENT SYSTEM	Patient Monitoring & Recovery - PMR - Mansfield | Wound Care | Other Wound Care	Parsons, David {parsod6}; Trupiano, Anthony {MITG-AT4}; Vitaris, Ronald {MITG-RFV}; Dowd, Brian {MITG-BD4}; King, Steven {MITG-SDK}
H-KN-01210.FRN4	FR	09818392.4	2328648	EP2328648	09/30/2008	09/30/2009	05/04/2016	09/30/2029	National Stage	Active	Issued	Covidien LP	Covidien LP	TRANSPARENT CATHETER SECUREMENT SYSTEM	Patient Monitoring & Recovery - PMR - Mansfield | Wound Care | Other Wound Care	Parsons, David {parsod6}; Trupiano, Anthony {MITG-AT4}; Vitaris, Ronald {MITG-RFV}; Dowd, Brian {MITG-BD4}; King, Steven {MITG-SDK}
H-KN-01210AU	AU	2009298666	2009298666		09/30/2008	09/30/2009	02/13/2014	09/30/2029	National Stage	Active	Issued	Covidien LP	Covidien LP	TRANSPARENT CATHETER SECUREMENT SYSTEM	Patient Monitoring & Recovery - PMR - Mansfield | Wound Care | Other Wound Care	Parsons, David {parsod6}; Trupiano, Anthony {MITG-AT4}; Vitaris, Ronald {MITG-RFV}; Dowd, Brian {MITG-BD4}; King, Steven {MITG-SDK}
H-KN-01210CA	CA	2737590		2737590	09/30/2008	09/30/2009			National Stage	Active	Allowed	Covidien LP	Covidien LP	TRANSPARENT CATHETER SECUREMENT SYSTEM	Patient Monitoring & Recovery - PMR - Mansfield | Wound Care | Other Wound Care	Parsons, David {parsod6}; Trupiano, Anthony {MITG-AT4}; Vitaris, Ronald {MITG-RFV}; Dowd, Brian {MITG-BD4}; King, Steven {MITG-SDK}
H-KN-01210CN	CN	200980138326.8	ZL200980138326.8	CN102170933A	09/30/2008	09/30/2009	09/07/2016	09/30/2029	National Stage	Active	Issued	Covidien LP	Covidien LP	TRANSPARENT CATHETER SECUREMENT SYSTEM	Patient Monitoring & Recovery - PMR - Mansfield | Wound Care | Other Wound Care	Parsons, David {parsod6}; Trupiano, Anthony {MITG-AT4}; Vitaris, Ronald {MITG-RFV}; Dowd, Brian {MITG-BD4}; King, Steven {MITG-SDK}
H-KN-01210US1	US	12/568789	8795237	20100106095	09/30/2008	09/29/2009	08/05/2014	07/02/2030	Utility	Active	Issued	Covidien LP	Covidien LP	Transparent Catheter Securement System	Patient Monitoring & Recovery - PMR - Mansfield | Wound Care | Other Wound Care	Parsons, David {parsod6}; Trupiano, Anthony {MITG-AT4}; Vitaris, Ronald {MITG-RFV}; Dowd, Brian {MITG-BD4}; King, Steven {MITG-SDK}
H-KN-01210US2	US	29/462292	D708322		09/30/2008	08/01/2013	07/01/2014	07/01/2028	Continuation	Active	Issued	Covidien LP	Covidien LP	Catheter Securement Device	Patient Monitoring & Recovery - PMR - Mansfield | Wound Care | Other Wound Care	Parsons, David {parsod6}; Trupiano, Anthony {MITG-AT4}; Vitaris, Ronald {MITG-RFV}; Dowd, Brian {MITG-BD4}; King, Steven {MITG-SDK}
1804KAU	AU	2003287080	2003287080		10/23/2002	10/14/2003	01/22/2009	10/14/2023	National Stage	Active	Issued	Covidien LP	Covidien LP	Medical Dressing Containing Antimicrobial Agent	Patient Monitoring & Recovery - PMR - Mansfield | Wound Care | Other Wound Care	Patel, Harish {patelh15}

Matter #	Country	App #	Patent #	Pub #	Priority Date	App Date	Issue Date	Expiration Date	Matter Sub-Type	Status	Sub Status	Current Owner	Assignee	Title	Business Classification	Inventors
1804KEPDIV	EP	11172433.2		EP2371335	10/23/2002	10/14/2003		10/14/2023	Divisional	Active	Published	Covidien LP	Covidien LP	MEDICAL DRESSING CONTAINING ANTIMICROBIAL AGENT	Patient Monitoring & Recovery - PMR - Mansfield | Wound Care | Other Wound Care	Patel, Harish (patelh15)
1804KIL	IL	167946	167946		10/23/2002	10/14/2003	03/31/2011	10/14/2023	National Stage	Active	Issued	Covidien LP	Covidien LP	Medical Dressing Containing Antimicrobial Agent	Patient Monitoring & Recovery - PMR - Mansfield | Wound Care | Other Wound Care	Patel, Harish (patelh15)
1804KKR	KR	10-2005-7007013	10-994918		10/23/2002	10/14/2003	11/11/2010	10/14/2023	National Stage	Active	Issued	Covidien LP	Covidien LP	Medical Dressing Containing Antimicrobial Agent	Patient Monitoring & Recovery - PMR - Mansfield | Wound Care | Other Wound Care	Patel, Harish (patelh15)
1804KMX	MX	PA/a/2005/003802	271155		10/23/2002	10/14/2003	10/22/2009	10/14/2023	National Stage	Active	Issued	Covidien LP	Covidien LP	NONWOVEN FABRIC WITH ANTIMICROBIAL BARRIER PROPERTIES	Patient Monitoring & Recovery - PMR - Mansfield | Wound Care | Other Wound Care	Patel, Harish (patelh15)
1804KTW	TW	092128096	I301068	200418531	10/23/2002	10/09/2003	09/21/2008	10/09/2023	Utility	Active	Issued	Covidien LP	Covidien LP	NONWOVEN FABRIC WITH ANTIMICROBIAL BARRIER PROPERTIES	Patient Monitoring & Recovery - PMR - Mansfield | Wound Care | Other Wound Care	Patel, Harish (patelh15)
1804KUS1	US	13/330092	8672906	2012-0089069	10/23/2002	12/19/2011	03/18/2014	10/23/2022	Continuation	Active	Issued	Covidien LP	Covidien LP	Medical Dressing Containing Antimicrobial Agent and Related Methods Therfor	Patient Monitoring & Recovery - PMR - Mansfield | Wound Care | Other Wound Care	Patel, Harish (patelh15)
1804KUS2	US	14/192937	9,480,770	20140178564	10/23/2002	02/28/2014	11/01/2016	10/23/2022	Continuation	Active	Issued	Covidien LP	Covidien LP	Methods for Preparation of Medical Dressing Containing Antimicrobial Agent	Patient Monitoring & Recovery - PMR - Mansfield | Wound Care | Other Wound Care	Patel, Harish (patelh15)
H-KN-02245AU	AU	2012268574	2012268574		06/06/2011	06/04/2012	01/08/2015	06/04/2032	National Stage	Active	Issued	Covidien LP	Covidien LP	DRESSINGS AND RELATED METHODS THEREFOR	Patient Monitoring & Recovery - PMR - Mansfield | Wound Care | Other Wound Care	Patel, Harish (patelh15); Gahan, Richard (gahanr1); Moghe, Ajit (MITG-AKM)
H-KN-02245BR	BR	BR112013031188-6		2404	06/06/2011	06/04/2012			National Stage	Active	Published	Covidien LP	Covidien LP	DRESSINGS AND RELATED METHODS THEREFOR	Patient Monitoring & Recovery - PMR - Mansfield | Wound Care | Other Wound Care	Patel, Harish (patelh15); Gahan, Richard (gahanr1); Moghe, Ajit (MITG-AKM)
H-KN-02245CA	CA	2838065		2838065	06/06/2011	06/04/2012		06/04/2032	National Stage	Active	Allowed	Covidien LP	Covidien LP	DRESSINGS AND RELATED METHODS THEREFOR	Patient Monitoring & Recovery - PMR - Mansfield | Wound Care | Other Wound Care	Patel, Harish (patelh15); Gahan, Richard (gahanr1); Moghe, Ajit (MITG-AKM)
H-KN-02245CN	CN	201280027789.9	ZL201280027789.9	103596598	06/06/2011	06/04/2012	11/25/2015	06/04/2032	National Stage	Active	Issued	Covidien LP	Covidien LP	DRESSINGS AND RELATED METHODS THEREFOR	Patient Monitoring & Recovery - PMR - Mansfield | Wound Care | Other Wound Care	Patel, Harish (patelh15); Gahan, Richard (gahanr1); Moghe, Ajit (MITG-AKM)
H-KN-02245EP	EP	12796310.6		2717931	06/06/2011	11/25/2013			National Stage	Active	Published	Covidien LP	Covidien LP	DRESSINGS AND RELATED METHODS THEREFOR	Patient Monitoring & Recovery - PMR - Mansfield | Wound Care | Other Wound Care	Patel, Harish (patelh15); Gahan, Richard (gahanr1); Moghe, Ajit (MITG-AKM)
H-KN-02245MX	MX	MX/a/2013/013780			06/06/2011	06/04/2012			National Stage	Active	Filed	Covidien LP	Covidien LP	DRESSINGS AND RELATED METHODS THEREFOR	Patient Monitoring & Recovery - PMR - Mansfield | Wound Care | Other Wound Care	Patel, Harish (patelh15); Gahan, Richard (gahanr1); Moghe, Ajit (MITG-AKM)
H-KN-02295EP	EP	12836554.1		2760487	09/30/2011	09/05/2012			National Stage	Active	Published	Covidien LP	Covidien LP	Wound Dressings and Related Methods Thereof	Patient Monitoring & Recovery - PMR - Mansfield | Wound Care | Other Wound Care	Patel, Harish (patelh15); Moghe, Ajit (MITG-AKM)
H-KN-02342.DEN1	DE				12/09/2011				National Stage	Active	Draft	Covidien LP	Covidien LP	Non-Adherent Wound Dressings and Related Methods Therefor	Patient Monitoring & Recovery - PMR - Mansfield | Wound Care | Other Wound Care	Patel, Harish (patelh15); Moghe, Ajit (MITG-AKM)
H-KN-02342.FRN2	FR				12/09/2011				National Stage	Active	Draft	Covidien LP	Covidien LP	Non-Adherent Wound Dressings and Related Methods Therefor	Patient Monitoring & Recovery - PMR - Mansfield | Wound Care | Other Wound Care	Patel, Harish (patelh15); Moghe, Ajit (MITG-AKM)
H-KN-02342.GBN3	GB				12/09/2011				National Stage	Active	Draft	Covidien LP	Covidien LP	Non-Adherent Wound Dressings and Related Methods Therefor	Patient Monitoring & Recovery - PMR - Mansfield | Wound Care | Other Wound Care	Patel, Harish (patelh15); Moghe, Ajit (MITG-AKM)
H-KN-02342AU	AU	2012348349	2012348349		12/09/2011	10/30/2012	07/02/2015	10/30/2032	National Stage	Active	Issued	Covidien LP	Covidien LP	Non-Adherent Wound Dressings and Related Methods Therefor	Patient Monitoring & Recovery - PMR - Mansfield | Wound Care | Other Wound Care	Patel, Harish (patelh15); Moghe, Ajit (MITG-AKM)
H-KN-02342CA	CA	2857956	2857956		12/09/2011	10/30/2012	10/11/2016	10/30/2032	National Stage	Active	Issued	Covidien LP	Covidien LP	Non-Adherent Wound Dressings and Related Methods Therefor	Patient Monitoring & Recovery - PMR - Mansfield | Wound Care | Other Wound Care	Patel, Harish (patelh15); Moghe, Ajit (MITG-AKM)
H-KN-02342CN	CN	201280060499.4	ZL201280060499.4	CN1039746808	12/09/2011	10/30/2012	06/08/2016	10/30/2032	National Stage	Active	Issued	Covidien LP	Covidien LP	Non-Adherent Wound Dressings and Related Methods Therefor	Patient Monitoring & Recovery - PMR - Mansfield | Wound Care | Other Wound Care	Patel, Harish (patelh15); Moghe, Ajit (MITG-AKM)
356259.USP2	US	62/326,580			04/22/2016	04/22/2016		04/22/2017	Provisional	Active	Filed	Covidien LP	Covidien LP	ABSORBENT ARTICLE INCLUDING REINFORCED BACKSHEET	Patient Monitoring & Recovery - PMR - Mansfield | Incontinence Care | Pads	Patel, Harish (patelh15); Narvekar, Vishal (narvev1)
H-KN-02380MX01	MX	MX/a/2015/002462			09/04/2012	08/20/2013			National Stage	Active	Filed	Covidien LP	Covidien LP	ABSORBENT ARTICLES WITH CHANNEL AND RELATED METHODS THEREFOR	Patient Monitoring & Recovery - PMR - Mansfield | Incontinence Care | Other Incontinence Care	Patel, Harish (patelh15); Narvekar, Vishal (narvev1)
H-KN-02380US	US	13/602564	9,387,136	20140065373	09/04/2012	09/04/2012	07/12/2016	09/04/2032	Utility	Active	Issued	Covidien LP	Covidien LP	ABSORBENT ARTICLES WITH CHANNEL AND RELATED METHODS THEREFOR	Patient Monitoring & Recovery - PMR - Mansfield | Incontinence Care | Other Incontinence Care	Patel, Harish (patelh15); Narvekar, Vishal (narvev1)
H-KN-02821US1	US	14/040785			03/04/2013	09/30/2013			Utility	Active	Filed	Covidien LP	Covidien LP	Lower Surface Friction Absorbent Articles and Related Methods Therefor	Patient Monitoring & Recovery - PMR - Mansfield | Incontinence Care | Other Incontinence Care	Patel, Harish (patelh15); Narvekar, Vishal (narvev1); Corley, Kevin (corlek1)
H-KN-02834CN01	CN	201480042356.X		CN105431120A	06/14/2013	06/03/2014			National Stage	Active	Published	Covidien LP	Covidien LP	Absorbent Articles Having Pockets and Related Methods Therefor	Patient Monitoring & Recovery - PMR - Mansfield | Incontinence Care | Other Incontinence Care	Patel, Harish (patelh15); Narvekar, Vishal (narvev1); Gahan, Richard (gahanr1)

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Matter #	Country	App #	Patent #	Pub #	Priority Date	App Date	Issue Date	Expiration Date	Matter Sub-Type	Status	Sub Status	Current Owner	Assignee	Title	Business Classification	Inventors
H-KN-02834MX01	MX	MX/a/2015/017102			06/14/2013	06/03/2014			National Stage	Active	Filed	Covidien LP	Covidien LP	Absorbent Articles Having Pockets and Related Methods Therefor	Patient Monitoring & Recovery - PMR - Mansfield | Incontinence Care | Other Incontinence Care	Patel, Harish (patelh15); Narvekar, Vishal (narvev1); Gahan, Richard (gahanr1)
H-KN-02834US1	US	14/040761		2014-0371700-A1	06/14/2013	09/30/2013			Utility	Active	Published	Covidien LP	Covidien LP	Absorbent Articles Having Pockets and Related Methods Therefor	Patient Monitoring & Recovery - PMR - Mansfield | Incontinence Care | Other Incontinence Care	Patel, Harish (patelh15); Narvekar, Vishal (narvev1); Gahan, Richard (gahanr1)
H-KN-00448AU	AU	2007238827	2007238827		04/11/2006	04/11/2007	03/07/2013	04/11/2027	National Stage	Active	Issued	Covidien LP	Covidien LP	Multi-Layer Wound Dressings	Patient Monitoring & Recovery - PMR - Mansfield | Wound Care | Other Wound Care	Patel, Harish (patelh15); Ward, Kate (MITG-KW5); Heagle, David (MITG-DGH); Tranchemontagne, Alain (MITG-AT3); Swaniker, Hansen (MITG-HS6)
H-KN-00448BR	BR	PI0709830-0		2008	04/11/2006	04/11/2007			National Stage	Active	Published Dropped	Covidien LP	Covidien LP	Multi-Layer Wound Dressings	Patient Monitoring & Recovery - PMR - Mansfield | Wound Care | Other Wound Care	Patel, Harish (patelh15); Ward, Kate (MITG-KW5); Heagle, David (MITG-DGH); Tranchemontagne, Alain (MITG-AT3); Swaniker, Hansen (MITG-HS6)
H-KN-00448CA	CA	2644315	2644315	2644315	04/11/2006	04/11/2007	09/23/2014	04/11/2027	National Stage	Active	Issued	Covidien LP	Covidien LP	Multi-Layer Wound Dressings	Patient Monitoring & Recovery - PMR - Mansfield | Wound Care | Other Wound Care	Patel, Harish (patelh15); Ward, Kate (MITG-KW5); Heagle, David (MITG-DGH); Tranchemontagne, Alain (MITG-AT3); Swaniker, Hansen (MITG-HS6)
H-KN-00448CN	CN	200780013083.6	200780013083	CN101421001A	04/11/2006	04/11/2007	07/10/2013	04/11/2027	National Stage	Active	Issued	Covidien LP	Covidien LP	Multi-Layer Wound Dressings	Patient Monitoring & Recovery - PMR - Mansfield | Wound Care | Other Wound Care	Patel, Harish (patelh15); Ward, Kate (MITG-KW5); Heagle, David (MITG-DGH); Tranchemontagne, Alain (MITG-AT3); Swaniker, Hansen (MITG-HS6)
H-KN-00448DE	DE	07755144.8	602007028230.6	2007470	04/11/2006	04/11/2007	01/23/2013	04/11/2027	National Stage	Active	Issued	Covidien LP	Covidien LP	Multi-Layer Wound Dressings	Patient Monitoring & Recovery - PMR - Mansfield | Wound Care | Other Wound Care	Patel, Harish (patelh15); Ward, Kate (MITG-KW5); Heagle, David (MITG-DGH); Tranchemontagne, Alain (MITG-AT3); Swaniker, Hansen (MITG-HS6)
H-KN-00448FR	FR	07755144.8	2007470	2007470	04/11/2006	04/11/2007	01/23/2013	04/11/2027	National Stage	Active	Issued	Covidien LP	Covidien LP	Multi-Layer Wound Dressings	Patient Monitoring & Recovery - PMR - Mansfield | Wound Care | Other Wound Care	Patel, Harish (patelh15); Ward, Kate (MITG-KW5); Heagle, David (MITG-DGH); Tranchemontagne, Alain (MITG-AT3); Swaniker, Hansen (MITG-HS6)
H-KN-00448GB	GB	07755144.8	2007470	2007470	04/11/2006	04/11/2007	01/23/2013	04/11/2027	National Stage	Active	Issued	Covidien LP	Covidien LP	Multi-Layer Wound Dressings	Patient Monitoring & Recovery - PMR - Mansfield | Wound Care | Other Wound Care	Patel, Harish (patelh15); Ward, Kate (MITG-KW5); Heagle, David (MITG-DGH); Tranchemontagne, Alain (MITG-AT3); Swaniker, Hansen (MITG-HS6)
H-KN-00448MX	MX	MX/a/2008/012635	307866		04/11/2006	04/11/2007	03/13/2013	04/11/2027	National Stage	Active	Issued	Covidien LP	Covidien LP	Multi-Layer Wound Dressings	Patient Monitoring & Recovery - PMR - Mansfield | Wound Care | Other Wound Care	Patel, Harish (patelh15); Ward, Kate (MITG-KW5); Heagle, David (MITG-DGH); Tranchemontagne, Alain (MITG-AT3); Swaniker, Hansen (MITG-HS6)
H-KN-00448ZA	ZA	2008/02335	2008/02335		04/11/2006	04/11/2007	07/29/2009	04/11/2027	National Stage	Active	Issued Dropped	Covidien LP	Covidien LP	Multi-Layer Wound Dressings	Patient Monitoring & Recovery - PMR - Mansfield | Wound Care | Other Wound Care	Patel, Harish (patelh15); Ward, Kate (MITG-KW5); Heagle, David (MITG-DGH); Tranchemontagne, Alain (MITG-AT3); Swaniker, Hansen (MITG-HS6)
H-KN-00459AU	AU	2009285769	2009285769		08/28/2008	08/27/2009	08/14/2014	08/27/2029	National Stage	Active	Issued	Covidien LP	Covidien LP	Antimicrobial Foam Compositions, Articles and Methods	Patient Monitoring & Recovery - PMR - Mansfield | Wound Care | Other Wound Care	Patel, Harish (patelh15); Ward, Kate (MITG-KW5); Swaniker, Hansen (MITG-HS6)
H-KN-00459AU01	AU	2014203416	2014203416		08/28/2008	08/27/2009	03/10/2016	08/27/2029	Divisional	Active	Issued	Covidien LP	Covidien LP	Antimicrobial Foam Compositions, Articles and Methods	Patient Monitoring & Recovery - PMR - Mansfield | Wound Care | Other Wound Care	Patel, Harish (patelh15); Ward, Kate (MITG-KW5); Swaniker, Hansen (MITG-HS6)
H-KN-01714US	US	12/894805	8524386	20120082879	09/30/2010	09/30/2010	09/03/2013	09/08/2031	Utility	Active	Issued	Covidien LP	Covidien LP	Portable Pneumatic Controller with Replaceable Battery	Patient Monitoring & Recovery - PMR - Mansfield | Vascular Compression	Petrie, Aidan (MITG-AP10); Wo, Marco (MITG-MW7); Nelsen, Daniel (MITG-DJN)
H-KN-01455AU	AU	2010241441	2010241441		12/18/2009	11/15/2010	04/24/2014	11/15/2030	Utility	Active	Issued	Covidien LP	Covidien LP	Cover for Shaft of Electronic Thermometer Probe	Patient Monitoring & Recovery - PMR - Mansfield | Thermometry | Other Thermometry	Price, Jeffrey (MITG-JEP2)
H-KN-01455AUDIV	AU	2013251231	2013251231		12/18/2009	11/15/2010	09/03/2015	11/15/2030	Utility	Active	Issued	Covidien LP	Covidien LP	Cover for Shaft of Electronic Thermometer Probe	Patient Monitoring & Recovery - PMR - Mansfield | Thermometry | Other Thermometry	Price, Jeffrey (MITG-JEP2)
H-KN-01455CA	CA	2783598	2783598	2783598	12/18/2009	11/15/2010			Utility	Active	Published Dropped	Covidien LP	Covidien LP	Cover for Shaft of Electronic Thermometer Probe	Patient Monitoring & Recovery - PMR - Mansfield | Thermometry | Other Thermometry	Price, Jeffrey (MITG-JEP2)
H-KN-01455US	US	12/642171	8540424	2011-0150037-A1	12/18/2009	12/18/2009	09/24/2013	10/25/2031	Utility	Active	Issued	Covidien LP	Covidien LP	Cover for Shaft of Electronic Thermometer Probe	Patient Monitoring & Recovery - PMR - Mansfield | Thermometry | Other Thermometry	Price, Jeffrey (MITG-JEP2)
H-KN-01455US1	US	14/033933	9095873	20140079880	12/18/2009	09/23/2013	08/04/2015	12/18/2029	Divisional	Active	Issued	Covidien LP	Covidien LP	Cover for Shaft of Electronic Thermometer Probe	Patient Monitoring & Recovery - PMR - Mansfield | Thermometry | Other Thermometry	Price, Jeffrey (MITG-JEP2)
H-KN-01516US	US	12/753558	8652079	20110245742	04/02/2010	04/02/2010	02/18/2014	10/11/2030	Utility	Active	Issued	Covidien LP	Covidien LP	Compression Garment Having an Extension	Patient Monitoring & Recovery - PMR - Mansfield | Vascular Compression	Rego, Jr., Richard (MITG-RPR2)
H-KN-02182AU	AU	2012203036	2012203036		05/23/2011	05/23/2012	12/24/2013	05/23/2032	Utility	Active	Issued	Covidien LP	Covidien LP	Urine Meter	Patient Monitoring & Recovery - PMR - Mansfield | Urology | Other Urology	Robinson, Tim (COV-PV-TR); Deighan, Ciara (MITG-CD6); Daly, Paul (MITG-PJD2); Fitzgerald, Alan (MITG-AF7)
H-KN-02182DE	DE	11004231.4	602011003418.9	2526907	05/23/2011	05/23/2011	10/23/2013	05/23/2031	National Stage	Active	Issued	Covidien LP	Covidien LP	Urine Meter	Patient Monitoring & Recovery - PMR - Mansfield | Urology | Other Urology	Robinson, Tim (COV-PV-TR); Deighan, Ciara (MITG-CD6); Daly, Paul (MITG-PJD2); Fitzgerald, Alan (MITG-AF7)
H-KN-02182ES	ES	11004231.4	2526907	2526907	05/23/2011	05/23/2011	10/23/2013	05/23/2031	National Stage	Active	Issued	Covidien LP	Covidien LP	Urine Meter	Patient Monitoring & Recovery - PMR - Mansfield | Urology | Other Urology	Robinson, Tim (COV-PV-TR); Deighan, Ciara (MITG-CD6); Daly, Paul (MITG-PJD2); Fitzgerald, Alan (MITG-AF7)
H-KN-02182FR	FR	11004231.4	2526907	2526907	05/23/2011	05/23/2011	10/23/2013	05/23/2031	National Stage	Active	Issued	Covidien LP	Covidien LP	Urine Meter	Patient Monitoring & Recovery - PMR - Mansfield | Urology | Other Urology	Robinson, Tim (COV-PV-TR); Deighan, Ciara (MITG-CD6); Daly, Paul (MITG-PJD2); Fitzgerald, Alan (MITG-AF7)
H-KN-02182GB	GB	11004231.4	2526907	2526907	05/23/2011	05/23/2011	10/23/2013	05/23/2031	National Stage	Active	Issued	Covidien LP	Covidien LP	Urine Meter	Patient Monitoring & Recovery - PMR - Mansfield | Urology | Other Urology	Robinson, Tim (COV-PV-TR); Deighan, Ciara (MITG-CD6); Daly, Paul (MITG-PJD2); Fitzgerald, Alan (MITG-AF7)
H-KN-02182IE	IE	11004231.4	2526907	2526907	05/23/2011	05/23/2011	10/23/2013	05/23/2031	National Stage	Active	Issued Dropped	Covidien LP	Covidien LP	Urine Meter	Patient Monitoring & Recovery - PMR - Mansfield | Urology | Other Urology	Robinson, Tim (COV-PV-TR); Deighan, Ciara (MITG-CD6); Daly, Paul (MITG-PJD2); Fitzgerald, Alan (MITG-AF7)
H-KN-02182JP	JP	2012-116891	5318250	2012-239917	05/23/2011	05/22/2012	07/19/2013	05/22/2032	Utility	Active	Issued	Covidien LP	Covidien LP	Urine Meter	Patient Monitoring & Recovery - PMR - Mansfield | Urology | Other Urology	Robinson, Tim (COV-PV-TR); Deighan, Ciara (MITG-CD6); Daly, Paul (MITG-PJD2); Fitzgerald, Alan (MITG-AF7)
H-KN-02182MX	MX	MX/a/2012/005898	328634		05/23/2011	05/22/2012	03/19/2015	05/22/2032	Utility	Active	Issued	Covidien LP	Covidien LP	Urine Meter	Patient Monitoring & Recovery - PMR - Mansfield | Urology | Other Urology	Robinson, Tim (COV-PV-TR); Deighan, Ciara (MITG-CD6); Daly, Paul (MITG-PJD2); Fitzgerald, Alan (MITG-AF7)

Matter #	Country	App #	Patent #	Pub #	Priority Date	App Date	Issue Date	Expiration Date	Matter Sub-Type	Status	Sub Status	Current Owner	Assignee	Title	Business Classification	Inventors
S-8493.DEN1	DE	04760362.6	1622506	EP1622506	04/24/2003	04/22/2004	10/19/2016	04/22/2024	National Stage	Active	Issued	Covidien LP	Covidien LP	TRANSFER NEEDLE SAFETY APPARATUS	Patient Monitoring & Recovery - PMR - Mansfield | Blood Collection | Other Blood Collection	Ronsick, Christopher (MITG-CSR); Sampson, Eric (MITG-EMS)
S-8493.FRN2	FR	04760362.6	1622506	EP1622506	04/24/2003	04/22/2004	10/19/2016	04/22/2024	National Stage	Active	Issued	Covidien LP	Covidien LP	TRANSFER NEEDLE SAFETY APPARATUS	Patient Monitoring & Recovery - PMR - Mansfield | Blood Collection | Other Blood Collection	Ronsick, Christopher (MITG-CSR); Sampson, Eric (MITG-EMS)
S-8493.GBN3	GB	04760362.6	1622506	EP1622506	04/24/2003	04/22/2004	10/19/2016	04/22/2024	National Stage	Active	Issued	Covidien LP	Covidien LP	TRANSFER NEEDLE SAFETY APPARATUS	Patient Monitoring & Recovery - PMR - Mansfield | Blood Collection | Other Blood Collection	Ronsick, Christopher (MITG-CSR); Sampson, Eric (MITG-EMS)
S-8493US	US	10/422085	7261698	2004-0215106-A1	04/24/2003	04/24/2003	08/28/2007	06/11/2024	Utility	Active	Issued	Covidien LP	Covidien LP	CULTURE BOTTLE TRANSFER SET	Patient Monitoring & Recovery - PMR - Mansfield | Blood Collection | Other Blood Collection	Ronsick, Christopher (MITG-CSR); Sampson, Eric (MITG-EMS)
H-KN-00551CA	CA	2654069		2654069	03/06/2008	02/13/2009			Utility	Active	Published	Covidien LP	Covidien LP	Biomedical Electrode	Patient Monitoring & Recovery - PMR - Mansfield | Custom Product Solutions | Other CPS	Rowe, Charles (rowec4); Garstka, Erick (garste1); Dunagan, Jay (dunagj1); Copp-Howland, Warren (MITG-WWC)
H-KN-00551DE01	DE	09250570.0	2098164		03/06/2008	02/27/2009	04/22/2015	02/27/2029	National Stage	Active	Issued	Covidien LP	Covidien LP	Biomedical Electrode	Patient Monitoring & Recovery - PMR - Mansfield | Custom Product Solutions | Other CPS	Rowe, Charles (rowec4); Garstka, Erick (garste1); Dunagan, Jay (dunagj1); Copp-Howland, Warren (MITG-WWC)
H-KN-00551EP	EP	09250570.0	2098164	2098164	03/06/2008	02/27/2009	04/22/2015	02/27/2029	Utility	Active	Issued	Covidien LP	Covidien LP	Biomedical Electrode	Patient Monitoring & Recovery - PMR - Mansfield | Custom Product Solutions | Other CPS	Rowe, Charles (rowec4); Garstka, Erick (garste1); Dunagan, Jay (dunagj1); Copp-Howland, Warren (MITG-WWC)
H-KN-00551FR01	FR	09250570.0	2098164		03/06/2008	02/27/2009	04/22/2015	02/27/2029	National Stage	Active	Issued	Covidien LP	Covidien LP	Biomedical Electrode	Patient Monitoring & Recovery - PMR - Mansfield | Custom Product Solutions | Other CPS	Rowe, Charles (rowec4); Garstka, Erick (garste1); Dunagan, Jay (dunagj1); Copp-Howland, Warren (MITG-WWC)
H-KN-00551GB01	GB	09250570.0	2098164		03/06/2008	02/27/2009	04/22/2015	02/27/2029	National Stage	Active	Issued	Covidien LP	Covidien LP	Biomedical Electrode	Patient Monitoring & Recovery - PMR - Mansfield | Custom Product Solutions | Other CPS	Rowe, Charles (rowec4); Garstka, Erick (garste1); Dunagan, Jay (dunagj1); Copp-Howland, Warren (MITG-WWC)
H-KN-00551MX	MX	MX/a/2009/002165	311407		03/06/2008	02/26/2009	07/15/2013	02/26/2029	Utility	Active	Issued	Covidien LP	Covidien LP	Biomedical Electrode	Patient Monitoring & Recovery - PMR - Mansfield | Custom Product Solutions | Other CPS	Rowe, Charles (rowec4); Garstka, Erick (garste1); Dunagan, Jay (dunagj1); Copp-Howland, Warren (MITG-WWC)
7065CH	CH	04784738.9	1681996	1681996	11/12/2003	09/21/2004	03/27/2013	09/21/2024	National Stage	Active	Issued	Covidien LP	Covidien LP	Snap Electrode	Patient Monitoring & Recovery - PMR - Mansfield | Custom Product Solutions | Other CPS	Rowe, Charles (rowec4); Kretschmer, Timothy (kretst1)
7065DE	DE	04784738.9	602004041504.9	1681996	11/12/2003	09/21/2004	03/27/2013	09/21/2024	National Stage	Active	Issued	Covidien LP	Covidien LP	Snap Electrode	Patient Monitoring & Recovery - PMR - Mansfield | Custom Product Solutions | Other CPS	Rowe, Charles (rowec4); Kretschmer, Timothy (kretst1)
7065FR	FR	04784738.9	1681996	1681996	11/12/2003	09/21/2004	03/27/2013	09/21/2024	National Stage	Active	Issued	Covidien LP	Covidien LP	Snap Electrode	Patient Monitoring & Recovery - PMR - Mansfield | Custom Product Solutions | Other CPS	Rowe, Charles (rowec4); Kretschmer, Timothy (kretst1)
7065GB	GB	04784738.9	1681996	1681996	11/12/2003	09/21/2004	03/27/2013	09/21/2024	National Stage	Active	Issued	Covidien LP	Covidien LP	Snap Electrode	Patient Monitoring & Recovery - PMR - Mansfield | Custom Product Solutions | Other CPS	Rowe, Charles (rowec4); Kretschmer, Timothy (kretst1)
7065NL	NL	04784738.9	1681996	1681996	11/12/2003	09/21/2004	03/27/2013	09/21/2024	National Stage	Active	Issued	Covidien LP	Covidien LP	Snap Electrode	Patient Monitoring & Recovery - PMR - Mansfield | Custom Product Solutions | Other CPS	Rowe, Charles (rowec4); Kretschmer, Timothy (kretst1)
7065US1	US	10/946673	7245957	US-2005-0101853-A1	11/12/2003	09/22/2004	07/17/2007	11/12/2023	Utility	Active	Issued	Covidien LP	Covidien LP	SNAP ELECTRODE	Patient Monitoring & Recovery - PMR - Mansfield | Custom Product Solutions | Other CPS	Rowe, Charles (rowec4); Kretschmer, Timothy (kretst1)
1829KUS1	US	10/951178	7655000	20050192560	09/26/2003	09/27/2004	02/02/2010	05/25/2025	Utility	Active	Issued	Covidien LP	Covidien LP	Urology Catheter	Patient Monitoring & Recovery - PMR - Mansfield | Urology | Other Urology	Sacchetti, Anthony (saccha1); Murray, Stephen (murras8); Karl, Cliff (MITG-CK9); DUBEAU, CHRIS (MITG
1829KUS2	US	12/636170	8123892	20100089528	09/26/2003	12/11/2009	02/28/2012	06/10/2025	Divisional	Active	Issued	Covidien LP	Covidien LP	Urology Catheter	Patient Monitoring & Recovery - PMR - Mansfield | Urology | Other Urology	Sacchetti, Anthony (saccha1); Murray, Stephen (murras8); Karl, Cliff (MITG-CK9); DUBEAU, CHRIS (MITG
1829KUS3	US	13/369604	8679091	20120143128A1	09/26/2003	02/09/2012	03/25/2014	02/03/2025	Continuation	Active	Issued	Covidien LP	Covidien LP	Catheter	Patient Monitoring & Recovery - PMR - Mansfield | Urology | Other Urology	Sacchetti, Anthony (saccha1); Murray, Stephen (murras8); Karl, Cliff (MITG-CK9); DUBEAU, CHRIS (MITG
H-NS-00034CA	CA	2580886	2580886	2580886	03/09/2006	03/06/2007	05/26/2009	03/06/2027	Utility	Active	Issued	Covidien LP	Covidien LP	Medical Tube Set	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Access	SAKAI, Yosuke (MITG-YS)
H-NS-00034US	US	11/682916	8177752	20070213672	03/09/2006	03/07/2007	05/15/2012	03/09/2026	Utility	Active	Issued	Covidien LP	Covidien LP	Medical Tube Set	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Access	SAKAI, Yosuke (MITG-YS)
H-NS-01246.DEN3	DE	12715781.6	2691028	EP2691028	03/31/2011	04/02/2012	06/01/2016	04/02/2032	National Stage	Active	Issued	Covidien LP	Covidien LP	Medical Suturing Implement	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Gastrointestinal	SAKAI, Yosuke (MITG-YS)
H-NS-01246.FRN2	FR	12715781.6	2691028	EP2691028	03/31/2011	04/02/2012	06/01/2016	04/02/2032	National Stage	Active	Issued	Covidien LP	Covidien LP	Medical Suturing Implement	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Gastrointestinal	SAKAI, Yosuke (MITG-YS)
H-NS-01246.GBN4	GB	12715781.6	2691028	EP2691028	03/31/2011	04/02/2012	06/01/2016	04/02/2032	National Stage	Active	Issued	Covidien LP	Covidien LP	Medical Suturing Implement	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Gastrointestinal	SAKAI, Yosuke (MITG-YS)
H-NS-01246CN	CN	ZL201280022192.5	ZL201280022192.5	103533901	03/31/2011	04/02/2012	08/17/2016	04/02/2032	National Stage	Active	Issued	Covidien LP	Covidien LP	Medical Suturing Implement	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Gastrointestinal	SAKAI, Yosuke (MITG-YS)

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Matter #	Country	App #	Patent #	Pub #	Priority Date	App Date	Issue Date	Expiration Date	Matter Sub-Type	Status	Sub Status	Current Owner	Assignee	Title	Business Classification	Inventors
H-NS-00040CA	CA	2582121	2582121	2582121	03/17/2006	03/13/2007	03/06/2012	03/13/2027	Utility	Active	Issued	Covidien LP	Covidien LP	Connector	Patient Monitoring & Recovery - PMR - Mansfield | Intravenous Access/Prefill | Other Intravenous Access/Prefill	SAKAI, Yosuke (MITG-YS); KITANI, Ichiro (MITG-IK); Funamura, Shigeaki (MITG-SF6)
H-NS-00068US	US	12/016221	7731155	20080183155	01/19/2007	01/18/2008	06/08/2010	01/24/2029	Utility	Active	Issued	Covidien LP	Covidien LP	Male Luer Connector	Patient Monitoring & Recovery - PMR - Mansfield | Intravenous Access/Prefill | Other Intravenous Access/Prefill	SAKAI, Yosuke (MITG-YS); KITANI, Ichiro (MITG-IK); Funamura, Shigeaki (MITG-SF6)
H-NS-00080CA	CA	2619205	2619205	2619205	02/08/2007	01/31/2008	05/28/2013	01/31/2028	Utility	Active	Issued	Covidien LP	Covidien LP	Stopcock Valve	Patient Monitoring & Recovery - PMR - Mansfield | Intravenous Access/Prefill | Other Intravenous Access/Prefill	SAKAI, Yosuke (MITG-YS); KITANI, Ichiro (MITG-IK); Funamura, Shigeaki (MITG-SF6)
H-NS-00080US	US	12/027773	8317758	20080319401	02/08/2007	02/07/2008	11/27/2012	04/20/2029	Utility	Active	Issued	Covidien LP	Covidien LP	Stopcock Valve	Patient Monitoring & Recovery - PMR - Mansfield | Intravenous Access/Prefill | Other Intravenous Access/Prefill	SAKAI, Yosuke (MITG-YS); KITANI, Ichiro (MITG-IK); Funamura, Shigeaki (MITG-SF6)
H-NS-00076US	US	12/295739	8286936	20090177170	04/03/2006	03/29/2007	10/16/2012	11/20/2029	National Stage	Active	Issued	Covidien LP	Covidien LP	CLOSABLE MALE LUER CONNECTOR	Patient Monitoring & Recovery - PMR - Mansfield | Intravenous Access/Prefill | Other Intravenous Access/Prefill	SAKAI, Yosuke (MITG-YS); KITANI, Ichiro (MITG-IK); Funamura, Shigeaki (MITG-SF6); FUJIWARA, Norifumi (MITG-NF1)
H-KN-00526CA	CA	2663152	2663152	2663152	09/29/2006	09/28/2007	12/02/2014	09/28/2027	National Stage	Active	Issued	Covidien LP	Covidien LP	SURGICAL FLUID TRANSFER APPARATUS	Patient Monitoring & Recovery - PMR - Mansfield | Intravenous Access/Prefill | Other Intravenous Access/Prefill	SALTO, DAVID (MITG-DS25); SCHRADER, EUGENE (MITG-EFS); Carlyon, James L. (MITG-JC23)
H-KN-00526JP	JP	2009-530439	5048776	2010-504823	09/29/2006	03/26/2009	07/27/2012	03/26/2029	National Stage	Active	Issued	Covidien LP	Covidien LP	SURGICAL FLUID TRANSFER APPARATUS	Patient Monitoring & Recovery - PMR - Mansfield | Intravenous Access/Prefill | Other Intravenous Access/Prefill	SALTO, DAVID (MITG-DS25); SCHRADER, EUGENE (MITG-EFS); Carlyon, James L. (MITG-JC23)
H-KN-00526JPDIV	JP	2012-160852	5335976	2012-196532	09/29/2006	03/26/2009	08/09/2013	09/28/2027	Divisional	Active	Issued	Covidien LP	Covidien LP	SURGICAL FLUID TRANSFER APPARATUS	Patient Monitoring & Recovery - PMR - Mansfield | Intravenous Access/Prefill | Other Intravenous Access/Prefill	SALTO, DAVID (MITG-DS25); SCHRADER, EUGENE (MITG-EFS); Carlyon, James L. (MITG-JC23)
H-KN-00526US1	US	11/904647	8048039	20080082082	09/29/2006	09/28/2007	11/01/2011	09/28/2027	Utility	Active	Issued	Covidien LP	Covidien LP	Surgical Fluid Transfer Apparatus	Patient Monitoring & Recovery - PMR - Mansfield | Intravenous Access/Prefill | Other Intravenous Access/Prefill	SALTO, DAVID (MITG-DS25); SCHRADER, EUGENE (MITG-EFS); Carlyon, James L. (MITG-JC23)
H-KN-00526US2	US	13/285223	8506533	2012-0089101	09/29/2006	10/31/2011	08/13/2013	09/28/2027	Continuation	Active	Issued	Covidien LP	Covidien LP	Surgical Fluid Transfer Apparatus	Patient Monitoring & Recovery - PMR - Mansfield | Intravenous Access/Prefill | Other Intravenous Access/Prefill	SALTO, DAVID (MITG-DS25); SCHRADER, EUGENE (MITG-EFS); Carlyon, James L. (MITG-JC23)
H-KN-00883US	US	12/119211	8292859	2009-0281527-A1	05/12/2008	05/12/2008	10/23/2012	06/15/2029	Utility	Active	Issued	Covidien LP	Covidien AG	DRAINAGE DEVICE	Patient Monitoring & Recovery - PMR - Mansfield | Urology | Other Urology	Salvadori, Lawrence (MITG-LAS3)
H-KN-00997US	US	11/933727	7815046	20090114667	11/01/2007	11/01/2007	10/19/2010	04/13/2028	Utility	Active	Issued	Covidien LP	Covidien LP	Sharps Dispensing and Disposal System	Patient Monitoring & Recovery - PMR - Mansfield | Sharps Disposal | Other Sharps Disposal	Sansoucy, Michael (COV-PV-MRS); Finnestad, Mark (MITG-MBF2)
H-KN-00997US1	US	12/889950	8113349	20110011881	11/01/2007	09/24/2010	02/14/2012	11/01/2027	Divisional	Active	Issued	Covidien LP	Covidien LP	Sharps Dispensing and Disposal System	Patient Monitoring & Recovery - PMR - Mansfield | Sharps Disposal | Other Sharps Disposal	Sansoucy, Michael (COV-PV-MRS); Finnestad, Mark (MITG-MBF2)
H-KN-00999US	US	11/933715	8096414	20090114671	11/01/2007	11/01/2007	01/17/2012	09/24/2028	Utility	Active	Issued	Covidien LP	Covidien LP	Medical Implement Dispensing and Disposal System	Patient Monitoring & Recovery - PMR - Mansfield | Sharps Disposal | Other Sharps Disposal	Sansoucy, Michael (COV-PV-MRS); Finnestad, Mark (MITG-MBF2)
H-KN-00522.DEN5	DE	10157978.7	2198782	EP2198782	06/30/2006	05/18/2007	03/16/2016	05/18/2027	National Stage	Active	Issued	Covidien LP	Covidien LP	Method for Securing a Urine Meter to a Urine Bag	Patient Monitoring & Recovery - PMR - Mansfield | Urology | Other Urology	Schreuer, Dennis (MITG-DS28); Salvadori, Lawrence (MITG-LAS3)
H-KN-00522.FRN6	FR	10157978.7	2198782	EP2198782	06/30/2006	05/18/2007	03/16/2016	05/18/2027	National Stage	Active	Issued	Covidien LP	Covidien LP	Method for Securing a Urine Meter to a Urine Bag	Patient Monitoring & Recovery - PMR - Mansfield | Urology | Other Urology	Schreuer, Dennis (MITG-DS28); Salvadori, Lawrence (MITG-LAS3)
H-KN-00522.GBN7	GB	10157978.7	2198782	EP2198782	06/30/2006	05/18/2007	03/16/2016	05/18/2027	National Stage	Active	Issued	Covidien LP	Covidien LP	Method for Securing a Urine Meter to a Urine Bag	Patient Monitoring & Recovery - PMR - Mansfield | Urology | Other Urology	Schreuer, Dennis (MITG-DS28); Salvadori, Lawrence (MITG-LAS3)
H-KN-00522.IRN8	IE	10157978.7	2198782	EP2198782	06/30/2006	05/18/2007	03/16/2016	05/18/2027	National Stage	Active	Issued - Dropped	Covidien LP	Covidien AG	Method for Securing a Urine Meter to a Urine Bag	Patient Monitoring & Recovery - PMR - Mansfield | Urology | Other Urology	Schreuer, Dennis (MITG-DS28); Salvadori, Lawrence (MITG-LAS3)
H-KN-00522AU	AU	2007201596	2007201596		06/30/2006	04/11/2007	03/07/2013	04/11/2027	Utility	Active	Issued	Covidien LP	Covidien LP	Method for Securing a Urine Meter to a Urine Bag	Patient Monitoring & Recovery - PMR - Mansfield | Urology | Other Urology	Schreuer, Dennis (MITG-DS28); Salvadori, Lawrence (MITG-LAS3)
H-KN-00522CA	CA	2583385	2583385	2583385	06/30/2006	03/30/2007	11/18/2014	03/30/2027	Utility	Active	Issued	Covidien LP	Covidien LP	Method for Securing a Urine Meter to a Urine Bag	Patient Monitoring & Recovery - PMR - Mansfield | Urology | Other Urology	Schreuer, Dennis (MITG-DS28); Salvadori, Lawrence (MITG-LAS3)
H-KN-00522CN	CN	200710102505.9	ZL200710102505.9	CN101164514A	06/30/2006	05/14/2007	10/24/2012	05/14/2027	Utility	Active	Issued	Covidien LP	Covidien LP	Method for Securing a Urine Meter to a Urine Bag	Patient Monitoring & Recovery - PMR - Mansfield | Urology | Other Urology	Schreuer, Dennis (MITG-DS28); Salvadori, Lawrence (MITG-LAS3)
H-KN-00522DE	DE	07252068.7	602007007544.0-08	1872720	06/30/2006	05/18/2007	07/07/2010	05/18/2027	National Stage	Active	Issued	Covidien LP	Covidien LP	Method For Securing A Urine Meter To A Urine Bag	Patient Monitoring & Recovery - PMR - Mansfield | Urology | Other Urology	Schreuer, Dennis (MITG-DS28); Salvadori, Lawrence (MITG-LAS3)
H-KN-00522ES	ES	07252068.7	1872720	1872720	06/30/2006	05/18/2007	07/07/2010	05/18/2027	National Stage	Active	Issued	Covidien LP	Covidien LP	Method For Securing A Urine Meter To A Urine Bag	Patient Monitoring & Recovery - PMR - Mansfield | Urology | Other Urology	Schreuer, Dennis (MITG-DS28); Salvadori, Lawrence (MITG-LAS3)
H-KN-00522FR	FR	07252068.7	1872720	1872720	06/30/2006	05/18/2007	07/07/2010	05/18/2027	National Stage	Active	Issued	Covidien LP	Covidien LP	Method For Securing A Urine Meter To A Urine Bag	Patient Monitoring & Recovery - PMR - Mansfield | Urology | Other Urology	Schreuer, Dennis (MITG-DS28); Salvadori, Lawrence (MITG-LAS3)
H-KN-00522GB	GB	07252068.7	1872720	1872720	06/30/2006	05/18/2007	07/07/2010	05/18/2027	National Stage	Active	Issued	Covidien LP	Covidien LP	Method For Securing A Urine Meter To A Urine Bag	Patient Monitoring & Recovery - PMR - Mansfield | Urology | Other Urology	Schreuer, Dennis (MITG-DS28); Salvadori, Lawrence (MITG-LAS3)
H-KN-00522IE	IE	07252068.7	1872720	1872720	06/30/2006	05/18/2007	07/07/2010	05/18/2027	National Stage	Active	Issued - Dropped	Covidien LP	Covidien LP	Method For Securing A Urine Meter To A Urine Bag	Patient Monitoring & Recovery - PMR - Mansfield | Urology | Other Urology	Schreuer, Dennis (MITG-DS28); Salvadori, Lawrence (MITG-LAS3)
H-KN-00522IT	IT	07252068.7	28669BE/2010	1872720	06/30/2006	05/18/2007	07/07/2010	05/18/2027	National Stage	Active	Issued	Covidien LP	Covidien LP	Method For Securing A Urine Meter To A Urine Bag	Patient Monitoring & Recovery - PMR - Mansfield | Urology | Other Urology	Schreuer, Dennis (MITG-DS28); Salvadori, Lawrence (MITG-LAS3)
H-KN-00522MX	MX	MX/a/2007/004344	285821		06/30/2006	04/12/2007	04/18/2011	04/12/2027	Utility	Active	Issued	Covidien LP	Covidien LP	Method for Securing a Urine Meter to a Urine Bag	Patient Monitoring & Recovery - PMR - Mansfield | Urology | Other Urology	Schreuer, Dennis (MITG-DS28); Salvadori, Lawrence (MITG-LAS3)
H-KN-00522NZ	NZ	548286	548286	548286	06/30/2006	04/02/2007	29/08/2008	04/02/2027	Utility	Active	Issued - Dropped	Covidien LP	Covidien LP	Method for Securing a Urine Meter to a Urine Bag	Patient Monitoring & Recovery - PMR - Mansfield | Urology | Other Urology	Schreuer, Dennis (MITG-DS28); Salvadori, Lawrence (MITG-LAS3)
H-KN-00522NZDIV	NZ	574072	574072		06/30/2006	09/10/2008	28/03/2011	04/02/2027	Divisional	Active	Issued - Dropped	Covidien LP	Covidien LP	Method for Securing a Urine Meter to a Urine Bag	Patient Monitoring & Recovery - PMR - Mansfield | Urology | Other Urology	Schreuer, Dennis (MITG-DS28); Salvadori, Lawrence (MITG-LAS3)

Matter #	Country	App #	Patent #	Pub #	Priority Date	App Date	Issue Date	Expiration Date	Matter Sub-Type	Status	Sub Status	Current Owner	Assignee	Title	Business Classification	Inventors
H-KN-00522US	US	11/478749	7645968	20080009813	06/30/2006	06/30/2006	01/12/2010	06/30/2026	Utility	Active	Issued	Covidien LP	Covidien LP	METHOD FOR SECURING A URINE METER TO A URINE BAG	Patient Monitoring & Recovery - PMR - Mansfield | Urology | Other Urology	Schreuer, Dennis (MITG-DS28); Salvadori, Lawrence (MITG-LAS3)
H-KN-00410US2	US	29/350497	D660431		01/31/2006	11/18/2009	05/22/2012	05/22/2026	Continuation	Active	Issued	Covidien LP	Covidien LP	Medical apparatus for cutting medical tubes	Patient Monitoring & Recovery - PMR - Mansfield | Monitoring & Operating Room | Other MORP	Schuchmann, Amy (schuca2); Holley, Steven (MITG-SAH); Tauer, Mark (MITG-MT5); Stewart, Bradley (MITG-BMS)
355993WO01	WO	PCT/US2015/066285		WO 2016/100617	12/19/2014	12/17/2015		07/19/2017	Utility	Active	Published	Covidien LP	Covidien LP	System, Apparatus and Method Employed with Enteral Systems	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Gastrointestinal	Schuessler, Wayne (schuew1)
356032AU01	AU	201512785	362618		12/19/2014	05/29/2015	07/16/2015	05/29/2025	Design	Active	Issued	Covidien LP	Covidien LP	Medical Tubing Connector	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Gastrointestinal	Schuessler, Wayne (schuew1)
356032CA01	CA	163048	163048		12/19/2014	06/19/2015	01/19/2016	01/19/2026	Design	Active	Issued	Covidien LP	Covidien LP	Medical Tubing Connector	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Gastrointestinal	Schuessler, Wayne (schuew1)
356032CN01	CN	201530199475.3	ZL 201530199475.3		12/19/2014	06/17/2015	03/02/2016	06/16/2025	Design	Active	Issued	Covidien LP	Covidien LP	Medical Tubing Connector	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Gastrointestinal	Schuessler, Wayne (schuew1)
356032EM01	EU	002707117	002707117-0001		12/19/2014	05/26/2015	06/18/2015	05/26/2040	Design	Active	Issued	Covidien LP	Covidien LP	Medical Tubing Connector	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Gastrointestinal	Schuessler, Wayne (schuew1)
356032JP01	JP	2015-11566	1537993		12/19/2014	05/26/2015	10/16/2015	10/16/2035	Design	Active	Issued	Covidien LP	Covidien LP	Medical Tubing Connector	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Gastrointestinal	Schuessler, Wayne (schuew1)
356032MX01	MX	MX/f/2015/001649	46982		12/19/2014	05/25/2015	05/31/2016	05/25/2030	Design	Active	Issued	Covidien LP	Covidien LP	Medical Tubing Connector	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Gastrointestinal	Schuessler, Wayne (schuew1)
356032SG01	SG	30201501036R	30201501036R		12/19/2014	05/26/2015	05/26/2015	05/26/2030	Design	Active	Issued	Covidien LP	Covidien LP	Medical Tubing Connector	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Gastrointestinal	Schuessler, Wayne (schuew1)
356032US01	US	29/512535			12/19/2014	12/19/2014			Design	Active	Filed	Covidien LP	Covidien LP	Medical Tubing Connector	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Gastrointestinal	Schuessler, Wayne (schuew1)
H-KN-03116US02	US	14/863654		US 2016-0089528 A1	09/25/2014	09/24/2015			Utility	Active	Published	Covidien LP	Covidien LP	Enteral Feeding Connector	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Feeding	Schuessler, Wayne (schuew1)
H-KN-03116WO02	WO	PCT/US2015/051909		WO 2016/049296	09/25/2014	09/24/2015		04/25/2017	Utility	Active	Published	Covidien LP	Covidien LP	Enteral Feeding Connector	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Feeding	Schuessler, Wayne (schuew1)
355993US01	US	14/576905		US-2016-0175201-A1	12/19/2014	12/19/2014			Utility	Active	Published	Covidien LP	Covidien LP	System, Apparatus and Method Employed with Enteral Systems	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Gastrointestinal	Schuessler, Wayne (schuew1); Donahoe, Robert (MITG-RD5)
H-KN-01901US1	US	13/438853	9,289,272	20120258421	04/05/2011	04/04/2012	03/22/2016	12/25/2033	Utility	Active	Issued	Covidien LP	Covidien LP	Anesthetic Syringe	Patient Monitoring & Recovery - PMR - Mansfield | Dental	Selvitelli, David (selvid1)
H-KN-00368US3	US	11/796413	8260438	20070255382	04/27/2006	04/27/2007	09/04/2012	04/18/2030	Utility	Active	Issued	Covidien LP	Covidien LP	Electrode Pad Packaging Systems and Methods	Patient Monitoring & Recovery - PMR - Mansfield | Monitoring & Operating Room | Other MORP	Selvitelli, David (selvid1); Coggins, Scott (coggis1); Burnes, Lee (COV-PV-LCB); Meyer, Peter F. (MITG-PM10)
H-KN-00368US4	US	13/559632	8594812	20120290061	04/27/2006	07/27/2012	11/26/2013	04/27/2027	Continuation	Active	Issued	Covidien LP	Covidien LP	Electrode Pad Packaging Systems and Methods	Patient Monitoring & Recovery - PMR - Mansfield | Monitoring & Operating Room | Other MORP	Selvitelli, David (selvid1); Coggins, Scott (coggis1); Burnes, Lee (COV-PV-LCB); Meyer, Peter F. (MITG-PM10)
H-KN-00368US5	US	14/088659	9026230	20140216965	04/27/2006	11/25/2013	05/05/2015	04/27/2027	Continuation	Active	Issued	Covidien LP	Covidien LP	Electrode Pad Packaging Systems and Methods	Patient Monitoring & Recovery - PMR - Mansfield | Monitoring & Operating Room | Other MORP	Selvitelli, David (selvid1); Coggins, Scott (coggis1); Burnes, Lee (COV-PV-LCB); Meyer, Peter F. (MITG-PM10)
H-KN-00829AU	AU	2007237345	2007237345		12/05/2006	12/04/2007	07/25/2013	12/04/2027	Utility	Active	Issued	Covidien LP	Covidien LP	Electrode Connector	Patient Monitoring & Recovery - PMR - Mansfield | Monitoring & Operating Room | Other MORP	Selvitelli, David (selvid1); Coggins, Scott (coggis1); Burnes, Lee (COV-PV-LCB); Tauer, Mark (MITG-MT5)
H-KN-00829CA	CA	2612837	2612837	2612837	12/05/2006	11/29/2007	12/06/2016	11/29/2027	Utility	Active	Issued	Covidien LP	Covidien LP	Electrode Connector	Patient Monitoring & Recovery - PMR - Mansfield | Monitoring & Operating Room | Other MORP	Selvitelli, David (selvid1); Coggins, Scott (coggis1); Burnes, Lee (COV-PV-LCB); Tauer, Mark (MITG-MT5)
H-KN-00829CN	CN	200710300790.5	ZL200710300790.5	CN101219047A	12/05/2006	12/05/2007	06/13/2012	12/05/2027	Utility	Active	Issued	Covidien LP	Covidien LP	Electrode Connector	Patient Monitoring & Recovery - PMR - Mansfield | Monitoring & Operating Room | Other MORP	Selvitelli, David (selvid1); Coggins, Scott (coggis1); Burnes, Lee (COV-PV-LCB); Tauer, Mark (MITG-MT5)
H-KN-00829CNDIV	CN	201110359379.1	ZL201110359379.1	102512155	12/05/2006	12/05/2007	05/21/2014	12/05/2027	Divisional	Active	Issued	Covidien LP	Covidien LP	Electrode Connector	Patient Monitoring & Recovery - PMR - Mansfield | Monitoring & Operating Room | Other MORP	Selvitelli, David (selvid1); Coggins, Scott (coggis1); Burnes, Lee (COV-PV-LCB); Tauer, Mark (MITG-MT5)
H-KN-00829DE	DE	07254692.2	602007031102.0	1929942	12/05/2006	12/04/2007	06/19/2013	12/04/2027	National Stage	Active	Issued	Covidien LP	Covidien LP	Electrode Connector	Patient Monitoring & Recovery - PMR - Mansfield | Monitoring & Operating Room | Other MORP	Selvitelli, David (selvid1); Coggins, Scott (coggis1); Burnes, Lee (COV-PV-LCB); Tauer, Mark (MITG-MT5)
H-KN-00829ES	ES	07254692.2	1929942	1929942	12/05/2006	12/04/2007	06/19/2013	12/04/2027	National Stage	Active	Issued	Covidien LP	Covidien LP	Electrode Connector	Patient Monitoring & Recovery - PMR - Mansfield | Monitoring & Operating Room | Other MORP	Selvitelli, David (selvid1); Coggins, Scott (coggis1); Burnes, Lee (COV-PV-LCB); Tauer, Mark (MITG-MT5)
H-KN-00829FR	FR	07254692.2	1929942	1929942	12/05/2006	12/04/2007	06/19/2013	12/04/2027	National Stage	Active	Issued	Covidien LP	Covidien LP	Electrode Connector	Patient Monitoring & Recovery - PMR - Mansfield | Monitoring & Operating Room | Other MORP	Selvitelli, David (selvid1); Coggins, Scott (coggis1); Burnes, Lee (COV-PV-LCB); Tauer, Mark (MITG-MT5)

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Matter #	Country	App #	Patent #	Pub #	Priority Date	App Date	Issue Date	Expiration Date	Matter Sub-Type	Status	Sub Status	Current Owner	Assignee	Title	Business Classification	Inventors
H-KN-00829GB	GB	07254692.2	1929942	1929942	12/05/2006	12/04/2007	06/19/2013	12/04/2027	National Stage	Active	Issued	Covidien LP	Covidien LP	Electrode Connector	Patient Monitoring & Recovery - PMR - Mansfield | Monitoring & Operating Room | Other MORP	Selvitelli, David (selvid1); Coggins, Scott (coggis1); Burnes, Lee (COV-PV-LCB); Tauer, Mark (MITG-MTS)
H-KN-00829IE	IE	07254692.2	1929942	1929942	12/05/2006	12/04/2007	06/19/2013	12/04/2027	National Stage	Active	Issued	Covidien LP	Covidien LP	Electrode Connector	Patient Monitoring & Recovery - PMR - Mansfield | Monitoring & Operating Room | Other MORP	Selvitelli, David (selvid1); Coggins, Scott (coggis1); Burnes, Lee (COV-PV-LCB); Tauer, Mark (MITG-MTS)
H-KN-00829JP	JP	2007-314076	5198839	2008-142545	12/05/2006	12/04/2007	02/15/2013	12/04/2027	Utility	Active	Issued	Covidien LP	Covidien LP	Electrode Connector	Patient Monitoring & Recovery - PMR - Mansfield | Monitoring & Operating Room | Other MORP	Selvitelli, David (selvid1); Coggins, Scott (coggis1); Burnes, Lee (COV-PV-LCB); Tauer, Mark (MITG-MTS)
H-KN-00829JPDIV	JP	2013-1001	5795779	2013-81802	12/05/2006	12/04/2007	08/21/2015	12/04/2027	Divisional	Active	Issued	Covidien LP	Covidien LP	Electrode Connector	Patient Monitoring & Recovery - PMR - Mansfield | Monitoring & Operating Room | Other MORP	Selvitelli, David (selvid1); Coggins, Scott (coggis1); Burnes, Lee (COV-PV-LCB); Tauer, Mark (MITG-MTS)
H-KN-00829MX	MX	MX/a/2007/015294	274575		12/05/2006	12/04/2007	03/19/2010	12/04/2027	Utility	Active	Issued	Covidien LP	Covidien LP	Electrode Connector	Patient Monitoring & Recovery - PMR - Mansfield | Monitoring & Operating Room | Other MORP	Selvitelli, David (selvid1); Coggins, Scott (coggis1); Burnes, Lee (COV-PV-LCB); Tauer, Mark (MITG-MTS)
H-KN-00829US	US	11/634028	7445522	20080132773	12/05/2006	12/05/2006	11/04/2008	12/05/2026	Utility	Active	Issued	Covidien LP	Covidien LP	Electrode Connector	Patient Monitoring & Recovery - PMR - Mansfield | Monitoring & Operating Room | Other MORP	Selvitelli, David (selvid1); Coggins, Scott (coggis1); Burnes, Lee (COV-PV-LCB); Tauer, Mark (MITG-MTS)
H-KN-00820.ATN5	AT	09251989.1	2163193	EP2163193	09/11/2008	08/13/2009	03/16/2016	08/13/2029	National Stage	Active	Issued	Covidien LP	Covidien LP	Conductive Compositions and Method	Patient Monitoring & Recovery - PMR - Mansfield | Custom Product Solutions | Other CPS	Selvitelli, David (selvid1); Copp-Howland, Warren (MITG-WWC)
H-KN-00820.DEN2	DE	09251989.1	2163193	EP2163193	09/11/2008	08/13/2009	03/16/2016	08/13/2029	National Stage	Active	Issued	Covidien LP	Covidien LP	Conductive Compositions and Method	Patient Monitoring & Recovery - PMR - Mansfield | Custom Product Solutions | Other CPS	Selvitelli, David (selvid1); Copp-Howland, Warren (MITG-WWC)
H-KN-00820.ESN4	ES	09251989.1	2163193	EP2163193	09/11/2008	08/13/2009	03/16/2016	08/13/2029	National Stage	Active	Issued	Covidien LP	Covidien LP	Conductive Compositions and Method	Patient Monitoring & Recovery - PMR - Mansfield | Custom Product Solutions | Other CPS	Selvitelli, David (selvid1); Copp-Howland, Warren (MITG-WWC)
H-KN-00820.FRN3	FR	09251989.1	2163193	EP2163193	09/11/2008	08/13/2009	03/16/2016	08/13/2029	National Stage	Active	Issued	Covidien LP	Covidien LP	Conductive Compositions and Method	Patient Monitoring & Recovery - PMR - Mansfield | Custom Product Solutions | Other CPS	Selvitelli, David (selvid1); Copp-Howland, Warren (MITG-WWC)
H-KN-00820.GBN1	GB	09251989.1	2163193	EP2163193	09/11/2008	08/13/2009	03/16/2016	08/13/2029	National Stage	Active	Issued	Covidien LP	Covidien LP	Conductive Compositions and Method	Patient Monitoring & Recovery - PMR - Mansfield | Custom Product Solutions | Other CPS	Selvitelli, David (selvid1); Copp-Howland, Warren (MITG-WWC)
H-KN-00820.IEN6	IE	09251989.1	2163193	EP2163193	09/11/2008	08/13/2009	03/16/2016	08/13/2029	National Stage	Active	Issued	Covidien LP	Covidien LP	Conductive Compositions and Method	Patient Monitoring & Recovery - PMR - Mansfield | Custom Product Solutions | Other CPS	Selvitelli, David (selvid1); Copp-Howland, Warren (MITG-WWC)
H-KN-00820JP	JP	2009-196132	5611555	2010-65222	09/11/2008	08/26/2009	09/12/2014	08/26/2029	Utility	Active	Issued	Covidien LP	Covidien LP	Conductive Compositions and Method	Patient Monitoring & Recovery - PMR - Mansfield | Custom Product Solutions | Other CPS	Selvitelli, David (selvid1); Copp-Howland, Warren (MITG-WWC)
H-KN-00820US	US	12/208424	8419982	20100059722-A1	09/11/2008	09/11/2008	04/16/2013	09/11/2028	Utility	Active	Issued	Covidien LP	Covidien LP	Conductive Compositions and Method	Patient Monitoring & Recovery - PMR - Mansfield | Custom Product Solutions | Other CPS	Selvitelli, David (selvid1); Copp-Howland, Warren (MITG-WWC)
H-KN-02813EP01	EP	13792544.2		2914303	11/01/2012	11/01/2013			National Stage	Active	Published	Covidien LP	Covidien LP	System and Method for Treatment of a Surface of an Injection Device	Patient Monitoring & Recovery - PMR - Mansfield | Dental	Selvitelli, David (selvid1); Finke, Melvin (finkem2)
H-KN-02813US1	US	14/069433		20140119986	11/01/2012	11/01/2013			Utility	Active	Published	Covidien LP	Covidien LP	System and Method for Treatment of a Surface of an Injection Device	Patient Monitoring & Recovery - PMR - Mansfield | Dental	Selvitelli, David (selvid1); Finke, Melvin (finkem2)
H-KN-00966.CAV4	CA	2925982		2925982	11/02/2007	10/31/2008			Divisional	Active	Published	Covidien LP	Covidien LP	MEDICAL ELECTRODE HAVING HEAT SENSITIVE COMPONENT	Patient Monitoring & Recovery - PMR - Mansfield | Custom Product Solutions | Other CPS	Selvitelli, David (selvid1); Garstka, Erick (garste1); Tremblay, Kathleen (trembk1); Coggins, Scott (coggis1); Burnes, Lee (COV-PV-LCB); Copp-Howland, Warren
H-KN-00966CA2	CA	2642442	2642442	2642442	11/02/2007	10/31/2008	06/14/2016	10/31/2028	Utility	Active	Issued	Covidien LP	Covidien LP	MEDICAL ELECTRODE HAVING HEAT SENSITIVE COMPONENT	Patient Monitoring & Recovery - PMR - Mansfield | Custom Product Solutions | Other CPS	Selvitelli, David (selvid1); Garstka, Erick (garste1); Tremblay, Kathleen (trembk1); Coggins, Scott (coggis1); Burnes, Lee (COV-PV-LCB); Copp-Howland, Warren
H-KN-00966DE2	DE	08253588.1	60 2008 004 397.5-08	2055346	11/02/2007	11/03/2008	01/12/2011	11/03/2028	National Stage	Active	Issued	Covidien LP	Covidien LP	Novel Electrodes	Patient Monitoring & Recovery - PMR - Mansfield | Custom Product Solutions | Other CPS	Selvitelli, David (selvid1); Garstka, Erick (garste1); Tremblay, Kathleen (trembk1); Coggins, Scott (coggis1); Burnes, Lee (COV-PV-LCB); Copp-Howland, Warren
H-KN-00966DE2DIV	DE	10167140.2	602008019084.6	EP2226094	11/02/2007	06/24/2010	09/26/2012	11/03/2028	Divisional	Active	Issued	Covidien LP	Covidien LP	Novel Electrodes	Patient Monitoring & Recovery - PMR - Mansfield | Custom Product Solutions | Other CPS	Selvitelli, David (selvid1); Garstka, Erick (garste1); Tremblay, Kathleen (trembk1); Coggins, Scott (coggis1); Burnes, Lee (COV-PV-LCB); Copp-Howland, Warren
H-KN-00966DEDIV	DE	10163880.7	602008019083.8	2221085	11/02/2007	05/26/2010	09/26/2012	11/03/2028	Divisional	Active	Issued	Covidien LP	Covidien LP	Novel Electrodes	Patient Monitoring & Recovery - PMR - Mansfield | Custom Product Solutions | Other CPS	Selvitelli, David (selvid1); Garstka, Erick (garste1); Tremblay, Kathleen (trembk1); Coggins, Scott (coggis1); Burnes, Lee (COV-PV-LCB); Copp-Howland, Warren
H-KN-00966ES2	ES	08253588.1	2055346	2055346	11/02/2007	11/03/2008	01/12/2011	11/03/2028	National Stage	Active	Issued	Covidien LP	Covidien LP	Novel Electrodes	Patient Monitoring & Recovery - PMR - Mansfield | Custom Product Solutions | Other CPS	Selvitelli, David (selvid1); Garstka, Erick (garste1); Tremblay, Kathleen (trembk1); Coggins, Scott (coggis1); Burnes, Lee (COV-PV-LCB); Copp-Howland, Warren
H-KN-00966FR2	FR	08253588.1	2055346	2055346	11/02/2007	11/03/2008	01/12/2011	11/03/2028	National Stage	Active	Issued	Covidien LP	Covidien LP	Novel Electrodes	Patient Monitoring & Recovery - PMR - Mansfield | Custom Product Solutions | Other CPS	Selvitelli, David (selvid1); Garstka, Erick (garste1); Tremblay, Kathleen (trembk1); Coggins, Scott (coggis1); Burnes, Lee (COV-PV-LCB); Copp-Howland, Warren
H-KN-00966FR2DIV	FR	10167140.2	2226094	EP2226094	11/02/2007	06/24/2010	09/26/2012	11/03/2028	Divisional	Active	Issued	Covidien LP	Covidien LP	Novel Electrodes	Patient Monitoring & Recovery - PMR - Mansfield | Custom Product Solutions | Other CPS	Selvitelli, David (selvid1); Garstka, Erick (garste1); Tremblay, Kathleen (trembk1); Coggins, Scott (coggis1); Burnes, Lee (COV-PV-LCB); Copp-Howland, Warren
H-KN-00966FRDIV	FR	10163880.7	2221085	2221085	11/02/2007	05/26/2010	09/26/2012	11/03/2028	Divisional	Active	Issued	Covidien LP	Covidien LP	Novel Electrodes	Patient Monitoring & Recovery - PMR - Mansfield | Custom Product Solutions | Other CPS	Selvitelli, David (selvid1); Garstka, Erick (garste1); Tremblay, Kathleen (trembk1); Coggins, Scott (coggis1); Burnes, Lee (COV-PV-LCB); Copp-Howland, Warren

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Matter #	Country	App #	Patent #	Pub #	Priority Date	App Date	Issue Date	Expiration Date	Matter Sub-Type	Status	Sub Status	Current Owner	Assignee	Title	Business Classification	Inventors
H-KN-00966GB2	GB	08253588.1	2055346	2055346	11/02/2007	11/03/2008	01/12/2011	11/03/2028	National Stage	Active	Issued	Covidien LP	Covidien LP	Novel Electrodes	Patient Monitoring & Recovery - PMR - Mansfield | Custom Product Solutions | Other CPS	Selvitelli, David (selvid1); Garstka, Erick (garste1); Tremblay, Kathleen (trembk1); Coggins, Scott (coggis1); Burnes, Lee (COV-PV-LCB); Copp-Howland, Warren
H-KN-00966GB2DIV	GB	10167140.2	2226094	EP2226094	11/02/2007	06/24/2010	09/26/2012	11/03/2028	Divisional	Active	Issued	Covidien LP	Covidien LP	Novel Electrodes	Patient Monitoring & Recovery - PMR - Mansfield | Custom Product Solutions | Other CPS	Selvitelli, David (selvid1); Garstka, Erick (garste1); Tremblay, Kathleen (trembk1); Coggins, Scott (coggis1); Burnes, Lee (COV-PV-LCB); Copp-Howland, Warren
H-KN-00966GBDIV	GB	10163880.7	2221085	2221085	11/02/2007	05/26/2010	09/26/2012	11/03/2028	Divisional	Active	Issued	Covidien LP	Covidien LP	Novel Electrodes	Patient Monitoring & Recovery - PMR - Mansfield | Custom Product Solutions | Other CPS	Selvitelli, David (selvid1); Garstka, Erick (garste1); Tremblay, Kathleen (trembk1); Coggins, Scott (coggis1); Burnes, Lee (COV-PV-LCB); Copp-Howland, Warren
H-KN-00966IT2	IT	08253588.1	2055346	2055346	11/02/2007	11/03/2008	01/12/2011	11/03/2028	National Stage	Active	Issued	Covidien LP	Covidien LP	Novel Electrodes	Patient Monitoring & Recovery - PMR - Mansfield | Custom Product Solutions | Other CPS	Selvitelli, David (selvid1); Garstka, Erick (garste1); Tremblay, Kathleen (trembk1); Coggins, Scott (coggis1); Burnes, Lee (COV-PV-LCB); Copp-Howland, Warren
H-KN-01425JP	JP	2011-59943	5647550	2011-194231	03/18/2010	03/17/2011	11/14/2014	03/17/2031	Utility	Active	Issued	Covidien LP	Covidien LP	Electrode Delivery System	Patient Monitoring & Recovery - PMR - Mansfield | Custom Product Solutions | Other CPS	Selvitelli, David (selvid1); Garstka, Erick (garste1); Tremblay, Kathleen (trembk1); Copp-Howland, Warren (MITG-WWC)
H-KN-01425CA	CA	2733373		2733373	03/18/2010	03/04/2011			Utility	Active	Published	Covidien LP	Covidien LP	Electrode Delivery System	Patient Monitoring & Recovery - PMR - Mansfield | Custom Product Solutions | Other CPS	Selvitelli, David (selvid1); Garstka, Erick (garste1); Tremblay, Kathleen (trembk1); Gasiorski, Caroline (MITG-CG7); Copp-Howland, Warren (MITG-WWC)
H-KN-01425DE01	DE	11157002.4	602011016207.1		03/18/2010	03/04/2011	05/06/2015	03/04/2031	National Stage	Active	Issued	Covidien LP	Covidien LP	Electrode Delivery System	Patient Monitoring & Recovery - PMR - Mansfield | Custom Product Solutions | Other CPS	Selvitelli, David (selvid1); Garstka, Erick (garste1); Tremblay, Kathleen (trembk1); Gasiorski, Caroline (MITG-CG7); Copp-Howland, Warren (MITG-WWC)
H-KN-01425EP	EP	11157002.4	2366426	EP2366426	03/18/2010	03/04/2011	05/06/2015	03/04/2031	Utility	Active	Issued	Covidien LP	Covidien LP	Electrode Delivery System	Patient Monitoring & Recovery - PMR - Mansfield | Custom Product Solutions | Other CPS	Selvitelli, David (selvid1); Garstka, Erick (garste1); Tremblay, Kathleen (trembk1); Gasiorski, Caroline (MITG-CG7); Copp-Howland, Warren (MITG-WWC)
H-KN-01425FR01	FR	11157002.4	2366426		03/18/2010	03/04/2011	05/06/2015	03/04/2031	National Stage	Active	Issued	Covidien LP	Covidien LP	Electrode Delivery System	Patient Monitoring & Recovery - PMR - Mansfield | Custom Product Solutions | Other CPS	Selvitelli, David (selvid1); Garstka, Erick (garste1); Tremblay, Kathleen (trembk1); Gasiorski, Caroline (MITG-CG7); Copp-Howland, Warren (MITG-WWC)
H-KN-01425GB01	GB	11157002.4	2366426		03/18/2010	03/04/2011	05/06/2015	03/04/2031	National Stage	Active	Issued	Covidien LP	Covidien LP	Electrode Delivery System	Patient Monitoring & Recovery - PMR - Mansfield | Custom Product Solutions | Other CPS	Selvitelli, David (selvid1); Garstka, Erick (garste1); Tremblay, Kathleen (trembk1); Gasiorski, Caroline (MITG-CG7); Copp-Howland, Warren (MITG-WWC)
H-KN-01425US1	US	12/886926	8428751	2011-0230925-A1	03/18/2010	09/21/2010	04/23/2013	06/16/2031	Utility	Active	Issued	Covidien LP	Covidien LP	Electrode Delivery System	Patient Monitoring & Recovery - PMR - Mansfield | Custom Product Solutions | Other CPS	Selvitelli, David (selvid1); Garstka, Erick (garste1); Tremblay, Kathleen (trembk1); Gasiorski, Caroline (MITG-CG7); Copp-Howland, Warren (MITG-WWC)
H-KN-01425US2	US	13/850323	8942830	20130289689	03/18/2010	03/26/2013	01/27/2015	09/21/2030	Continuation	Active	Issued	Covidien LP	Covidien LP	Electrode Delivery System	Patient Monitoring & Recovery - PMR - Mansfield | Custom Product Solutions | Other CPS	Selvitelli, David (selvid1); Garstka, Erick (garste1); Tremblay, Kathleen (trembk1); Gasiorski, Caroline (MITG-CG7); Copp-Howland, Warren (MITG-WWC)
H-KN-00962.DEN11	DE	08171185.5	2070474	EP2070474	12/11/2007	12/10/2008	02/08/2017	12/10/2028	National Stage	Active	Draft	Covidien LP	Covidien LP	ECG Electrode Connector	Patient Monitoring & Recovery - PMR - Mansfield | Monitoring & Operating Room | Other MORP	Selvitelli, David (selvid1); Meyer, Peter F. (MITG-PM10)
H-KN-00962.FRN12	FR	08171185.5	2070474	EP2070474	12/11/2007	12/10/2008	02/08/2017	12/10/2028	National Stage	Active	Draft	Covidien LP	Covidien LP	ECG Electrode Connector	Patient Monitoring & Recovery - PMR - Mansfield | Monitoring & Operating Room | Other MORP	Selvitelli, David (selvid1); Meyer, Peter F. (MITG-PM10)
H-KN-00962.GBN13	GB	08171185.5	2070474	EP2070474	12/11/2007	12/10/2008	02/08/2017	12/10/2028	National Stage	Active	Draft	Covidien LP	Covidien LP	ECG Electrode Connector	Patient Monitoring & Recovery - PMR - Mansfield | Monitoring & Operating Room | Other MORP	Selvitelli, David (selvid1); Meyer, Peter F. (MITG-PM10)
H-KN-00962CA	CA	2646037		2646037	12/11/2007	12/09/2008			Utility	Active	Published	Covidien LP	Covidien LP	ECG Electrode Connector	Patient Monitoring & Recovery - PMR - Mansfield | Monitoring & Operating Room | Other MORP	Selvitelli, David (selvid1); Meyer, Peter F. (MITG-PM10)
H-KN-00962CN	CN	200810191090.1	ZL200810191090.1	CN101491438A	12/11/2007	12/11/2008	04/03/2013	12/11/2028	Utility	Active	Issued	Covidien LP	Covidien LP	ECG Electrode Connector	Patient Monitoring & Recovery - PMR - Mansfield | Monitoring & Operating Room | Other MORP	Selvitelli, David (selvid1); Meyer, Peter F. (MITG-PM10)
H-KN-00962CNDIV	CN	201310064924.3	ZL201310064924.3	CN103169468A	12/11/2007	12/11/2008	09/09/2015	12/11/2028	Divisional	Active	Issued	Covidien LP	Covidien LP	ECG Electrode Connector	Patient Monitoring & Recovery - PMR - Mansfield | Monitoring & Operating Room | Other MORP	Selvitelli, David (selvid1); Meyer, Peter F. (MITG-PM10)
H-KN-00962DEDIV	DE	12187209.7	2545849	EP2545849	12/11/2007	12/10/2008	03/09/2016	12/10/2028	National Stage	Active	Issued	Covidien LP	Covidien LP	ECG Electrode Connector	Patient Monitoring & Recovery - PMR - Mansfield | Monitoring & Operating Room | Other MORP	Selvitelli, David (selvid1); Meyer, Peter F. (MITG-PM10)
H-KN-00962EP	EP	08171185.5	2070474	EP2070474	12/11/2007	12/10/2008	02/08/2017	12/10/2028	Utility	Active	Allowed	Covidien LP	Covidien LP	ECG Electrode Connector	Patient Monitoring & Recovery - PMR - Mansfield | Monitoring & Operating Room | Other MORP	Selvitelli, David (selvid1); Meyer, Peter F. (MITG-PM10)
H-KN-00962EPDIV1	EP	14197698.5		2856938	12/11/2007	12/10/2008			Divisional	Active	Published	Covidien LP	Covidien LP	ECG Electrode Connector	Patient Monitoring & Recovery - PMR - Mansfield | Monitoring & Operating Room | Other MORP	Selvitelli, David (selvid1); Meyer, Peter F. (MITG-PM10)
H-KN-00962GBDIV	GB	12187209.7	2545849	EP2545849	12/11/2007	12/10/2008	03/09/2016	12/10/2028	National Stage	Active	Issued	Covidien LP	Covidien LP	ECG Electrode Connector	Patient Monitoring & Recovery - PMR - Mansfield | Monitoring & Operating Room | Other MORP	Selvitelli, David (selvid1); Meyer, Peter F. (MITG-PM10)
H-KN-00962HK01	HK	15103900.6		1203340A	12/11/2007	12/10/2008		12/10/2028	National Stage	Active	Published	Covidien LP	Covidien LP	ECG Electrode Connector	Patient Monitoring & Recovery - PMR - Mansfield | Monitoring & Operating Room | Other MORP	Selvitelli, David (selvid1); Meyer, Peter F. (MITG-PM10)
H-KN-00962MX	MX	MX/a/2008/015927	302483		12/11/2007	12/11/2008	08/17/2012	12/11/2028	Utility	Active	Issued	Covidien LP	Covidien LP	ECG Electrode Connector	Patient Monitoring & Recovery - PMR - Mansfield | Monitoring & Operating Room | Other MORP	Selvitelli, David (selvid1); Meyer, Peter F. (MITG-PM10)

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Matter #	Country	App #	Patent #	Pub #	Priority Date	App Date	Issue Date	Expiration Date	Matter Sub-Type	Status	Sub Status	Current Owner	Assignee	Title	Business Classification	Inventors
H-KN-00962MXDIV	MX	MX/a/2012/009542	318807		12/11/2007	08/16/2012	03/27/2014	08/16/2032	Divisional	Active	Issued	Covidien LP	Covidien LP	ECG Electrode Connector	Patient Monitoring & Recovery - PMR - Mansfield | Monitoring & Operating Room | Other MORP	Selvitelli, David (selvid1); Meyer, Peter F. (MITG-PM10)
H-KN-00962MXDIV1	MX	MX/a/2013/012636	322401		12/11/2007	12/11/2008	07/30/2014	12/11/2028	Divisional	Active	Issued	Covidien LP	Covidien LP	ECG Electrode Connector	Patient Monitoring & Recovery - PMR - Mansfield | Monitoring & Operating Room | Other MORP	Selvitelli, David (selvid1); Meyer, Peter F. (MITG-PM10)
H-KN-00962MXDIV2	MX	MX/a/2013/012635	322402		12/11/2007	08/16/2013	07/30/2014	08/16/2033	Divisional	Active	Issued	Covidien LP	Covidien LP	ECG Electrode Connector	Patient Monitoring & Recovery - PMR - Mansfield | Monitoring & Operating Room | Other MORP	Selvitelli, David (selvid1); Meyer, Peter F. (MITG-PM10)
H-KN-00962MXDIV3	MX	MX/a/2014/003626	342480		12/11/2007	08/16/2012	09/30/2016	08/16/2032	Divisional	Active	Issued	Covidien LP	Covidien LP	ECG Electrode Connector	Patient Monitoring & Recovery - PMR - Mansfield | Monitoring & Operating Room | Other MORP	Selvitelli, David (selvid1); Meyer, Peter F. (MITG-PM10)
H-KN-00361AUDIV	AU	2013237641	2013237641		12/05/2006	12/04/2007	03/03/2016	12/04/2027	Divisional	Active	Issued	Covidien LP	Covidien LP	ECG Lead Set and ECG Adapter System	Patient Monitoring & Recovery - PMR - Mansfield | Monitoring & Operating Room | Other MORP	Selvitelli, David (selvid1); Moore, Dawn (moored22); Tremblay, Kathleen (trembk1); Coggins, Scott (coggis1); Burnes, Lee (COV-PV-LCB); Tauer, Mark (MITG-MT5)
H-KN-00361EP	EP	07254691.4		1932470	12/05/2006	12/04/2007			Utility	Active	Published	Covidien LP	Covidien LP	ECG Lead Set and ECG Adapter System (Single Use Multi-Leadwire System)	Patient Monitoring & Recovery - PMR - Mansfield | Monitoring & Operating Room | Other MORP	Selvitelli, David (selvid1); Moore, Dawn (moored22); Tremblay, Kathleen (trembk1); Coggins, Scott (coggis1); Burnes, Lee (COV-PV-LCB); Tauer, Mark (MITG-MT5)
H-KN-00361EP01	EP	EP15195658.8		EP3001948	12/05/2006	12/04/2007			Divisional	Active	Published	Covidien LP	Covidien LP	ECG Lead Set and ECG Adapter System	Patient Monitoring & Recovery - PMR - Mansfield | Monitoring & Operating Room | Other MORP	Selvitelli, David (selvid1); Moore, Dawn (moored22); Tremblay, Kathleen (trembk1); Coggins, Scott (coggis1); Burnes, Lee (COV-PV-LCB); Tauer, Mark (MITG-MT5)
H-KN-00361US	US	11/633709	8668651	20080132106	12/05/2006	12/05/2006	03/11/2014	12/18/2029	Utility	Active	Issued	Covidien LP	Covidien LP	ECG Lead Set and ECG Adapter System	Patient Monitoring & Recovery - PMR - Mansfield | Monitoring & Operating Room | Other MORP	Selvitelli, David (selvid1); Moore, Dawn (moored22); Tremblay, Kathleen (trembk1); Coggins, Scott (coggis1); Burnes, Lee (COV-PV-LCB); Tauer, Mark (MITG-MT5)
H-KN-00361US1	US	13/839663	9072444	20130303927	12/05/2006	03/15/2013	07/07/2015	12/05/2026	Divisional	Active	Issued	Covidien LP	Covidien LP	ECG Lead Set and ECG Adapter System	Patient Monitoring & Recovery - PMR - Mansfield | Monitoring & Operating Room | Other MORP	Selvitelli, David (selvid1); Moore, Dawn (moored22); Tremblay, Kathleen (trembk1); Coggins, Scott (coggis1); Burnes, Lee (COV-PV-LCB); Tauer, Mark (MITG-MT5)
H-KN-00361AU	AU	2007237339	2007237339		12/05/2006	12/04/2007	11/28/2013	12/04/2027	Utility	Active	Issued	Covidien LP	Covidien LP	ECG Lead Set and ECG Adapter System	Patient Monitoring & Recovery - PMR - Mansfield | Monitoring & Operating Room | Other MORP	Selvitelli, David (selvid1); Moore, Dawn (moored22); Tremblay, Kathleen (trembk1); Coggins, Scott (coggis1); Tauer, Mark (MITG-MT5)
H-KN-00361AUDV1	AU	2015246072			12/05/2006	12/04/2007			Divisional	Active	Filed	Covidien LP	Covidien LP	ECG Lead Set and ECG Adapter System	Patient Monitoring & Recovery - PMR - Mansfield | Monitoring & Operating Room | Other MORP	Selvitelli, David (selvid1); Moore, Dawn (moored22); Tremblay, Kathleen (trembk1); Coggins, Scott (coggis1); Tauer, Mark (MITG-MT5)
H-KN-00361CA	CA	2612783		2612783	12/05/2006	11/29/2007			Utility	Active	Allowed	Covidien LP	Covidien LP	ECG Lead Set and ECG Adapter System	Patient Monitoring & Recovery - PMR - Mansfield | Monitoring & Operating Room | Other MORP	Selvitelli, David (selvid1); Moore, Dawn (moored22); Tremblay, Kathleen (trembk1); Coggins, Scott (coggis1); Tauer, Mark (MITG-MT5)
H-KN-00361CN	CN	200710300791.X	ZL200710300791.X	CN101234019A	12/05/2006	12/05/2007	01/12/2012	12/05/2027	Utility	Active	Issued	Covidien LP	Covidien LP	ECG Lead Set and ECG Adapter System (Single Use Multi-Leadwire System)	Patient Monitoring & Recovery - PMR - Mansfield | Monitoring & Operating Room | Other MORP	Selvitelli, David (selvid1); Moore, Dawn (moored22); Tremblay, Kathleen (trembk1); Coggins, Scott (coggis1); Tauer, Mark (MITG-MT5)
H-KN-00361JPDIV	JP	2013-28634	5639206	2013-90964	12/05/2006	12/04/2007	10/31/2014	12/04/2027	Divisional	Active	Issued	Covidien LP	Covidien LP	ECG Lead Set and ECG Adapter System	Patient Monitoring & Recovery - PMR - Mansfield | Monitoring & Operating Room | Other MORP	Selvitelli, David (selvid1); Moore, Dawn (moored22); Tremblay, Kathleen (trembk1); Coggins, Scott (coggis1); Tauer, Mark (MITG-MT5)
H-KN-00361MX	MX	MX/a/2007/015295	312485		12/05/2006	12/04/2007	08/20/2013	12/04/2027	Utility	Active	Issued	Covidien LP	Covidien LP	ECG Lead Set and ECG Adapter System	Patient Monitoring & Recovery - PMR - Mansfield | Monitoring & Operating Room | Other MORP	Selvitelli, David (selvid1); Moore, Dawn (moored22); Tremblay, Kathleen (trembk1); Coggins, Scott (coggis1); Tauer, Mark (MITG-MT5)
H-KN-00889CA1	CA	2643952		2643952	12/11/2007	11/17/2008			Utility	Active	Published	Covidien LP	Covidien AG	Biomedical Electrode Connectors	Patient Monitoring & Recovery - PMR - Mansfield | Monitoring & Operating Room | Other MORP	Selvitelli, David (selvid1); Shoum, Joseph (shoumj1); Tremblay, Kathleen (trembk1); Cable, Frank (MITG-FAC); Tauer, Mark (MITG-MT5); Copp-Howland, Warren
H-KN-00889CN1	CN	200810191063.4	ZL200810191063.4	CN101491437A	12/11/2007	12/10/2008	09/05/2012	12/10/2028	Utility	Active	Issued	Covidien LP	Covidien AG	Biomedical Electrode Connectors	Patient Monitoring & Recovery - PMR - Mansfield | Monitoring & Operating Room | Other MORP	Selvitelli, David (selvid1); Shoum, Joseph (shoumj1); Tremblay, Kathleen (trembk1); Cable, Frank (MITG-FAC); Tauer, Mark (MITG-MT5); Copp-Howland, Warren
H-KN-00889DE01	DE	13173993.0	2645485		12/11/2007	12/09/2008	10/15/2014	12/09/2028	National Stage	Active	Issued	Covidien LP	Covidien AG	Biomedical Electrode Connectors	Patient Monitoring & Recovery - PMR - Mansfield | Monitoring & Operating Room | Other MORP	Selvitelli, David (selvid1); Shoum, Joseph (shoumj1); Tremblay, Kathleen (trembk1); Cable, Frank (MITG-FAC); Tauer, Mark (MITG-MT5); Copp-Howland, Warren
H-KN-00889DE02	DE	08171126.9	2071672		12/11/2007	12/09/2008	05/06/2015	12/09/2028	National Stage	Active	Issued	Covidien LP	Covidien AG	Biomedical Electrode Connectors	Patient Monitoring & Recovery - PMR - Mansfield | Monitoring & Operating Room | Other MORP	Selvitelli, David (selvid1); Shoum, Joseph (shoumj1); Tremblay, Kathleen (trembk1); Cable, Frank (MITG-FAC); Tauer, Mark (MITG-MT5); Copp-Howland, Warren
H-KN-00889EP1	EP	08171126.9	2071672	2071672	12/11/2007	12/09/2008	05/06/2015	12/09/2028	Utility	Active	Issued	Covidien LP	Covidien AG	Biomedical Electrode Connectors	Patient Monitoring & Recovery - PMR - Mansfield | Monitoring & Operating Room | Other MORP	Selvitelli, David (selvid1); Shoum, Joseph (shoumj1); Tremblay, Kathleen (trembk1); Cable, Frank (MITG-FAC); Tauer, Mark (MITG-MT5); Copp-Howland, Warren
H-KN-00889EP1D	EP	13173993.0	2645485	2645485	12/11/2007	12/09/2008	10/15/2014	12/09/2028	Divisional	Active	Issued	Covidien LP	Covidien AG	Biomedical Electrode Connectors	Patient Monitoring & Recovery - PMR - Mansfield | Monitoring & Operating Room | Other MORP	Selvitelli, David (selvid1); Shoum, Joseph (shoumj1); Tremblay, Kathleen (trembk1); Cable, Frank (MITG-FAC); Tauer, Mark (MITG-MT5); Copp-Howland, Warren
H-KN-00889ES01	ES	13173993.0	2645485		12/11/2007	12/09/2008	10/15/2014	12/09/2028	National Stage	Active	Issued	Covidien LP	Covidien AG	Biomedical Electrode Connectors	Patient Monitoring & Recovery - PMR - Mansfield | Monitoring & Operating Room | Other MORP	Selvitelli, David (selvid1); Shoum, Joseph (shoumj1); Tremblay, Kathleen (trembk1); Cable, Frank (MITG-FAC); Tauer, Mark (MITG-MT5); Copp-Howland, Warren
H-KN-00889FR01	FR	13173993.0	2645485		12/11/2007	12/09/2008	10/15/2014	12/09/2028	National Stage	Active	Issued	Covidien LP	Covidien AG	Biomedical Electrode Connectors	Patient Monitoring & Recovery - PMR - Mansfield | Monitoring & Operating Room | Other MORP	Selvitelli, David (selvid1); Shoum, Joseph (shoumj1); Tremblay, Kathleen (trembk1); Cable, Frank (MITG-FAC); Tauer, Mark (MITG-MT5); Copp-Howland, Warren
H-KN-00889FR02	FR	08171126.9	2071672		12/11/2007	12/09/2008	05/06/2015	12/09/2028	National Stage	Active	Issued	Covidien LP	Covidien AG	Biomedical Electrode Connectors	Patient Monitoring & Recovery - PMR - Mansfield | Monitoring & Operating Room | Other MORP	Selvitelli, David (selvid1); Shoum, Joseph (shoumj1); Tremblay, Kathleen (trembk1); Cable, Frank (MITG-FAC); Tauer, Mark (MITG-MT5); Copp-Howland, Warren

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PATENT

Matter #	Country	App #	Patent #	Pub #	Priority Date	App Date	Issue Date	Expiration Date	Matter Sub-Type	Status	Sub Status	Current Owner	Assignee	Title	Business Classification	Inventors
H-KN-00889GB01	GB	13173993.0	2645485		12/11/2007	12/09/2008	10/15/2014	12/09/2028	National Stage	Active	Issued	Covidien LP	Covidien AG	Biomedical Electrode Connectors	Patient Monitoring & Recovery - PMR - Mansfield | Monitoring & Operating Room | Other MORP	Selvitelli, David (selvid1); Shoum, Joseph (shoumj1); Tremblay, Kathleen (trembk1); Cable, Frank (MITG-FAC); Tauer, Mark (MITG-MT5}; Copp-Howland, Warren
H-KN-00889GB02	GB	08171126.9	2071672		12/11/2007	12/09/2008	05/06/2015	12/09/2028	National Stage	Active	Issued	Covidien LP	Covidien AG	Biomedical Electrode Connectors	Patient Monitoring & Recovery - PMR - Mansfield | Monitoring & Operating Room | Other MORP	Selvitelli, David (selvid1); Shoum, Joseph (shoumj1); Tremblay, Kathleen (trembk1); Cable, Frank (MITG-FAC); Tauer, Mark (MITG-MT5}; Copp-Howland, Warren
H-KN-00889IE01	IE	13173993.0	2645485		12/11/2007	12/09/2008	10/15/2014	12/09/2028	National Stage	Active	Issued	Covidien LP	Covidien AG	Biomedical Electrode Connectors	Patient Monitoring & Recovery - PMR - Mansfield | Monitoring & Operating Room | Other MORP	Selvitelli, David (selvid1); Shoum, Joseph (shoumj1); Tremblay, Kathleen (trembk1); Cable, Frank (MITG-FAC); Tauer, Mark (MITG-MT5}; Copp-Howland, Warren
H-KN-00889MX1	MX	MX/a/2008/015825	301805		12/11/2007	12/10/2008	07/30/2012	12/10/2028	Utility	Active	Issued	Covidien LP	Covidien AG	Biomedical Electrode Connectors	Patient Monitoring & Recovery - PMR - Mansfield | Monitoring & Operating Room | Other MORP	Selvitelli, David (selvid1); Shoum, Joseph (shoumj1); Tremblay, Kathleen (trembk1); Cable, Frank (MITG-FAC); Tauer, Mark (MITG-MT5}; Copp-Howland, Warren
H-KN-00889US1	US	12/332565	7892017	20090149084	12/11/2007	12/11/2008	02/22/2011	12/11/2028	Utility	Active	Issued	Covidien LP	Covidien AG	Biomedical Electrode Connectors	Patient Monitoring & Recovery - PMR - Mansfield | Monitoring & Operating Room | Other MORP	Selvitelli, David (selvid1); Shoum, Joseph (shoumj1); Tremblay, Kathleen (trembk1); Cable, Frank (MITG-FAC); Tauer, Mark (MITG-MT5}; Copp-Howland, Warren
H-KN-00889US2	US	13/014368	8123568	2011-0117793	12/11/2007	01/26/2011	02/28/2012	12/11/2028	Divisional	Active	Issued	Covidien LP	Covidien AG	Biomedical Electrode Connectors	Patient Monitoring & Recovery - PMR - Mansfield | Monitoring & Operating Room | Other MORP	Selvitelli, David (selvid1); Shoum, Joseph (shoumj1); Tremblay, Kathleen (trembk1); Cable, Frank (MITG-FAC); Tauer, Mark (MITG-MT5}; Copp-Howland, Warren
H-KN-00818US1	US	11/951107	8180425	20080177168	12/05/2006	12/05/2007	05/15/2012	08/14/2030	Utility	Active	Issued	Covidien LP	Covidien LP	ECG Lead Wire Organizer and Dispenser	Patient Monitoring & Recovery - PMR - Mansfield | Monitoring & Operating Room | Other MORP	Selvitelli, David (selvid1); Tauer, Mark (MITG-MT5}
H-KN-02272AU	AU	2012201966	2012201966		04/05/2011	04/04/2012	07/04/2013	04/04/2032	Utility	Active	Issued	Covidien LP	Covidien LP	MEDICAL CARTRIDGE RECEIVER HAVING ACCESS DEVICE	Patient Monitoring & Recovery - PMR - Mansfield | Dental	Selvitelli, David (selvid1); Tremblay, Kathleen (trembk1); Finke, Melvin (finkem2}
H-KN-02272CA	CA	2773487	2773487	2773487	04/05/2011	04/03/2012	01/05/2016	04/03/2032	Utility	Active	Issued	Covidien LP	Covidien LP	MEDICAL CARTRIDGE RECEIVER HAVING ACCESS DEVICE	Patient Monitoring & Recovery - PMR - Mansfield | Dental	Selvitelli, David (selvid1); Tremblay, Kathleen (trembk1); Finke, Melvin (finkem2}
H-KN-02272JP	JP	2012-085543	5431519	2012-217849	04/05/2011	04/04/2012	12/13/2013	04/04/2032	Utility	Active	Issued	Covidien LP	Covidien LP	MEDICAL CARTRIDGE RECEIVER HAVING ACCESS DEVICE	Patient Monitoring & Recovery - PMR - Mansfield | Dental	Selvitelli, David (selvid1); Tremblay, Kathleen (trembk1); Finke, Melvin (finkem2}
H-KN-02272JPDIV	JP	2013-223950	5933898	2014-28312	04/05/2011	04/26/2012	05/13/2016	04/26/2032	Divisional	Active	Issued	Covidien LP	Covidien LP	MEDICAL CARTRIDGE RECEIVER HAVING ACCESS DEVICE	Patient Monitoring & Recovery - PMR - Mansfield | Dental	Selvitelli, David (selvid1); Tremblay, Kathleen (trembk1); Finke, Melvin (finkem2}
H-KN-02272US1	US	13/438854	8864719	20120259287	04/05/2011	04/04/2012	10/21/2014	07/07/2032	Utility	Active	Issued	Covidien LP	Covidien LP	Medical Cartridge Receiver Having Access Device	Patient Monitoring & Recovery - PMR - Mansfield | Dental	Selvitelli, David (selvid1); Tremblay, Kathleen (trembk1); Finke, Melvin (finkem2}
H-KN-01837.CAV3	CA	2932976			08/12/2010	08/12/2011			Divisional	Active	Filed	Covidien LP	Covidien LP	SINGLE USE DEVICE FOR DELIVERY OF CARTRIDGE DRUGS	Patient Monitoring & Recovery - PMR - Mansfield | Dental	Selvitelli, David (selvid1); Tremblay, Kathleen (trembk1); Finke, Melvin (finkem2); Strickland, Carl
H-KN-01837.USV2	US	15/042,520		US 2016-0235920 A1	08/12/2010	02/12/2016			Divisional	Active	Published	Covidien LP	Covidien LP	Single Use Device for Delivery of Cartridge Drugs	Patient Monitoring & Recovery - PMR - Mansfield | Dental	Selvitelli, David (selvid1); Tremblay, Kathleen (trembk1); Finke, Melvin (finkem2); Strickland, Carl
H-KN-01837AU1	AU	2011289296	2011289296		08/12/2010	08/12/2011	02/20/2014	08/12/2031	National Stage	Active	Issued	Covidien LP	Covidien LP	Single Use Device for the Delivery of Cartridge Drugs	Patient Monitoring & Recovery - PMR - Mansfield | Dental	Selvitelli, David (selvid1); Tremblay, Kathleen (trembk1); Finke, Melvin (finkem2); Strickland, Carl
H-KN-01837AU1DIV	AU	2014200639	2014200639		08/12/2010	02/06/2014	05/21/2015	02/06/2034	Divisional	Active	Issued	Covidien LP	Covidien LP	Single Use Device for the Delivery of Cartridge Drugs	Patient Monitoring & Recovery - PMR - Mansfield | Dental	Selvitelli, David (selvid1); Tremblay, Kathleen (trembk1); Finke, Melvin (finkem2); Strickland, Carl
H-KN-01837CA1	CA	2806589	2806589	2806589	08/12/2010	08/12/2011	08/09/2016	08/12/2031	National Stage	Active	Issued	Covidien LP	Covidien LP	Single Use Device for the Delivery of Cartridge Drugs	Patient Monitoring & Recovery - PMR - Mansfield | Dental	Selvitelli, David (selvid1); Tremblay, Kathleen (trembk1); Finke, Melvin (finkem2); Strickland, Carl
H-KN-01837CN1	CN	201180038965.4	ZL 201180038965.4	CN103068423B3	08/12/2010	08/12/2011	03/30/2016	08/12/2031	National Stage	Active	Issued	Covidien LP	Covidien LP	Single Use Device for Delivery of Cartridge Drugs	Patient Monitoring & Recovery - PMR - Mansfield | Dental	Selvitelli, David (selvid1); Tremblay, Kathleen (trembk1); Finke, Melvin (finkem2); Strickland, Carl
H-KN-01837JP1	JP	2013-524238	5907969	2013-533096	08/12/2010	08/12/2011	04/01/2016	08/12/2031	National Stage	Active	Issued	Covidien LP	Covidien LP	Single Use Device for the Delivery of Cartridge Drugs	Patient Monitoring & Recovery - PMR - Mansfield | Dental	Selvitelli, David (selvid1); Tremblay, Kathleen (trembk1); Finke, Melvin (finkem2); Strickland, Carl
H-KN-00818US3	US	13/470942	8560043	20120226129	12/05/2006	05/14/2012	10/15/2013	12/05/2027	Divisional	Active	Issued	Covidien LP	Covidien LP	ECG Lead Wire Organizer and Dispenser	Patient Monitoring & Recovery - PMR - Mansfield | Monitoring & Operating Room | Other MORP	Selvitelli, David (selvid1); Tremblay, Kathleen (trembk1); Tauer, Mark (MITG-MT5}; Zaiken, Eliot (MITG-EJZ}; Callahan, Mark (MITG-MJC}
H-KN-00962US08	US	14/324380	9107594	20140322945	12/11/2007	07/07/2014	08/18/2015	12/08/2028	Continuation	Active	Issued	Covidien LP	Covidien LP	ECG Electrode Connector	Patient Monitoring & Recovery - PMR - Mansfield | Monitoring & Operating Room | Other MORP	Selvitelli, David (selvid1); Yu, Peter (MITG-PY1); Meyer, Peter F. (MITG-PM10}
H-KN-00962US09	US	29/528574			12/09/2008	05/29/2015			Continuation	Active	Allowed	Covidien LP	Covidien LP	ECG Electrode Connector	Patient Monitoring & Recovery - PMR - Mansfield | Monitoring & Operating Room | Other MORP	Selvitelli, David (selvid1); Yu, Peter (MITG-PY1); Meyer, Peter F. (MITG-PM10}
H-KN-00962US1	US	12/330550	8038484	20090149731	12/11/2007	12/09/2008	10/18/2011	07/12/2029	Utility	Active	Issued	Covidien LP	Covidien LP	ECG Electrode Connector	Patient Monitoring & Recovery - PMR - Mansfield | Monitoring & Operating Room | Other MORP	Selvitelli, David (selvid1); Yu, Peter (MITG-PY1); Meyer, Peter F. (MITG-PM10}
H-KN-00962US2	US	13/182656	8152571	20110275252	12/11/2007	07/14/2011	04/10/2012	12/09/2028	Continuation	Active	Issued	Covidien LP	Covidien LP	ECG Electrode Connector	Patient Monitoring & Recovery - PMR - Mansfield | Monitoring & Operating Room | Other MORP	Selvitelli, David (selvid1); Yu, Peter (MITG-PY1); Meyer, Peter F. (MITG-PM10}
H-KN-00962US3	US	13/443096	8408948	20120196474	12/11/2007	04/10/2012	04/02/2013	12/09/2028	Continuation	Active	Issued	Covidien LP	Covidien LP	ECG Electrode Connector	Patient Monitoring & Recovery - PMR - Mansfield | Monitoring & Operating Room | Other MORP	Selvitelli, David (selvid1); Yu, Peter (MITG-PY1); Meyer, Peter F. (MITG-PM10}
H-KN-00962US4	US	13/785713	8690611	20130189881	12/11/2007	03/05/2013	04/08/2014	12/09/2028	Continuation	Active	Issued	Covidien LP	Covidien LP	ECG ELECTRODE CONNECTOR	Patient Monitoring & Recovery - PMR - Mansfield | Monitoring & Operating Room | Other MORP	Selvitelli, David (selvid1); Yu, Peter (MITG-PY1); Meyer, Peter F. (MITG-PM10}
H-KN-00962US5	US	14/041471	8795004	20140170896	12/11/2007	09/30/2013	08/05/2014	12/09/2028	Continuation	Active	Issued	Covidien LP	Covidien LP	ECG ELECTRODE CONNECTOR	Patient Monitoring & Recovery - PMR - Mansfield | Monitoring & Operating Room | Other MORP	Selvitelli, David (selvid1); Yu, Peter (MITG-PY1); Meyer, Peter F. (MITG-PM10}
H-KN-00962US7	US	29/486095	D737979		12/11/2007	03/24/2014	09/01/2015	09/01/2030	Continuation	Active	Issued	Covidien LP	Covidien LP	ECG ELECTRODE CONNECTOR	Patient Monitoring & Recovery - PMR - Mansfield | Monitoring & Operating Room | Other MORP	Selvitelli, David (selvid1); Yu, Peter (MITG-PY1); Meyer, Peter F. (MITG-PM10}

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Matter #	Country	App #	Patent #	Pub #	Priority Date	App Date	Issue Date	Expiration Date	Matter Sub-Type	Status	Sub Status	Current Owner	Assignee	Title	Business Classification	Inventors
H-KN-00446AU	AU	2009285774	2009285774		08/28/2008	08/27/2009	09/25/2014	08/27/2029	National Stage	Active	Issued	Covidien LP	Covidien LP	Anti-Microbial Fibers and Related Articles and Methods	Patient Monitoring & Recovery - PMR - Mansfield | Wound Care | Other Wound Care	Shah, Chirag (SHAH C); Fink, E. David (MITG-EF2); Orr, Scott (MITG-SO3); Vitaris, Ronald (MITG-RFV); Mulligan, Sharon (MITG-SAM); Dowd, Brian (MITG-BD4)
H-KN-00446CN	CN	200980140146.3	ZL200980140146.3	CN102177016A	08/28/2008	08/27/2009	11/25/2015	08/27/2029	National Stage	Active	Issued	Covidien LP	Covidien LP	Anti-Microbial Fibers and Related Articles and Methods	Patient Monitoring & Recovery - PMR - Mansfield | Wound Care | Other Wound Care	Shah, Chirag (SHAH C); Fink, E. David (MITG-EF2); Orr, Scott (MITG-SO3); Vitaris, Ronald (MITG-RFV); Mulligan, Sharon (MITG-SAM); Dowd, Brian (MITG-BD4)
H-KN-00427AU1	AU	2009286021	2009286021		08/28/2008	08/28/2009	10/30/2014	08/28/2029	National Stage	Active	Issued	Covidien LP	Covidien LP	Environmentally Activated Compositions, Articles and Methods	Patient Monitoring & Recovery - PMR - Mansfield | Wound Care | Other Wound Care	Shah, Chirag (SHAH C); Patel, Harish (patelh15); Fink, E. David (MITG-EF2); Orr, Scott (MITG-SO3); Vitaris, Ronald (MITG-RFV); Mulligan, Sharon (MITG-SAM);
H-KN-00427US1	US	12/550045		20100055158	08/28/2008	08/28/2009			Utility	Active	Published	Covidien LP	Covidien LP	Environmentally Activated Compositions, Articles and Methods	Patient Monitoring & Recovery - PMR - Mansfield | Wound Care | Other Wound Care	Shah, Chirag (SHAH C); Patel, Harish (patelh15); Fink, E. David (MITG-EF2); Orr, Scott (MITG-SO3); Vitaris, Ronald (MITG-RFV); Mulligan, Sharon (MITG-SAM);
H-KN-00419AU	AU	2007238818	2007238818		04/11/2006	04/11/2007	10/18/2012	04/11/2027	National Stage	Active	Issued	Covidien LP	Covidien LP	WOUND DRESSINGS WITH ANTI-MICROBIAL AND CHELATING AGENTS	Patient Monitoring & Recovery - PMR - Mansfield | Wound Care | Other Wound Care	Shah, Chirag (SHAH C); Patel, Harish (patelh15); Ward, Kate (MITG-KW5); Fink, E. David (MITG-EF2); Heagle, David (MITG-DGH); Orr, Scott (MITG-SO3); Vitaris,
H-KN-00419CA	CA	2646195	2646195	2646195	04/11/2006	04/11/2007	07/08/2014	04/11/2027	National Stage	Active	Issued	Covidien LP	Covidien LP	WOUND DRESSINGS WITH ANTI-MICROBIAL AND CHELATING AGENTS	Patient Monitoring & Recovery - PMR - Mansfield | Wound Care | Other Wound Care	Shah, Chirag (SHAH C); Patel, Harish (patelh15); Ward, Kate (MITG-KW5); Fink, E. David (MITG-EF2); Heagle, David (MITG-DGH); Orr, Scott (MITG-SO3); Vitaris,
H-KN-00419DE	DE	07755127.3	602007034801.3	2010234	04/11/2006	04/11/2007	01/15/2014	04/11/2027	National Stage	Active	Issued	Covidien LP	Covidien LP	WOUND DRESSINGS WITH ANTI-MICROBIAL AND CHELATING AGENTS	Patient Monitoring & Recovery - PMR - Mansfield | Wound Care | Other Wound Care	Shah, Chirag (SHAH C); Patel, Harish (patelh15); Ward, Kate (MITG-KW5); Fink, E. David (MITG-EF2); Heagle, David (MITG-DGH); Orr, Scott (MITG-SO3); Vitaris,
H-KN-00419FR	FR	07755127.3	2010234	2010234	04/11/2006	04/11/2007	01/15/2014	04/11/2027	National Stage	Active	Issued	Covidien LP	Covidien LP	WOUND DRESSINGS WITH ANTI-MICROBIAL AND CHELATING AGENTS	Patient Monitoring & Recovery - PMR - Mansfield | Wound Care | Other Wound Care	Shah, Chirag (SHAH C); Patel, Harish (patelh15); Ward, Kate (MITG-KW5); Fink, E. David (MITG-EF2); Heagle, David (MITG-DGH); Orr, Scott (MITG-SO3); Vitaris,
H-KN-00419GB	GB	07755127.3	2010234	2010234	04/11/2006	04/11/2007	01/15/2014	04/11/2027	National Stage	Active	Issued	Covidien LP	Covidien LP	WOUND DRESSINGS WITH ANTI-MICROBIAL AND CHELATING AGENTS	Patient Monitoring & Recovery - PMR - Mansfield | Wound Care | Other Wound Care	Shah, Chirag (SHAH C); Patel, Harish (patelh15); Ward, Kate (MITG-KW5); Fink, E. David (MITG-EF2); Heagle, David (MITG-DGH); Orr, Scott (MITG-SO3); Vitaris,
H-KN-00419IL	IL	194270	194270	02/2011	04/11/2006	04/11/2007	05/29/2011	04/11/2027	National Stage	Active	Issued	Covidien LP	Covidien LP	WOUND DRESSINGS WITH ANTI-MICROBIAL AND CHELATING AGENTS	Patient Monitoring & Recovery - PMR - Mansfield | Wound Care | Other Wound Care	Shah, Chirag (SHAH C); Patel, Harish (patelh15); Ward, Kate (MITG-KW5); Fink, E. David (MITG-EF2); Heagle, David (MITG-DGH); Orr, Scott (MITG-SO3); Vitaris,
H-KN-00419JP	JP	2009-505418	5153005	2009-533141	04/11/2006	04/11/2007	12/14/2012	04/11/2027	National Stage	Active	Issued	Covidien LP	Covidien LP	WOUND DRESSINGS WITH ANTI-MICROBIAL AND CHELATING AGENTS	Patient Monitoring & Recovery - PMR - Mansfield | Wound Care | Other Wound Care	Shah, Chirag (SHAH C); Patel, Harish (patelh15); Ward, Kate (MITG-KW5); Fink, E. David (MITG-EF2); Heagle, David (MITG-DGH); Orr, Scott (MITG-SO3); Vitaris,
H-KN-00419MX	MX	MX/a/2008/012573	289217		04/11/2006	04/11/2007	08/11/2011	04/11/2027	National Stage	Active	Issued	Covidien LP	Covidien LP	WOUND DRESSINGS WITH ANTI-MICROBIAL AND CHELATING AGENTS	Patient Monitoring & Recovery - PMR - Mansfield | Wound Care | Other Wound Care	Shah, Chirag (SHAH C); Patel, Harish (patelh15); Ward, Kate (MITG-KW5); Fink, E. David (MITG-EF2); Heagle, David (MITG-DGH); Orr, Scott (MITG-SO3); Vitaris,
H-KN-00419US1	US	11/783667	7750201	20070255192	04/11/2006	04/11/2007	07/06/2010	05/18/2027	Utility	Active	Issued	Covidien LP	Covidien LP	Use of Chelating Agent and PHMB in Wound Dressing	Patient Monitoring & Recovery - PMR - Mansfield | Wound Care | Other Wound Care	Shah, Chirag (SHAH C); Patel, Harish (patelh15); Ward, Kate (MITG-KW5); Fink, E. David (MITG-EF2); Heagle, David (MITG-DGH); Orr, Scott (MITG-SO3); Vitaris,
H-KN-00421AU1	AU	2007238826	2007238826		04/11/2006	04/11/2007	01/03/2013	04/11/2027	National Stage	Active	Issued	Covidien LP	Covidien LP	WOUND DRESSING WITH ANTI-MICROBIAL AND ZINC-CONTAINING AGENTS	Patient Monitoring & Recovery - PMR - Mansfield | Wound Care | Other Wound Care	Shah, Chirag (SHAH C); Patel, Harish (patelh15); Ward, Kate (MITG-KW5); Fink, E. David (MITG-EF2); Heagle, David (MITG-DGH); Orr, Scott (MITG-SO3); Vitaris,
H-KN-00421CA1	CA	2646289	2646289	2646289	04/11/2006	04/11/2007	08/19/2014	04/11/2027	National Stage	Active	Issued	Covidien LP	Covidien LP	WOUND DRESSING WITH ANTI-MICROBIAL AND ZINC-CONTAINING AGENTS	Patient Monitoring & Recovery - PMR - Mansfield | Wound Care | Other Wound Care	Shah, Chirag (SHAH C); Patel, Harish (patelh15); Ward, Kate (MITG-KW5); Fink, E. David (MITG-EF2); Heagle, David (MITG-DGH); Orr, Scott (MITG-SO3); Vitaris,
H-KN-00421DE1	DE	07755143.0	602007025438.8	2005246	04/11/2006	04/11/2007	09/12/2012	04/11/2027	National Stage	Active	Issued	Covidien LP	Covidien LP	WOUND DRESSING WITH ANTI-MICROBIAL AND ZINC-CONTAINING AGENTS	Patient Monitoring & Recovery - PMR - Mansfield | Wound Care | Other Wound Care	Shah, Chirag (SHAH C); Patel, Harish (patelh15); Ward, Kate (MITG-KW5); Fink, E. David (MITG-EF2); Heagle, David (MITG-DGH); Orr, Scott (MITG-SO3); Vitaris,
H-KN-00421ES1	ES	07755143.0	ES2394111T3	2005246	04/11/2006	04/11/2007	09/12/2012	04/11/2027	National Stage	Active	Issued	Covidien LP	Covidien LP	WOUND DRESSING WITH ANTI-MICROBIAL AND ZINC-CONTAINING AGENTS	Patient Monitoring & Recovery - PMR - Mansfield | Wound Care | Other Wound Care	Shah, Chirag (SHAH C); Patel, Harish (patelh15); Ward, Kate (MITG-KW5); Fink, E. David (MITG-EF2); Heagle, David (MITG-DGH); Orr, Scott (MITG-SO3); Vitaris,
H-KN-00421FR1	FR	07755143.0	2004246	2004246	04/11/2006	04/11/2007	09/12/2012	04/11/2027	National Stage	Active	Issued	Covidien LP	Covidien LP	WOUND DRESSING WITH ANTI-MICROBIAL AND ZINC-CONTAINING AGENTS	Patient Monitoring & Recovery - PMR - Mansfield | Wound Care | Other Wound Care	Shah, Chirag (SHAH C); Patel, Harish (patelh15); Ward, Kate (MITG-KW5); Fink, E. David (MITG-EF2); Heagle, David (MITG-DGH); Orr, Scott (MITG-SO3); Vitaris,
H-KN-00421GB1	GB	07755143.0	2004246	2005246	04/11/2006	04/11/2007	09/12/2012	04/11/2027	National Stage	Active	Issued	Covidien LP	Covidien LP	WOUND DRESSING WITH ANTI-MICROBIAL AND ZINC-CONTAINING AGENTS	Patient Monitoring & Recovery - PMR - Mansfield | Wound Care | Other Wound Care	Shah, Chirag (SHAH C); Patel, Harish (patelh15); Ward, Kate (MITG-KW5); Fink, E. David (MITG-EF2); Heagle, David (MITG-DGH); Orr, Scott (MITG-SO3); Vitaris,
H-KN-00421IT1	IT	07755143.0	3647 BE/2012	2005246	04/11/2006	04/11/2007	09/12/2012	04/11/2027	National Stage	Active	Issued	Covidien LP	Covidien LP	WOUND DRESSING WITH ANTI-MICROBIAL AND ZINC-CONTAINING AGENTS	Patient Monitoring & Recovery - PMR - Mansfield | Wound Care | Other Wound Care	Shah, Chirag (SHAH C); Patel, Harish (patelh15); Ward, Kate (MITG-KW5); Fink, E. David (MITG-EF2); Heagle, David (MITG-DGH); Orr, Scott (MITG-SO3); Vitaris,
H-KN-00421JP1	JP	2009-505419	5345930	2009-533142	04/11/2006	04/11/2007	08/23/2013	04/11/2027	National Stage	Active	Issued	Covidien LP	Covidien LP	WOUND DRESSING WITH ANTI-MICROBIAL AND ZINC-CONTAINING AGENTS	Patient Monitoring & Recovery - PMR - Mansfield | Wound Care | Other Wound Care	Shah, Chirag (SHAH C); Patel, Harish (patelh15); Ward, Kate (MITG-KW5); Fink, E. David (MITG-EF2); Heagle, David (MITG-DGH); Orr, Scott (MITG-SO3); Vitaris,
H-KN-00421MX1	MX	MX/a/2008/012555	285954		04/11/2006	04/11/2007	04/20/2011	04/11/2027	National Stage	Active	Issued	Covidien LP	Covidien LP	WOUND DRESSING WITH ANTI-MICROBIAL AND ZINC-CONTAINING AGENTS	Patient Monitoring & Recovery - PMR - Mansfield | Wound Care | Other Wound Care	Shah, Chirag (SHAH C); Patel, Harish (patelh15); Ward, Kate (MITG-KW5); Fink, E. David (MITG-EF2); Heagle, David (MITG-DGH); Orr, Scott (MITG-SO3); Vitaris,
H-KN-00421US1	US	11/783668	7799965	20070255193	04/11/2006	04/11/2007	09/21/2010	05/18/2027	Utility	Active	Issued	Covidien LP	Covidien LP	Wound Dressings with Anti-Microbial and Zinc-Containing Agents	Patient Monitoring & Recovery - PMR - Mansfield | Wound Care | Other Wound Care	Shah, Chirag (SHAH C); Patel, Harish (patelh15); Ward, Kate (MITG-KW5); Fink, E. David (MITG-EF2); Heagle, David (MITG-DGH); Orr, Scott (MITG-SO3); Vitaris,
H-KN-00459EP	EP	09810559.6		2323480	08/28/2008	08/27/2009			National Stage	Active	Allowed	Covidien LP	Covidien LP	Antimicrobial Foam Compositions, Articles and Methods	Patient Monitoring & Recovery - PMR - Mansfield | Wound Care | Other Wound Care	Shah, Chirag (SHAH C); Patel, Harish (patelh15); Ward, Kate (MITG-KW5); Fink, E. David (MITG-EF2); Orr, Scott (MITG-SO3); Vitaris, Ronald (MITG-RFV);
355692.USP1	US								Provisional	Active	Draft	Covidien LP	Covidien LP	CONNECTOR ASSEMBLY FOR COMPRESSION GARMENT	Patient Monitoring & Recovery - PMR - Mansfield | Vascular Compression	Shaltis, Phillip (shaltp1)

PATENT
REEL: 044126 FRAME: 0887

Matter #	Country	App #	Patent #	Pub #	Priority Date	App Date	Issue Date	Expiration Date	Matter Sub-Type	Status	Sub Status	Current Owner	Assignee	Title	Business Classification	Inventors
356831.USP1	US	62/300,567			02/26/2016	02/26/2016		02/26/2017	Provisional	Active	Filed	Covidien LP	Covidien LP	Pathogen Detection	Patient Monitoring & Recovery - PMR - Mansfield | HAI	Shaltis, Phillip (shaltp1)
H-KN-02439US	US	14/182549		2015-0231022-A1	02/18/2014	02/18/2014			Utility	Active	Published	Covidien LP	Covidien LP	Compression Garment Inflation	Patient Monitoring & Recovery - PMR - Mansfield | Vascular Compression	Shaltis, Phillip (shaltp1)
H-KN-03138US	US	29/487606	D774,652		04/10/2014	04/10/2014	12/20/2016	12/20/2030	Design	Active	Issued	Covidien LP	Covidien LP	COMPRESSION GARMENT WITH OPENINGS	Patient Monitoring & Recovery - PMR - Mansfield | Vascular Compression	Shaltis, Phillip (shaltp1); Rego, Jr., Richard (MITG-RR2)
H-KN-02274AU	AU	2012201967	2012201967		04/05/2011	04/04/2012	07/17/2014	04/04/2032	Utility	Active	Issued	Covidien LP	Covidien LP	Medicine Delivery System	Patient Monitoring & Recovery - PMR - Mansfield | Dental	Sharp, Brian (sharpb4); Delnickas, Jeffrey (delnij1); Elavia, Teshtar (elavit1); Brundidge, Edward (MI
H-KN-02274CA	CA	2773454	2773454	2773454	04/05/2011	04/03/2012	11/24/2015	04/03/2032	Utility	Active	Issued	Covidien LP	Covidien LP	Medicine Delivery System	Patient Monitoring & Recovery - PMR - Mansfield | Dental	Sharp, Brian (sharpb4); Delnickas, Jeffrey (delnij1); Elavia, Teshtar (elavit1); Brundidge, Edward (MI
H-KN-02274EP	EP	12162932.3		2508216	04/05/2011	04/03/2012			Utility	Active	Published	Covidien LP	Covidien LP	Medicine Delivery System	Patient Monitoring & Recovery - PMR - Mansfield | Dental	Sharp, Brian (sharpb4); Delnickas, Jeffrey (delnij1); Elavia, Teshtar (elavit1); Brundidge, Edward (MI
H-KN-02274JP	JP	2012-085743	5702327	2012-217851	04/05/2011	04/04/2012	02/27/2015	04/04/2032	Utility	Active	Issued	Covidien LP	Covidien LP	Medicine Delivery System	Patient Monitoring & Recovery - PMR - Mansfield | Dental	Sharp, Brian (sharpb4); Delnickas, Jeffrey (delnij1); Elavia, Teshtar (elavit1); Brundidge, Edward (MITG-
H-KN-01901AU	AU	2012201968	2012201968		04/05/2011	04/04/2012	10/03/2013	04/04/2032	Utility	Active	Issued	Covidien LP	Covidien LP	ANESTHETIC SYRINGE	Patient Monitoring & Recovery - PMR - Mansfield | Dental	Sharp, Brian (sharpb4); Selvitelli, David (selvid1); Delnickas, Jeffrey (delnij1); Elavia, Teshtar (elavit1);
H-KN-01901CA	CA	2773271	2773271	2773271	04/05/2011	04/03/2012	10/11/2016	04/03/2032	Utility	Active	Issued	Covidien LP	Covidien LP	ANESTHETIC SYRINGE	Patient Monitoring & Recovery - PMR - Mansfield | Dental	Sharp, Brian (sharpb4); Selvitelli, David (selvid1); Delnickas, Jeffrey (delnij1); Elavia, Teshtar (elavit1);
H-KN-01901EP	EP	12162966.1		2508217	04/05/2011	04/03/2012			Utility	Active	Published	Covidien LP	Covidien LP	ANESTHETIC SYRINGE	Patient Monitoring & Recovery - PMR - Mansfield | Dental	Sharp, Brian (sharpb4); Selvitelli, David (selvid1); Delnickas, Jeffrey (delnij1); Elavia, Teshtar (elavit1);
H-KN-01901JP	JP	2012-085741	5559831	2012-217850	04/05/2011	04/04/2012	06/13/2014	04/04/2032	Utility	Active	Issued	Covidien LP	Covidien LP	ANESTHETIC SYRINGE	Patient Monitoring & Recovery - PMR - Mansfield | Dental	Sharp, Brian (sharpb4); Selvitelli, David (selvid1); Delnickas, Jeffrey (delnij1); Elavia, Teshtar (elavit1);
H-KN-01901JP01	JP	2014-117405	5990221	2014-193397	04/05/2011	06/06/2014	08/19/2016	04/05/2032	Divisional	Active	Issued	Covidien LP	Covidien LP	Anesthetic Syringe	Patient Monitoring & Recovery - PMR - Mansfield | Dental	Sharp, Brian (sharpb4); Selvitelli, David (selvid1); Delnickas, Jeffrey (delnij1); Winsor, Lisa (winsol1);
H-KN-02422EPA	EP	12784148.4		2766074	07/25/2011	10/15/2012			National Stage	Active	Published	Covidien LP	Covidien LP	SAFETY IV CATHETER ASSEMBLY	Patient Monitoring & Recovery - PMR - Mansfield | Intravenous Access/Prefill | Other Intravenous Access/Prefill	Sharp, Brian (sharpb4); Steube, Gregory (steubg1); Walker, Sandra (walkes13); Martz, Kevin (MITG-KRM)
H-KN-02422US2	US	13/651979	8834422	20130096504	10/14/2011	10/15/2012	09/16/2014	10/15/2032	Utility	Active	Issued	Covidien LP	Covidien LP	Vascular Access Assembly and Safety Device	Patient Monitoring & Recovery - PMR - Mansfield | Intravenous Access/Prefill | Other Intravenous Access/Prefill	Sharp, Brian (sharpb4); Steube, Gregory (steubg1); Walker, Sandra (walkes13); Martz, Kevin (MITG-KRM)
H-KN-02618CN01	CN	201480021628.8		CN105120742A	03/15/2013	02/28/2014			National Stage	Active	Published	Covidien LP	Covidien LP	ELECTRODE CONNECTOR WITH A CONDUCTIVE MEMBER	Patient Monitoring & Recovery - PMR - Mansfield | Monitoring & Operating Room | Other MORP	Simpson, Bob (MITG-BS12)
H-KN-02618EP01	EP	14712425.9		2967396	03/15/2013	02/28/2014			National Stage	Active	Published	Covidien LP	Covidien LP	Electrode Connector with a Conductive Member	Patient Monitoring & Recovery - PMR - Mansfield | Monitoring & Operating Room | Other MORP	Simpson, Bob (MITG-BS12)
H-KN-02618US1	US	14/209278		20140275927	03/15/2013	03/14/2014			Utility	Active	Allowed	Covidien LP	Covidien LP	Electrode Connector Design to Aid in Correct Placement	Patient Monitoring & Recovery - PMR - Mansfield | Monitoring & Operating Room | Other MORP	Simpson, Bob (MITG-BS12)
S-8450AU2	AU	2003302605	2003302605		06/27/2001	12/01/2003	03/11/2010	12/01/2023	National Stage	Active	Issued	Covidien LP	Covidien LP	SAFETY SHIELD FOR MEDICAL NEEDLES	Patient Monitoring & Recovery - PMR - Mansfield | Needles & Syringes | Other Needles & Syringes	Smith, Daniel (smithd59); Ferguson, Mark (fergum8)
S-8450US2	US	10/307812	7144389	0088215	06/27/2001	12/02/2002	12/05/2006	02/26/2022	Continuation-in-Part	Active	Issued	Covidien LP	Covidien LP	SAFETY SHIELD FOR MEDICAL NEEDLES	Patient Monitoring & Recovery - PMR - Mansfield | Needles & Syringes | Other Needles & Syringes	Smith, Daniel (smithd59); Ferguson, Mark (fergum8)
H-KN-00207AU	AU	2007200818	2007200818		02/24/2006	02/23/2007	02/09/2012	02/23/2027	Utility	Active	Issued	Covidien LP	Covidien LP	Urine Collection Bag with Angled Valve Support	Patient Monitoring & Recovery - PMR - Mansfield | Urology | Other Urology	Stapleton, Ryan (MITG-RS12); Salvadori, Lawrence (MITG-LAS3)
H-KN-00207CA	CA	2579897	2579897	2579897	02/24/2006	02/23/2007	01/20/2015	02/23/2027	Utility	Active	Issued	Covidien LP	Covidien LP	URINE COLLECTION BAG WITH ANGLED VALVED SUPPORT	Patient Monitoring & Recovery - PMR - Mansfield | Urology | Other Urology	Stapleton, Ryan (MITG-RS12); Salvadori, Lawrence (MITG-LAS3)
H-KN-00207CN	CN	200710103549.3	ZL200710103549.3	CN101040820A	02/24/2006	02/25/2007	03/21/2012	02/25/2027	Utility	Active	Issued	Covidien LP	Covidien LP	Urine Collection Bag with Angled Valve Support	Patient Monitoring & Recovery - PMR - Mansfield | Urology | Other Urology	Stapleton, Ryan (MITG-RS12); Salvadori, Lawrence (MITG-LAS3)
H-KN-00207DE	DE	07250782.5	602007006568.2-08	1825837	02/24/2006	02/23/2007	05/19/2010	02/23/2027	National Stage	Active	Issued	Covidien LP	Covidien LP	Urine Collection Bag with Angled Valve Support	Patient Monitoring & Recovery - PMR - Mansfield | Urology | Other Urology	Stapleton, Ryan (MITG-RS12); Salvadori, Lawrence (MITG-LAS3)
H-KN-00207ES	ES	07250782.5	1825837	1825837	02/24/2006	02/23/2007	05/19/2010	02/23/2027	National Stage	Active	Issued	Covidien LP	Covidien LP	Urine Collection Bag with Angled Valve Support	Patient Monitoring & Recovery - PMR - Mansfield | Urology | Other Urology	Stapleton, Ryan (MITG-RS12); Salvadori, Lawrence (MITG-LAS3)
H-KN-00207FR	FR	07250782.5	1825837	1825837	02/24/2006	02/23/2007	05/19/2010	02/23/2027	National Stage	Active	Issued	Covidien LP	Covidien LP	Urine Collection Bag with Angled Valve Support	Patient Monitoring & Recovery - PMR - Mansfield | Urology | Other Urology	Stapleton, Ryan (MITG-RS12); Salvadori, Lawrence (MITG-LAS3)
H-KN-00207IT	IT	07250782.5	27023BE/2010	1825837	02/24/2006	02/23/2007	08/18/2010	02/23/2027	National Stage	Active	Issued	Covidien LP	Covidien LP	Urine Collection Bag with Angled Valve Support	Patient Monitoring & Recovery - PMR - Mansfield | Urology | Other Urology	Stapleton, Ryan (MITG-RS12); Salvadori, Lawrence (MITG-LAS3)
H-KN-00207JP	JP	2007-44728	5081470	2007-222639	02/24/2006	02/23/2007	09/07/2012	02/23/2027	Utility	Active	Issued	Covidien LP	Covidien LP	Urine Collection Bag with Angled Valve Support	Patient Monitoring & Recovery - PMR - Mansfield | Urology | Other Urology	Stapleton, Ryan (MITG-RS12); Salvadori, Lawrence (MITG-LAS3)
H-KN-00207MX	MX	MX/a/2007/002228	267355		02/24/2006	02/23/2007	06/11/2009	02/23/2027	Utility	Active	Issued	Covidien LP	Covidien LP	Urine Collection Bag with Angled Valve Support	Patient Monitoring & Recovery - PMR - Mansfield | Urology | Other Urology	Stapleton, Ryan (MITG-RS12); Salvadori, Lawrence (MITG-LAS3)
H-KN-00207US	US	11/362658	7462171	20070203465A1	02/24/2006	02/24/2006	12/09/2008	02/24/2026	Utility	Active	Issued	Covidien LP	Covidien LP	URINE COLLECTION BAG WITH ANGLED VALVE SUPPORT	Patient Monitoring & Recovery - PMR - Mansfield | Urology | Other Urology	Stapleton, Ryan (MITG-RS12); Salvadori, Lawrence (MITG-LAS3)
H-KN-00281JP	JP	2007-44708	5234888	2007-222638	02/24/2006	02/23/2007	04/05/2013	02/23/2027	Utility	Active	Issued	Covidien LP	Covidien LP	Urine Collection Bag with Integral Anti-Reflux Valve	Patient Monitoring & Recovery - PMR - Mansfield | Urology | Other Urology	Stapleton, Ryan (MITG-RS12); Salvadori, Lawrence (MITG-LAS3); Green, Kurt (MITG-KEG)
H-KN-00281MX	MX	MX/a/2007/002231	283434		02/24/2006	02/23/2007	01/28/2011	02/23/2027	Utility	Active	Issued	Covidien LP	Covidien LP	Urine Collection Bag with Integral Anti-Reflux Valve	Patient Monitoring & Recovery - PMR - Mansfield | Urology | Other Urology	Stapleton, Ryan (MITG-RS12); Salvadori, Lawrence (MITG-LAS3); Green, Kurt (MITG-KEG)
H-KN-00958US1	US	12/211885	9066690	20090088698	09/27/2007	09/17/2008	06/30/2015	05/24/2031	Utility	Active	Issued	Covidien LP	Covidien LP	Blood Collection Needle Assembly	Patient Monitoring & Recovery - PMR - Mansfield | Blood Collection | Other Blood Collection	Steube, Gregory (steubg1)

Matter #	Country	App #	Patent #	Pub #	Priority Date	App Date	Issue Date	Expiration Date	Matter Sub-Type	Status	Sub Status	Current Owner	Assignee	Title	Business Classification	Inventors
H-KN-02309EP	EP	12165851.2		2517751	04/27/2011	04/27/2012		04/27/2032	Utility	Active	Published	Covidien LP	Covidien LP	Method of securing I.V. Catheter Safety Shield	Patient Monitoring & Recovery - PMR - Mansfield | Intravenous Access/Prefill | Other Intravenous Access/Prefill	Steube, Gregory (steubg1)
H-KN-02309US2	US	13/939553	8926563	20140018738	04/27/2011	07/11/2013	01/06/2015	04/27/2032	Continuation	Active	Issued	Covidien LP	Covidien LP	Safety IV Catheter Assemblies	Patient Monitoring & Recovery - PMR - Mansfield | Intravenous Access/Prefill | Other Intravenous Access/Prefill	Steube, Gregory (steubg1)
H-KN-01109US	US	12/164657	8382722	2009-0326485-A1	06/30/2008	06/30/2008	02/26/2013	06/21/2029	Utility	Active	Issued	Covidien LP	Covidien LP	Blunt Tip Vial Access Cannula and Method for Manufacture	Patient Monitoring & Recovery - PMR - Mansfield | Needles & Syringes | Other Needles & Syringes	Steube, Gregory (steubg1); Carlyon, James L. (MITG-JC23)
H-KN-01109US1	US	13/764,158		US 2014-0053953 A1	06/30/2008	02/11/2013			Divisional	Active	Published	Covidien LP	Covidien LP	Blunt Tip Vial Access Cannula and Method for Manufacture	Patient Monitoring & Recovery - PMR - Mansfield | Needles & Syringes | Other Needles & Syringes	Steube, Gregory (steubg1); Carlyon, James L. (MITG-JC23)
H-KN-00879AU1	AU	2008245704	2008245704		04/26/2007	04/26/2008	08/01/2013	04/26/2028	National Stage	Active	Issued	Covidien LP	Covidien AG	Multifunctional Medical Access Device	Patient Monitoring & Recovery - PMR - Mansfield | Blood Collection | Other Blood Collection	Steube, Gregory (steubg1); Chelak, Todd (COV-PV-TMC)
H-KN-00879CA1	CA	2684744		2684744	04/26/2007	10/20/2009		10/20/2029	National Stage	Active	Allowed	Covidien LP	Covidien AG	Multifunctional Medical Access Device	Patient Monitoring & Recovery - PMR - Mansfield | Blood Collection | Other Blood Collection	Steube, Gregory (steubg1); Chelak, Todd (COV-PV-TMC)
H-KN-00879EP1	EP	08746843.5		2139544	04/26/2007	04/25/2008			National Stage	Active	Published	Covidien LP	Covidien AG	Multifunctional Medical Access Device	Patient Monitoring & Recovery - PMR - Mansfield | Blood Collection | Other Blood Collection	Steube, Gregory (steubg1); Chelak, Todd (COV-PV-TMC)
H-KN-00879US2	US	12/848575		20100298739	04/26/2007	08/02/2010			Divisional	Active	Published	Covidien LP	Covidien AG	Multifunctional Medical Access Device	Patient Monitoring & Recovery - PMR - Mansfield | Blood Collection | Other Blood Collection	Steube, Gregory (steubg1); Chelak, Todd (COV-PV-TMC)
H-KN-02640.DEN2	DE	13724435.6	2841143	EP2841143	04/27/2012	04/25/2013	06/01/2016	04/25/2033	National Stage	Active	Issued	Covidien LP	Covidien LP	Fluid Delivery Device	Patient Monitoring & Recovery - PMR - Mansfield | Intravenous Access/Prefill | Other Intravenous Access/Prefill	Steube, Gregory (steubg1); Tremblay, Kathleen (trembk1); Jones, Scott (joness46); Earhart, Stephen (earhas1); Baker, Mark (MITG-MB8); Martz, Kevin
H-KN-02640.FRN3	FR	13724435.6	2841143	EP2841143	04/27/2012	04/25/2013	09/01/2016	04/25/2033	National Stage	Active	Issued	Covidien LP	Covidien LP	Fluid Delivery Device	Patient Monitoring & Recovery - PMR - Mansfield | Intravenous Access/Prefill | Other Intravenous Access/Prefill	Steube, Gregory (steubg1); Tremblay, Kathleen (trembk1); Jones, Scott (joness46); Earhart, Stephen (earhas1); Baker, Mark (MITG-MB8); Martz, Kevin
H-KN-02640.GBN4	GB	13724435.6	2841143	EP2841143	04/27/2012	04/25/2013	06/01/2016	04/25/2033	National Stage	Active	Issued	Covidien LP	Covidien LP	Fluid Delivery Device	Patient Monitoring & Recovery - PMR - Mansfield | Intravenous Access/Prefill | Other Intravenous Access/Prefill	Steube, Gregory (steubg1); Tremblay, Kathleen (trembk1); Jones, Scott (joness46); Earhart, Stephen (earhas1); Baker, Mark (MITG-MB8); Martz, Kevin
H-KN-02422EP02	EP	14183569.4		2810681	07/25/2012	07/25/2012			Divisional	Active	Published	Covidien LP	Covidien LP	Vascular Access Assembly and Safety Device	Patient Monitoring & Recovery - PMR - Mansfield | Intravenous Access/Prefill | Other Intravenous Access/Prefill	Steube, Gregory (steubg1); Walker, Sandra (walkes13); Martz, Kevin (MITG-KRM)
H-KN-02422US04	US	14/486369		US 2015-0005718 A1	10/14/2011	09/15/2014			Continuation	Active	Published	Covidien LP	Covidien LP	Vascular Access Assembly and Safety Device	Patient Monitoring & Recovery - PMR - Mansfield | Intravenous Access/Prefill | Other Intravenous Access/Prefill	Steube, Gregory (steubg1); Walker, Sandra (walkes13); Martz, Kevin (MITG-KRM)
H-KN-02422US1	US	13/556451	8591467	20130030370-A1	07/25/2011	07/24/2012	11/26/2013	07/24/2032	Utility	Active	Issued	Covidien LP	Covidien LP	Vascular Access Assembly and Safety Device	Patient Monitoring & Recovery - PMR - Mansfield | Intravenous Access/Prefill | Other Intravenous Access/Prefill	Steube, Gregory (steubg1); Walker, Sandra (walkes13); Martz, Kevin (MITG-KRM)
H-KN-00486EP	EP	12750962.8		EP2760526	09/30/2011	08/15/2012			National Stage	Active	Published	Covidien LP	Covidien LP	Pre-Pierced IV Access Port	Patient Monitoring & Recovery - PMR - Mansfield | Intravenous Access/Prefill | Other Intravenous Access/Prefill	Steube, Gregory (steubg1); Weilbacher, Eugene (MITG-EW)
H-KN-00486US	US	13/249367	8945087	20130085473	09/30/2011	09/30/2011	02/03/2015	09/30/2031	Utility	Active	Issued	Covidien LP	Covidien LP	Pre-Pierced IV Access Port	Patient Monitoring & Recovery - PMR - Mansfield | Intravenous Access/Prefill | Other Intravenous Access/Prefill	Steube, Gregory (steubg1); Weilbacher, Eugene (MITG-EW)
H-KN-00486US01	US	14/611622	9,352,138	20150148781	09/30/2011	02/02/2015	05/31/2016	09/30/2031	Continuation	Active	Issued	Covidien LP	Covidien LP	Pre-Pierced IV Access Port	Patient Monitoring & Recovery - PMR - Mansfield | Intravenous Access/Prefill | Other Intravenous Access/Prefill	Steube, Gregory (steubg1); Weilbacher, Eugene (MITG-EW)
7064US	US	11/385177	8118773	20070225638	03/21/2006	03/21/2006	02/21/2012	08/14/2029	Utility	Active	Issued	Covidien LP	Covidien LP	Oral Administration Device	Patient Monitoring & Recovery - PMR - Mansfield | Monitoring & Operating Room | Other MORP	Stewart, Bradley (MITG-BMS)
7064US1	US	13/368724	8568450	20120143126	03/21/2006	02/08/2012	10/29/2013	03/21/2026	Divisional	Active	Issued	Covidien LP	Covidien LP	Oral Administration Device	Patient Monitoring & Recovery - PMR - Mansfield | Monitoring & Operating Room | Other MORP	Stewart, Bradley (MITG-BMS)
H-KN-02950.CAN2	CA	2923416			09/09/2013	09/09/2014			National Stage	Active	Filed	Covidien LP	Covidien LP	SEALED SELF-ACTIVATING INJECTION DEVICE FOR DELIVERY OF MEDICINE FROM A PREFILLED CARTRIDGE	Patient Monitoring & Recovery - PMR - Mansfield | Dental	Strader, David (straddl1)
H-KN-02950.EPN5	EP	14766872.7		EP3043830	09/09/2013	09/09/2014			National Stage	Active	Published	Covidien LP	Covidien LP	Sealed Self-Activating Injection Device for Delivery of Medicine from a Prefilled Cartridge or Vial	Patient Monitoring & Recovery - PMR - Mansfield | Dental	Strader, David (straddl1)
H-KN-02950.MXN4	MX	MX/a/2016/002933			09/09/2013	09/09/2014			National Stage	Active	Filed	Covidien LP	Covidien LP	Sealed Self-Activating Injection Device for Delivery of Medicine from a Prefilled Cartridge or Vial	Patient Monitoring & Recovery - PMR - Mansfield | Dental	Strader, David (straddl1)
H-KN-02950US01	US	14/481377		20150073353	09/09/2013	09/09/2014			Continuation	Active	Published	Covidien LP	Covidien LP	Sealed Self-Activating Injection Device for Delivery of Medicine from a Prefilled Cartridge or Vial	Patient Monitoring & Recovery - PMR - Mansfield | Dental	Strader, David (straddl1)
H-KN-02969.CAD7	CA	167462			03/11/2016	03/11/2016			Design	Active	Filed	Covidien LP	Covidien LP	Single-Use Device for Injection of Cartridge Drugs	Patient Monitoring & Recovery - PMR - Mansfield | Dental	Strader, David (straddl1); Tremblay, Kathleen (trembk1); Swisher, David (swishd1); Finke, Melvin (finkem2)
H-KN-02969.CAN3	CA	2923171			09/09/2013	09/09/2014			National Stage	Active	Filed	Covidien LP	Covidien LP	SINGLE-USE DEVICE FOR INJECTION OF CARTRIDGE DRUGS	Patient Monitoring & Recovery - PMR - Mansfield | Dental	Strader, David (straddl1); Tremblay, Kathleen (trembk1); Swisher, David (swishd1); Finke, Melvin (finkem2)
H-KN-02969.CNN4	CN	201480049520.X		CN105530964A	09/09/2013	09/09/2014			National Stage	Active	Published	Covidien LP	Covidien LP	SINGLE-USE DEVICE FOR INJECTION OF CARTRIDGE DRUGS	Patient Monitoring & Recovery - PMR - Mansfield | Dental	Strader, David (straddl1); Tremblay, Kathleen (trembk1); Swisher, David (swishd1); Finke, Melvin (finkem2)
H-KN-02969.EMD9	EU	003023225-0003			03/10/2016	03/10/2016			Design	Active	Filed	Covidien LP	Covidien LP	Syringe	Patient Monitoring & Recovery - PMR - Mansfield | Dental	Strader, David (straddl1); Tremblay, Kathleen (trembk1); Swisher, David (swishd1); Finke, Melvin (finkem2)

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Matter #	Country	App #	Patent #	Pub #	Priority Date	App Date	Issue Date	Expiration Date	Matter Sub-Type	Status	Sub Status	Current Owner	Assignee	Title	Business Classification	Inventors
H-KN-02969.EPN6	EP	14771718.5		EP3043831	09/09/2013	09/09/2014			National Stage	Active	Published	Covidien LP	Covidien LP	Single-Use Device for Injection of Cartridge Drugs	Patient Monitoring & Recovery - PMR - Mansfield | Dental	Strader, David (straddl1); Tremblay, Kathleen (trembk1); Swisher, David (swishd1); Finke, Melvin (finkem2)
H-KN-02969.MXN5	MX	MX/a/2016/002928			09/09/2013	09/09/2014			National Stage	Active	Filed	Covidien LP	Covidien LP	Single-Use Device for Injection of Cartridge Drugs	Patient Monitoring & Recovery - PMR - Mansfield | Dental	Strader, David (straddl1); Tremblay, Kathleen (trembk1); Swisher, David (swishd1); Finke, Melvin (finkem2)
H-KN-02969.USC13	US	29/557,475			09/09/2014	03/09/2016			Continuation	Active	Filed	Covidien LP	Covidien LP	Syringe	Patient Monitoring & Recovery - PMR - Mansfield | Dental	Strader, David (straddl1); Tremblay, Kathleen (trembk1); Swisher, David (swishd1); Finke, Melvin (finkem2)
H-KN-02969.USD2	US	29/557,478			03/09/2016	03/09/2016			Design	Active	Filed	Covidien LP	Covidien LP	Syringe	Patient Monitoring & Recovery - PMR - Mansfield | Dental	Strader, David (straddl1); Tremblay, Kathleen (trembk1); Swisher, David (swishd1); Finke, Melvin (finkem2)
H-KN-02969US01	US	14/481303		20150073352	09/09/2013	09/09/2014			Utility	Active	Published	Covidien LP	Covidien LP	Single-Use Device for Injection of Cartridge Drugs	Patient Monitoring & Recovery - PMR - Mansfield | Dental	Strader, David (straddl1); Tremblay, Kathleen (trembk1); Swisher, David (swishd1); Finke, Melvin (finkem2)
H-NS-00094CA	CA	2645368	2645368	2645368	12/27/2007	11/27/2008	05/06/2014	11/27/2028	Utility	Active	Issued	Covidien LP	Covidien LP	Bending Instrument for an Endoscope and Endoscope Set	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Access	Sutoh, Dai (sutohd1)
H-NS-00094US	US	12/277107	8246535	20090171154	12/27/2007	11/24/2008	08/21/2012	07/24/2030	Utility	Active	Issued	Covidien LP	Covidien LP	Bending Instrument for an Endoscope and Endoscope Set	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Access	Sutoh, Dai (sutohd1)
H-NS-00088CA	CA	2644874	2644874	2644874	11/30/2007	11/25/2008	05/08/2012	11/25/2028	Utility	Active	Issued	Covidien LP	Covidien LP	Endoscope System for Gastrostomy Catheter Placement	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Gastrointestinal	Sutoh, Dai (sutohd1); ABE, Kazuhiro (MITG-KA4)
H-NS-00088US	US	12/277090	8679002	20090143648	11/30/2007	11/24/2008	03/25/2014	12/04/2030	Utility	Active	Issued	Covidien LP	Covidien LP	Endoscope System for Gastrostomy Catheter Placement	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Gastrointestinal	Sutoh, Dai (sutohd1); ABE, Kazuhiro (MITG-KA4)
H-NS-00058US	US	11/622825	8506576	2007-0167956-A1	01/16/2006	01/12/2007	08/13/2013	12/23/2029	Utility	Active	Issued	Covidien LP	Covidien LP	Gripping Tool	Patient Monitoring & Recovery - PMR - Mansfield | Cardiothoracic | Other Cardiothoracic	Sutoh, Dai (sutohd1); Kanie, Nobuatsu (kanien1)
H-KN-00467JP	JP	2008-553304	5633953	2009-525389	01/31/2006	01/31/2007	10/24/2014	01/31/2027	National Stage	Active	Issued	Covidien LP	Covidien LP	SUPER SOFT FOAMS	Patient Monitoring & Recovery - PMR - Mansfield | Wound Care | Other Wound Care	Swaniker, Hansen (MITG-HS6)
H-KN-00467MX	MX	MX/a/2008/009459	319552		01/31/2006	01/31/2007	04/23/2014	01/31/2027	National Stage	Active	Issued	Covidien LP	Covidien LP	SUPER SOFT FOAMS	Patient Monitoring & Recovery - PMR - Mansfield | Wound Care | Other Wound Care	Swaniker, Hansen (MITG-HS6)
H-KN-00467US02	US	14/336,229		20140330235	01/31/2006	07/21/2014			Continuation	Active	Published	Covidien LP	Covidien LP	Super Soft Foams	Patient Monitoring & Recovery - PMR - Mansfield | Wound Care | Other Wound Care	Swaniker, Hansen (MITG-HS6)
355954AU01	AU	201514834	364507		03/13/2015	09/11/2015	10/01/2015	09/11/2025	Design	Active	Issued	Covidien LP	Covidien LP	LIGHT-INHIBITING TRANSFER BAG	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Feeding	Swisher, David (swishd1)
355954CN01	CN	201530349828.3	ZL201530349828.3		03/13/2015	09/11/2015	01/27/2016	09/10/2025	Design	Active	Issued	Covidien LP	Covidien LP	LIGHT-INHIBITING TRANSFER BAG	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Feeding	Swisher, David (swishd1)
355954EM01	EU	002769349	002769349-0001		03/13/2015	09/09/2015	10/20/2015	09/09/2040	Design	Active	Issued	Covidien LP	Covidien LP	LIGHT-INHIBITING TRANSFER BAG	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Feeding	Swisher, David (swishd1)
355954EM02	EU	002769349	002769349-0002		03/13/2015	09/09/2015	10/20/2015	09/09/2040	Design	Active	Issued	Covidien LP	Covidien LP	LIGHT-INHIBITING TRANSFER BAG	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Feeding	Swisher, David (swishd1)
355954EM03	EU	002769349	002769349-0003		03/13/2015	09/09/2015	10/20/2015	09/09/2040	Design	Active	Issued	Covidien LP	Covidien LP	LIGHT-INHIBITING TRANSFER BAG	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Feeding	Swisher, David (swishd1)
355954US01	US	29/520,329	D774183		03/13/2015	03/13/2015	12/13/2016	12/13/2030	Design	Active	Issued	Covidien LP	Covidien LP	LIGHT-INHIBITING TRANSFER BAG	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Feeding	Swisher, David (swishd1)
356384.USU2	US	15/174,357		US 2016-0361235 A1	06/11/2015	06/06/2016			Utility	Active	Published	Covidien LP	Covidien LP	ADAPTER ASSEMBLY FOR ENTERAL FEEDING	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Feeding	Swisher, David (swishd1)
356384.WOU3	WO	PCT/US2016/036311		WO 2016/200859	06/11/2015	06/08/2016		01/11/2018	Utility	Active	Published	Covidien LP	Covidien LP	ADAPTER ASSEMBLY FOR ENTERAL FEEDING	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Feeding	Swisher, David (swishd1)
356386AU01	AU	201516746	366401		06/11/2015	12/11/2015	01/07/2016	12/11/2025	Design	Active	Issued	Covidien LP	Covidien LP	Adapter Assembly for Enteral Feeding	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Feeding	Swisher, David (swishd1)
356386AU02	AU	201516748	366565		06/11/2015	12/11/2015	01/14/2016	12/11/2025	Design	Active	Issued	Covidien LP	Covidien LP	Adapter Assembly for Enteral Feeding	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Feeding	Swisher, David (swishd1)
356386CA01	CA	165862	165862		06/11/2015	12/10/2015	10/12/2016	10/12/2026	Design	Active	Issued	Covidien LP	Covidien LP	Adapter Assembly for Enteral Feeding	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Feeding	Swisher, David (swishd1)
356386CN01	CN	201530521027.0	ZL201530521027.0	CN303817952S	06/11/2015	12/11/2015	08/24/2016	12/11/2025	Design	Active	Issued	Covidien LP	Covidien LP	Adapter Assembly for Enteral Feeding	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Feeding	Swisher, David (swishd1)
356386EM01	EU	002907105	002907105-0001		06/11/2015	12/11/2015	12/11/2015	12/11/2040	Design	Active	Issued	Covidien LP	Covidien LP	Adapter Assembly for Enteral Feeding	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Feeding	Swisher, David (swishd1)

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356386EM02	EU	002907105	002907105-0002		06/11/2015	12/11/2015	12/11/2015	12/11/2040	Continuation	Active	Issued	Covidien LP	Covidien LP	Adapter Assembly for Enteral Feeding	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Feeding	Swisher, David (swishd1)
356386MX01	MX	MX/f/2015/003747			06/11/2015	12/11/2015			Design	Active	Filed	Covidien LP	Covidien LP	Adapter Assembly for Enteral Feeding	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Feeding	Swisher, David (swishd1)
356386US01	US	29/529998			06/11/2015	06/11/2015			Design	Active	Filed	Covidien LP	Covidien LP	ADAPTER ASSEMBLY FOR ENTERAL FEEDING	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Feeding	Swisher, David (swishd1)
356655.WOU4	WO	PCT/US2016/064715			12/04/2015	12/02/2016		07/04/2018	Utility	Active	Filed	Covidien LP	Covidien LP	HIGH-FLOW ENTERAL FEEDING SYRINGE ASSEMBLY	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Feeding	Swisher, David (swishd1)
356655US03	US	15/367,687			12/04/2015	12/02/2016			Utility	Active	Filed	Covidien LP	Covidien LP	HIGH-FLOW ENTERAL FEEDING SYRINGE ASSEMBLY	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Feeding	Swisher, David (swishd1)
H-KN-00265US	US	11/179438	7905857	20070073244	07/11/2005	07/11/2005	03/15/2011	01/12/2030	Utility	Active	Issued	Covidien LP	Covidien LP	Needle Assembly Including Obturator with Safety Reset	Patient Monitoring & Recovery - PMR - Mansfield | Diagnostic	Swisher, David (swishd1)
H-KN-01191DE	DE	09170346.2	602009013595.3	2168626	09/30/2008	09/15/2009	02/27/2013	09/15/2029	National Stage	Active	Issued	Covidien LP	Covidien LP	Medical Device having Prefilled Balloon	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Access	Swisher, David (swishd1)
H-KN-01191FR	FR	09170346.2	2168626	2168626	09/30/2008	09/15/2009	02/27/2013	09/15/2029	National Stage	Active	Issued	Covidien LP	Covidien LP	Medical Device having Prefilled Balloon	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Access	Swisher, David (swishd1)
H-KN-01191GB	GB	09170346.2	2168626	2168626	09/30/2008	09/15/2009	02/27/2013	09/15/2029	National Stage	Active	Issued	Covidien LP	Covidien LP	Medical Device having Prefilled Balloon	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Access	Swisher, David (swishd1)
H-KN-01191US1	US	12/545434	7998113	20100081990	09/30/2008	08/21/2009	08/16/2011	10/02/2029	Utility	Active	Issued	Covidien LP	Covidien LP	Medical Device Having Prefilled Balloon	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Access	Swisher, David (swishd1)
H-KN-01192US1	US	12/545439	8210168	20100081896	09/30/2008	08/21/2009	07/03/2012	07/31/2030	Utility	Active	Issued	Covidien LP	Covidien LP	Gastric Insertion Confirmation Device and Method of Use	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Access	Swisher, David (swishd1)
H-KN-01192US2	US	13/480926	9010322	20120296283	09/30/2008	05/25/2012	04/21/2015	02/09/2030	Continuation	Active	Issued	Covidien LP	Covidien LP	Gastric Insertion Confirmation Device and Related Methods Therefor	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Access	Swisher, David (swishd1)
H-KN-01193DE	DE	09170468.4	60 2009 005 736.7	2168559	09/30/2008	09/16/2009	03/07/2012	09/16/2029	National Stage	Active	Issued	Covidien LP	Covidien LP	SKIN LEVEL DEVICE FOR USE WITH GASTROSTOMY TUBE	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Access	Swisher, David (swishd1)
H-KN-01193EP	EP	09170468.4	2168559	2168559	09/30/2008	09/16/2009	03/07/2012	09/16/2029	Utility	Active	Issued	Covidien LP	Covidien LP	SKIN LEVEL DEVICE FOR USE WITH GASTROSTOMY TUBE	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Access	Swisher, David (swishd1)
H-KN-01193ES	ES	09170468.4	ES 2383724 T3	2168559	09/30/2008	09/16/2009	03/07/2012	09/16/2029	National Stage	Active	Issued	Covidien LP	Covidien LP	SKIN LEVEL DEVICE FOR USE WITH GASTROSTOMY TUBE	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Access	Swisher, David (swishd1)
H-KN-01193FR	FR	09170468.4	2168559	2168559	09/30/2008	09/16/2009	03/07/2012	09/16/2029	National Stage	Active	Issued	Covidien LP	Covidien LP	SKIN LEVEL DEVICE FOR USE WITH GASTROSTOMY TUBE	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Access	Swisher, David (swishd1)
H-KN-01193GB	GB	09170468.4	2168559	2168559	09/30/2008	09/16/2009	03/07/2012	09/16/2029	National Stage	Active	Issued	Covidien LP	Covidien LP	SKIN LEVEL DEVICE FOR USE WITH GASTROSTOMY TUBE	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Access	Swisher, David (swishd1)
S-8249NZ	NZ	504601	504601	1478	11/20/1997	11/20/1998	12/09/2002	11/20/2018	National Stage	Active	Issued	Covidien LP	Covidien LP	BLOOD EVACUATION CONTAINER WITH BLOOD SPIKE NESTING FEATURE	Patient Monitoring & Recovery - PMR - Mansfield | Cardiothoracic | Other Cardiothoracic	Swisher, David (swishd1); Chen, Quanfang (MITG-QC1)
H-KN-01224AU	AU	2009212963	2009212963		11/26/2008	09/03/2009	08/27/2015	09/03/2029	Utility	Active	Issued	Covidien LP	Covidien LP	A medical drainage device and a fill funnel for a medical drainage device	Patient Monitoring & Recovery - PMR - Mansfield | Cardiothoracic | Other Cardiothoracic	Swisher, David (swishd1); Daly, Paul (MITG-PJD2)
H-KN-01224US	US	12/623504	8545465	2010-0130948-A1	11/26/2008	11/23/2009	10/01/2013	04/29/2031	Utility	Active	Issued	Covidien LP	Covidien LP	A medical drainage device and a fill funnel for a medical drainage device	Patient Monitoring & Recovery - PMR - Mansfield | Cardiothoracic | Other Cardiothoracic	Swisher, David (swishd1); Daly, Paul (MITG-PJD2)
H-KN-01107AU	AU	2009202621	2009202621		06/30/2008	06/29/2009	01/02/2014	06/29/2029	Utility	Active	Issued	Covidien LP	Covidien LP	DISCRIMINATING ORAL TIP ADAPTOR	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Access	Swisher, David (swishd1); Daly, Paul (MITG-PJD2); Meier, Kevin (MITG-KCM); Fiser, Richard (MITG-RLF); Moos, Kimberly (MITG-KAM2)
H-KN-01107CA	CA	2670556	2670556	2670556	06/30/2008	06/25/2009	02/19/2013	06/25/2029	Utility	Active	Issued	Covidien LP	Covidien LP	DISCRIMINATING ORAL TIP ADAPTOR	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Access	Swisher, David (swishd1); Daly, Paul (MITG-PJD2); Meier, Kevin (MITG-KCM); Fiser, Richard (MITG-RLF); Moos, Kimberly (MITG-KAM2)
H-KN-01107CN	CN	200980125772.8	2140905	2140905	06/30/2008	06/25/2009	08/17/2011	06/25/2029	National Stage	Active	Issued	Covidien LP	Covidien LP	DISCRIMINATING ORAL TIP ADAPTOR	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Access	Swisher, David (swishd1); Daly, Paul (MITG-PJD2); Meier, Kevin (MITG-KCM); Fiser, Richard (MITG-RLF); Moos, Kimberly (MITG-KAM2)
H-KN-01107DE	DE	09163772.8	60 2009 002 166.4	2140905	06/30/2008	06/25/2009	08/17/2011	06/25/2029	National Stage	Active	Issued	Covidien LP	Covidien LP	DISCRIMINATING ORAL TIP ADAPTOR	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Access	Swisher, David (swishd1); Daly, Paul (MITG-PJD2); Meier, Kevin (MITG-KCM); Fiser, Richard (MITG-RLF); Moos, Kimberly (MITG-KAM2)
H-KN-01107FR	FR	09163772.8	2140905	2140905	06/30/2008	06/25/2009	08/17/2011	06/25/2029	National Stage	Active	Issued	Covidien LP	Covidien LP	DISCRIMINATING ORAL TIP ADAPTOR	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Access	Swisher, David (swishd1); Daly, Paul (MITG-PJD2); Meier, Kevin (MITG-KCM); Fiser, Richard (MITG-RLF); Moos, Kimberly (MITG-KAM2)

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Matter #	Country	App #	Patent #	Pub #	Priority Date	App Date	Issue Date	Expiration Date	Matter Sub-Type	Status	Sub Status	Current Owner	Assignee	Title	Business Classification	Inventors
H-KN-01107GB	GB	09163772.8	2140905	2140905	06/30/2008	06/25/2009	08/17/2011	06/25/2029	National Stage	Active	Issued	Covidien LP	Covidien LP	DISCRIMINATING ORAL TIP ADAPTOR	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Access	Swisher, David (swishd1); Daly, Paul (MITG-PJD2); Meier, Kevin (MITG-KCM); Fiser, Richard (MITG-RLF); Moos, Kimberly (MITG-KAM2)
H-KN-01107JP	JP	2009-153175	5534723	2010-29652	06/30/2008	06/29/2009	05/09/2014	06/29/2029	Utility	Active	Issued	Covidien LP	Covidien LP	DISCRIMINATING ORAL TIP ADAPTOR	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Access	Swisher, David (swishd1); Daly, Paul (MITG-PJD2); Meier, Kevin (MITG-KCM); Fiser, Richard (MITG-RLF); Moos, Kimberly (MITG-KAM2)
H-KN-01107KR	KR	10-2009-7028938	10-1600068	10-2010-0039938	06/30/2008	06/29/2009	04/20/2016	06/29/2029	National Stage	Active	Issued-Awaiting Publication	Covidien LP	Covidien LP	DISCRIMINATING ORAL TIP ADAPTOR	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Access	Swisher, David (swishd1); Daly, Paul (MITG-PJD2); Meier, Kevin (MITG-KCM); Fiser, Richard (MITG-RLF); Moos, Kimberly (MITG-KAM2)
H-KN-01367AU1	AU	2010201892	2010201892		05/11/2009	05/11/2010	03/06/2014	05/11/2030	Utility	Active	Issued	Covidien LP	Covidien LP	Discriminating Fluid Connection System	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Access	Swisher, David (swishd1); Deighan, Ciara (MITG-CD6); Daly, Paul (MITG-PJD2); Fitzgerald, Alan (MITG-AF7)
H-KN-01367CA1	CA	2703429	2703429	2703429	05/11/2009	05/07/2010	09/09/2014	05/07/2030	Utility	Active	Issued	Covidien LP	Covidien LP	Discriminating Fluid Connection System	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Access	Swisher, David (swishd1); Deighan, Ciara (MITG-CD6); Daly, Paul (MITG-PJD2); Fitzgerald, Alan (MITG-AF7)
H-KN-01367EP1	EP	10004792.7		2251061	05/11/2009	05/06/2010			Utility	Active	Published	Covidien LP	Covidien LP	Discriminating Fluid Connection System	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Access	Swisher, David (swishd1); Deighan, Ciara (MITG-CD6); Daly, Paul (MITG-PJD2); Fitzgerald, Alan (MITG-AF7)
H-KN-01367US1	US	12/774839	8684979	20100283238	05/11/2009	05/06/2010	04/01/2014	07/29/2030	Utility	Active	Issued	Covidien LP	Covidien LP	Discriminating Fluid Connection System	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Access	Swisher, David (swishd1); Deighan, Ciara (MITG-CD6); Daly, Paul (MITG-PJD2); Fitzgerald, Alan (MITG-AF7)
H-KN-02397AU	AU	10862/2013	348328		09/07/2012	02/21/2013	05/06/2013	02/21/2023	Design	Active	Issued	Covidien LP	Covidien LP	CONSOLE	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Access	Swisher, David (swishd1); Dorsey, Michael (dorsem1)
H-KN-02397CA	CA	149753	149753	149753	09/07/2012	02/13/2013	09/19/2014	09/19/2024	Design	Active	Issued	Covidien LP	Covidien LP	CONSOLE	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Access	Swisher, David (swishd1); Dorsey, Michael (dorsem1)
H-KN-02397CN	CN	201330053916.X	ZL201330053916.X		09/07/2012	03/06/2013	10/23/2013	03/06/2023	Design	Active	Issued	Covidien LP	Covidien LP	CONSOLE	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Access	Swisher, David (swishd1); Dorsey, Michael (dorsem1)
H-KN-02397EM	EU	001362701	001362701-0001		09/07/2012	02/21/2013	04/26/2013	02/21/2038	Design	Active	Issued	Covidien LP	Covidien LP	CONSOLE	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Access	Swisher, David (swishd1); Dorsey, Michael (dorsem1)
H-KN-02397EM1	EU	001362701	001362701-0002		09/07/2012	02/21/2013	04/26/2013	02/21/2038	Design	Active	Issued	Covidien LP	Covidien LP	CONSOLE	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Access	Swisher, David (swishd1); Dorsey, Michael (dorsem1)
H-KN-02397JP	JP	2013-2740	1494279		09/07/2012	02/13/2013	03/07/2014	03/07/2034	Design	Active	Issued	Covidien LP	Covidien LP	CONSOLE FOR MEDICAL DEVICE	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Access	Swisher, David (swishd1); Dorsey, Michael (dorsem1)
H-KN-02397JPDIV	JP	2014-2750	1507720		09/07/2012	02/13/2013	08/22/2014	03/07/2034	Divisional	Active	Issued	Covidien LP	Covidien LP	CONSOLE FOR MEDICAL DEVICE	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Access	Swisher, David (swishd1); Dorsey, Michael (dorsem1)
H-KN-02397US	US	29/431433	D735343		09/07/2012	09/07/2012	07/28/2015	07/28/2029	Design	Active	Issued	Covidien LP	Covidien LP	CONSOLE	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Access	Swisher, David (swishd1); Dorsey, Michael (dorsem1)
1839KUS1	US	11/852841	8287517	20080077176	09/26/2012	09/10/2007	10/16/2012	08/21/2029	Utility	Active	Issued	Covidien LP	Covidien LP	Safety Connector Assembly	Patient Monitoring & Recovery - PMR - Mansfield | Vascular Compression	Swisher, David (swishd1); Hanlon, James (COV-PV-JGH)
1839KUS3	US	13/651,799		US 2013-0282047 A1	09/10/2007	10/15/2012			Continuation	Active	Published	Covidien LP	Covidien LP	Safety Connector Assembly	Patient Monitoring & Recovery - PMR - Mansfield | Vascular Compression	Swisher, David (swishd1); Hanlon, James (COV-PV-JGH)
H-KN-01044US	US	12/052282	8257287	2009-0240178-A1	03/20/2008	03/20/2008	09/04/2012	05/29/2031	Utility	Active	Issued	Covidien LP	Covidien LP	Safety Connector Assembly	Patient Monitoring & Recovery - PMR - Mansfield | Vascular Compression	Swisher, David (swishd1); Hanlon, James (COV-PV-JGH)
H-KN-01140US	US	12/569074	9,572,720	2011-0077565-a1	09/29/2009	09/29/2009	02/21/2017	05/26/2035	Utility	Active	Allowed	Covidien LP	Covidien LP	Reduced Noise Pneumatic Compression Garment	Patient Monitoring & Recovery - PMR - Mansfield | Vascular Compression	Swisher, David (swishd1); Hanlon, James (COV-PV-JGH)
H-KN-01132US	US	12/359793	8133039	20100189578	01/26/2009	01/26/2009	03/13/2012	08/31/2030	Utility	Active	Issued	Covidien LP	Covidien LP	Mount for a Compression Control Unit	Patient Monitoring & Recovery - PMR - Mansfield | Vascular Compression	Swisher, David (swishd1); Hanlon, James (COV-PV-JGH); Anderson, Kelly (MITG-KA6)
H-KN-01132US1	US	13/356692	8414272	20120121444	01/26/2009	01/24/2012	04/09/2013	01/26/2029	Continuation	Active	Issued	Covidien LP	Covidien LP	Mount for a Compression Control Unit	Patient Monitoring & Recovery - PMR - Mansfield | Vascular Compression	Swisher, David (swishd1); Hanlon, James (COV-PV-JGH); Anderson, Kelly (MITG-KA6)
H-KN-01107US1	US	12/495091	8777930	20090326481	06/30/2008	06/30/2009	07/15/2014	03/21/2033	Utility	Active	Issued	Covidien LP	Covidien LP	Discriminating Oral-Tip Adaptor	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Access	Swisher, David (swishd1); Meier, Kevin (MITG-KCM); Moos, Kimberly (MITG-KAM2)
H-KN-00264US	US	11/179090	7828773	20070016138	07/11/2005	07/11/2005	11/09/2010	09/07/2029	Utility	Active	Issued	Covidien LP	Covidien LP	Safety Reset Key and Needle Assembly	Patient Monitoring & Recovery - PMR - Mansfield | Diagnostic	Swisher, David (swishd1); Moos, Kimberly (MITG-KAM2)
H-KN-00264US1	US	12/892969	8162889	20110015579	07/11/2005	09/29/2010	04/24/2012	07/11/2025	Continuation	Active	Issued	Covidien LP	Covidien LP	Safety Reset Key and Needle Assembly	Patient Monitoring & Recovery - PMR - Mansfield | Diagnostic	Swisher, David (swishd1); Moos, Kimberly (MITG-KAM2)
H-KN-00678US	US	11/933864	8357104	20090118639	11/01/2007	11/01/2007	01/22/2013	06/20/2030	Utility	Active	Issued	Covidien LP	Covidien LP	Active Stylet Safety Shield	Patient Monitoring & Recovery - PMR - Mansfield | Diagnostic	Swisher, David (swishd1); Moos, Kimberly (MITG-KAM2)
355912.EUD2	EU	001432264-0002	001432264		11/06/2014	03/19/2015	04/27/2015	03/19/2040	Design	Active	Issued	Covidien LP	Covidien LP	Male and Female Enteral Tubing Connector	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Feeding	Swisher, David (swishd1); Schuessler, Wayne (schuew1)
355912.EUD3	EU	001432264-0003	001432264		11/06/2014	03/19/2015	04/27/2015	03/19/2040	Design	Active	Issued	Covidien LP	Covidien LP	Male and Female Enteral Tubing Connector	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Feeding	Swisher, David (swishd1); Schuessler, Wayne (schuew1)

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Matter #	Country	App #	Patent #	Pub #	Priority Date	App Date	Issue Date	Expiration Date	Matter Sub-Type	Status	Sub Status	Current Owner	Assignee	Title	Business Classification	Inventors
355912.EUD4	EU	001432264-0004	001432264		11/06/2014	03/19/2015	04/27/2015	03/19/2040	Design	Active	Issued	Covidien LP	Covidien LP	Male and Female Enteral Tubing Connector	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Feeding	Swisher, David (swishd1); Schuessler, Wayne (schuew1)
355912.EUD5	EU	001432264-0005	001432264		11/06/2014	03/19/2015	04/27/2015	03/19/2040	Design	Active	Issued	Covidien LP	Covidien LP	Male and Female Enteral Tubing Connector	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Feeding	Swisher, David (swishd1); Schuessler, Wayne (schuew1)
355912AU01	AU	201511377	361201		11/06/2014	03/13/2015	04/15/2015	03/13/2025	Design	Active	Issued	Covidien LP	Covidien LP	Female Enteral Tubing Connector	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Feeding	Swisher, David (swishd1); Schuessler, Wayne (schuew1)
355912CA01	CA	161504	161504		11/06/2014	03/12/2015	01/21/2016	01/21/2026	Design	Active	Issued	Covidien LP	Covidien LP	Female Enteral Tubing Connector	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Feeding	Swisher, David (swishd1); Schuessler, Wayne (schuew1)
355912CN01	CN	201530072719.1	ZL201530072719.1		11/06/2014	03/25/2015	08/25/2015	03/25/2025	Design	Active	Issued	Covidien LP	Covidien LP	Female Enteral Tubing Connector	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Feeding	Swisher, David (swishd1); Schuessler, Wayne (schuew1)
355912EM01	EU	001432264-0001	001432264		11/06/2014	03/19/2015	04/27/2015	03/19/2040	Design	Active	Issued	Covidien LP	Covidien LP	Male and Female Enteral Tubing Connector	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Feeding	Swisher, David (swishd1); Schuessler, Wayne (schuew1)
355912JP01	JP	2015-9858	1560017		11/06/2014	05/01/2015	09/02/2016	09/02/2036	Design	Active	Issued	Covidien LP	Covidien LP	Enteral Tubing Connector	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Feeding	Swisher, David (swishd1); Schuessler, Wayne (schuew1)
355912MX01	MX	MX/f/2015/000998			11/06/2014	03/24/2015			Design	Active	Allowed	Covidien LP	Covidien LP	Female Enteral Tubing Connector	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Feeding	Swisher, David (swishd1); Schuessler, Wayne (schuew1)
355912SG01	SG	30201500631X	30201500631X		11/06/2014	03/13/2015	04/23/2015	03/13/2030	Design	Active	Issued	Covidien LP	Covidien LP	Female Enteral Tubing Connector	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Feeding	Swisher, David (swishd1); Schuessler, Wayne (schuew1)
355912US01	US	29/508423			11/06/2014	11/06/2014			Design	Active	Allowed	Covidien LP	Covidien LP	Female Enteral Tubing Connector	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Feeding	Swisher, David (swishd1); Schuessler, Wayne (schuew1)
355913AU01	AU	201511690	361498		11/06/2014	03/30/2015	11/30/2015	03/30/2025	Design	Active	Issued	Covidien LP	Covidien LP	Male Enteral Tubing Connector	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Feeding	Swisher, David (swishd1); Schuessler, Wayne (schuew1)
355913CA01	CA	161896			11/06/2014	04/01/2015			Design	Active	Filed	Covidien LP	Covidien LP	Male Enteral Tubing Connector	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Feeding	Swisher, David (swishd1); Schuessler, Wayne (schuew1)
355913CN01	CN	201530128522.5	ZL201530128522.5		11/06/2014	05/06/2015	10/07/2015	05/06/2025	Design	Active	Issued	Covidien LP	Covidien LP	Male Enteral Tubing Connector	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Feeding	Swisher, David (swishd1); Schuessler, Wayne (schuew1)
355913JP01	JP	2015-9862	1560018		11/06/2014	05/01/2015	09/02/2016	09/02/2036	Design	Active	Issued	Covidien LP	Covidien LP	Male Enteral Tubing Connector	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Feeding	Swisher, David (swishd1); Schuessler, Wayne (schuew1)
355913MX01	MX	MX/f/2015/001133			11/06/2014	04/01/2015			Design	Active	Filed	Covidien LP	Covidien LP	Male Enteral Tubing Connector	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Feeding	Swisher, David (swishd1); Schuessler, Wayne (schuew1)
355913SG01	SG	30201500726T	30201500726T		11/06/2014	03/27/2015	05/12/2015	03/27/2030	Design	Active	Issued	Covidien LP	Covidien LP	Male Enteral Tubing Connector	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Feeding	Swisher, David (swishd1); Schuessler, Wayne (schuew1)
355913US01	US	29/508425			11/06/2014	11/06/2014			Design	Active	Filed	Covidien LP	Covidien LP	Male Enteral Tubing Connector	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Feeding	Swisher, David (swishd1); Schuessler, Wayne (schuew1)
355935US02	US	14/955,660		US 2016-0158110 A1	12/02/2014	12/01/2015			Utility	Active	Published	Covidien LP	Covidien LP	Adapter Assembly for Enteral Feeding and Method of Making	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Feeding	Swisher, David (swishd1); Walker, Sandra (walkes13); Dorsey, Michael (dorsem1)
355935WO02	WO	PCT/US2015/063187		WO 2016/089869	12/02/2014	12/01/2015		07/02/2017	Utility	Active	Published	Covidien LP	Covidien LP	Adapter Assembly for Enteral Feeding and Method of Making	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Feeding	Swisher, David (swishd1); Walker, Sandra (walkes13); Dorsey, Michael (dorsem1)
356012.CAV6	CA	167620	167620		12/02/2014	03/21/2016	10/12/2016	10/12/2026	Divisional	Active	Issued	Covidien LP	Covidien LP	ADAPTER FOR FACILITATING WITHDRAWAL OF LIQUID FROM A SOURCE AND DELIVERY OF LIQUID TO A SUBJECT	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Feeding	Swisher, David (swishd1); Walker, Sandra (walkes13); Dorsey, Michael (dorsem1)
356012.CAV7	CA	167621	167621		12/02/2014	03/21/2016	10/12/2016	10/12/2026	Divisional	Active	Issued	Covidien LP	Covidien LP	Medical Adapter Assembly	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Feeding	Swisher, David (swishd1); Walker, Sandra (walkes13); Dorsey, Michael (dorsem1)
356012AU01	AU	201512510	362803		12/02/2014	05/14/2015	07/21/2015	05/14/2025	Design	Active	Issued	Covidien LP	Covidien LP	Medical Adapter Assembly	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Feeding	Swisher, David (swishd1); Walker, Sandra (walkes13); Dorsey, Michael (dorsem1)
356012AU02	AU	201512511	362347		12/02/2014	05/14/2015	06/17/2015	05/14/2025	Design	Active	Issued	Covidien LP	Covidien LP	Medical Adapter Assembly	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Feeding	Swisher, David (swishd1); Walker, Sandra (walkes13); Dorsey, Michael (dorsem1)
356012CA01	CA	162375	162237		12/02/2014	05/08/2015	10/12/2016	10/12/2026	Design	Active	Issued	Covidien LP	Covidien LP	ADAPTER FOR FACILITATING WITHDRAWAL OF LIQUID FROM A SOURCE	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Feeding	Swisher, David (swishd1); Walker, Sandra (walkes13); Dorsey, Michael (dorsem1)

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Matter #	Country	App #	Patent #	Pub #	Priority Date	App Date	Issue Date	Expiration Date	Matter Sub-Type	Status	Sub Status	Current Owner	Assignee	Title	Business Classification	Inventors
356012CN01	CN	201530521024.7	ZL201530521024.0		12/02/2014	05/12/2015	12/02/2015	05/12/2025	Design	Active	Issued Assigned	Covidien LP	Covidien LP	Medical Adapter Assembly	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Feeding	Swisher, David (swishd1); Walker, Sandra (walkes13); Dorsey, Michael (dorsem1)
356012EM01	EU	002698373	002698373-0001		12/02/2014	05/12/2015	05/22/2015	05/12/2040	Design	Active	Issued	Covidien LP	Covidien LP	Medical Adapter Assembly	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Feeding	Swisher, David (swishd1); Walker, Sandra (walkes13); Dorsey, Michael (dorsem1)
356012EM02	EU	002698373	002698373-0002		12/02/2014	05/12/2015	05/22/2015	05/12/2040	Continuation	Active	Issued	Covidien LP	Covidien LP	Medical Adapter Assembly	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Feeding	Swisher, David (swishd1); Walker, Sandra (walkes13); Dorsey, Michael (dorsem1)
356012EM03	EU	002698373	002698373-0003		12/02/2014	05/12/2015	05/22/2015	05/12/2040	Continuation	Active	Issued	Covidien LP	Covidien LP	Medical Adapter Assembly	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Feeding	Swisher, David (swishd1); Walker, Sandra (walkes13); Dorsey, Michael (dorsem1)
356012EM04	EU	002698373	002698373-0004		12/02/2014	05/12/2015	05/22/2015	05/12/2040	Continuation	Active	Issued	Covidien LP	Covidien LP	Medical Adapter Assembly	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Feeding	Swisher, David (swishd1); Walker, Sandra (walkes13); Dorsey, Michael (dorsem1)
356012EM05	EU	002698373	002698373-0005		12/02/2014	05/12/2015	05/22/2015	05/12/2040	Continuation	Active	Issued	Covidien LP	Covidien LP	Medical Adapter Assembly	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Feeding	Swisher, David (swishd1); Walker, Sandra (walkes13); Dorsey, Michael (dorsem1)
356012JP01	JP	2015-10260	1561044		12/02/2014	05/12/2015	09/16/2016	09/16/2036	Design	Active	Issued	Covidien LP	Covidien LP	Medical Adaptor (embodiment 1)	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Feeding	Swisher, David (swishd1); Walker, Sandra (walkes13); Dorsey, Michael (dorsem1)
356012JP02	JP	2015-10261	1541669		12/02/2014	05/12/2015	12/11/2015	12/11/2035	Design	Active	Issued	Covidien LP	Covidien LP	Medical Adapter Assembly	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Feeding	Swisher, David (swishd1); Walker, Sandra (walkes13); Dorsey, Michael (dorsem1)
356012SG01	SG	30201500991Y	30201500991Y		12/02/2014	05/12/2015	05/12/2015	05/12/2030	Design	Active	Issued	Covidien LP	Covidien LP	Medical Adapter Assembly	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Feeding	Swisher, David (swishd1); Walker, Sandra (walkes13); Dorsey, Michael (dorsem1)
356012SG02	SG	30201500992T	30201500992T		12/02/2014	05/12/2015	05/12/2015	05/12/2030	Design	Active	Issued	Covidien LP	Covidien LP	Adapter Assembly	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Feeding	Swisher, David (swishd1); Walker, Sandra (walkes13); Dorsey, Michael (dorsem1)
356342.USU2	US	15/174,315		US 2016-0361497 A1	06/11/2015	06/06/2016			Utility	Active	Published	Covidien LP	Covidien LP	ENTERAL FEEDING SYRINGE ASSEMBLY	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Feeding	Swisher, David (swishd1); Walker, Sandra (walkes13); Eckenroth, Timothy (eckent1)
356342.WOU3	WO	PCT/US2016/036306		WO 2016/200857	06/11/2015	06/08/2016		01/11/2018	Utility	Active	Published	Covidien LP	Covidien LP	ENTERAL FEEDING SYRINGE ASSEMBLY	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Feeding	Swisher, David (swishd1); Walker, Sandra (walkes13); Eckenroth, Timothy (eckent1)
356388CN01	CN	201530521024.7			06/11/2015	12/11/2015			Design	Active	Allowed	Covidien LP	Covidien LP	Enteral Feeding Syringe	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Feeding	Swisher, David (swishd1); Walker, Sandra (walkes13); Eckenroth, Timothy (eckent1)
356388EM01	EU	002907105	002907105-0003		06/11/2015	12/11/2015	12/11/2015	12/11/2040	Design	Active	Issued	Covidien LP	Covidien LP	Enteral Feeding Syringe	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Feeding	Swisher, David (swishd1); Walker, Sandra (walkes13); Eckenroth, Timothy (eckent1)
356388US01	US	29/530000			06/11/2015	06/11/2015			Design	Active	Allowed	Covidien LP	Covidien LP	Enteral Feeding Syringe	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Feeding	Swisher, David (swishd1); Walker, Sandra (walkes13); Eckenroth, Timothy (eckent1)
H-KN-00625US	US	11/705981	8382730	20080202969	02/14/2007	02/14/2007	02/26/2013	07/21/2028	Utility	Active	Issued	Covidien LP	Covidien LP	Surgical Fluid Basin	Patient Monitoring & Recovery - PMR - Mansfield | Monitoring & Operating Room | Other MORP	Tauer, Mark (MITG-MT5)
H-KN-00625US1	US	29/289627	D597203		02/14/2007	07/26/2007	07/28/2009	07/28/2023	Design	Active	Issued	Covidien LP	Covidien LP	Fluid Basin	Patient Monitoring & Recovery - PMR - Mansfield | Monitoring & Operating Room | Other MORP	Tauer, Mark (MITG-MT5)
1810KUS1	US	29/200145	D523147		02/23/2004	02/23/2004	06/13/2006	06/13/2020	Design	Active	Issued	Covidien LP	Covidien LP	COMPRESSION SLEEVE	Patient Monitoring & Recovery - PMR - Mansfield | Vascular Compression	Tesluk, Chris (MITG-CT6)
1840KUS	US	29/199986	D506553		02/23/2004	02/23/2004	06/21/2005	06/21/2019	Design	Active	Issued	Covidien LP	Covidien LP	COMPRESSION SLEEVE	Patient Monitoring & Recovery - PMR - Mansfield | Vascular Compression	Tesluk, Chris (MITG-CT6)
H-KN-01498AU	AU	2011204993	2011204993		07/29/2010	07/26/2011	06/19/2014	07/26/2031	Utility	Active	Issued	Covidien LP	Covidien LP	ECG ADAPTER SYSTEM AND METHOD	Patient Monitoring & Recovery - PMR - Mansfield | Monitoring & Operating Room | Other MORP	Theodorou, Dimitrios (theodd1); Coggins, Scott (coggis1); Holley, Steven (MITG-SAH); Callahan, Mark (MITG-MJC)
H-KN-01498CA	CA	2746944		2746944	07/29/2010	07/21/2011			Utility	Active	Published	Covidien LP	Covidien LP	ECG ADAPTER SYSTEM AND METHOD	Patient Monitoring & Recovery - PMR - Mansfield | Monitoring & Operating Room | Other MORP	Theodorou, Dimitrios (theodd1); Coggins, Scott (coggis1); Holley, Steven (MITG-SAH); Callahan, Mark (MITG-MJC)
H-KN-01498CN	CN	201110267881.X	ZL 201110267881.X	CN102440772A	07/29/2010	07/29/2011	01/27/2016	07/28/2031	Utility	Active	Issued	Covidien LP	Covidien LP	ECG ADAPTER SYSTEM AND METHOD	Patient Monitoring & Recovery - PMR - Mansfield | Monitoring & Operating Room | Other MORP	Theodorou, Dimitrios (theodd1); Coggins, Scott (coggis1); Holley, Steven (MITG-SAH); Callahan, Mark (MITG-MJC)
H-KN-01498EP	EP	11006002.7		EP2412307	07/29/2010	07/22/2011			Utility	Active	Published	Covidien LP	Covidien LP	ECG ADAPTER SYSTEM AND METHOD	Patient Monitoring & Recovery - PMR - Mansfield | Monitoring & Operating Room | Other MORP	Theodorou, Dimitrios (theodd1); Coggins, Scott (coggis1); Holley, Steven (MITG-SAH); Callahan, Mark (MITG-MJC)
H-KN-01498US1	US	13/192022	8568160	20120028504	07/29/2010	07/27/2011	10/29/2013	11/02/2031	Utility	Active	Issued	Covidien LP	Covidien LP	ECG Adapter System and Method	Patient Monitoring & Recovery - PMR - Mansfield | Monitoring & Operating Room | Other MORP	Theodorou, Dimitrios (theodd1); Coggins, Scott (coggis1); Holley, Steven (MITG-SAH); Callahan, Mark (MITG-MJC)
S-8486AT	AT	98945905.2	E 310547	EPA1011759	09/10/1997	09/03/1998	11/23/2005	09/03/2018	National Stage	Active	Issued	Covidien LP	Covidien LP	MEDICAL NEEDLE SAFETY APPARATUS AND METHODS	Patient Monitoring & Recovery - PMR - Mansfield | Needles & Syringes | Other Needles & Syringes	Thorne, David (MITG-DLT)

Matter #	Country	App #	Patent #	Pub #	Priority Date	App Date	Issue Date	Expiration Date	Matter Sub-Type	Status	Sub Status	Current Owner	Assignee	Title	Business Classification	Inventors
S-8486AU	AU	93046/98	745765	745765	09/10/1997	09/03/1998	07/11/2002	09/03/2018	National Stage	Active	Issued	Covidien LP	Covidien LP	MEDICAL NEEDLE SAFETY APPARATUS AND METHODS	Patient Monitoring & Recovery - PMR - Mansfield | Needles & Syringes | Other Needles & Syringes	Thorne, David (MITG-DLT)
S-8486BE	BE	98945905.2	1011759B	EPA1011759	09/10/1997	09/03/1998	11/23/2005	09/03/2018	National Stage	Active	Issued	Covidien LP	Covidien LP	MEDICAL NEEDLE SAFETY APPARATUS AND METHODS	Patient Monitoring & Recovery - PMR - Mansfield | Needles & Syringes | Other Needles & Syringes	Thorne, David (MITG-DLT)
S-8486BR	BR	PI9811644-4	PI9811644-4		09/10/1997	09/03/1998	04/25/2006	09/03/2018	National Stage	Active	Issued	Covidien LP	Covidien LP	MEDICAL NEEDLE SAFETY APPARATUS AND METHODS	Patient Monitoring & Recovery - PMR - Mansfield | Needles & Syringes | Other Needles & Syringes	Thorne, David (MITG-DLT)
S-8486CA	CA	2302622	2302622	2302622	09/10/1997	09/03/1998	01/16/2007	09/03/2018	National Stage	Active	Issued	Covidien LP	Covidien LP	MEDICAL NEEDLE SAFETY APPARATUS AND METHODS	Patient Monitoring & Recovery - PMR - Mansfield | Needles & Syringes | Other Needles & Syringes	Thorne, David (MITG-DLT)
S-8486CH	CH	98945905.2	1011759B	EPA1011759	09/10/1997	09/03/1998	11/23/2005	09/03/2018	National Stage	Active	Issued	Covidien LP	Covidien LP	MEDICAL NEEDLE SAFETY APPARATUS AND METHODS	Patient Monitoring & Recovery - PMR - Mansfield | Needles & Syringes | Other Needles & Syringes	Thorne, David (MITG-DLT)
S-8486CN1DIV	CN	200510003536.X	ZL200510003536.X	CN1799502A	09/10/1997	09/03/1998	11/12/2008	09/03/2018	Divisional	Active	Issued	Covidien LP	Covidien LP	MEDICAL NEEDLE SAFETY APPARATUS AND METHODS	Patient Monitoring & Recovery - PMR - Mansfield | Needles & Syringes | Other Needles & Syringes	Thorne, David (MITG-DLT)
S-8486CZ	CZ	PV 2000-817	296796		09/10/1997	09/03/1998	05/03/2006	09/03/2018	National Stage	Active	Issued	Covidien LP	Covidien LP	MEDICAL NEEDLE SAFETY APPARATUS AND METHODS	Patient Monitoring & Recovery - PMR - Mansfield | Needles & Syringes | Other Needles & Syringes	Thorne, David (MITG-DLT)
S-8486DE	DE	98945905.2	1011759B	EPA1011759	09/10/1997	09/03/1998	11/23/2005	09/03/2018	National Stage	Active	Issued	Covidien LP	Covidien LP	MEDICAL NEEDLE SAFETY APPARATUS AND METHODS	Patient Monitoring & Recovery - PMR - Mansfield | Needles & Syringes | Other Needles & Syringes	Thorne, David (MITG-DLT)
S-8486DK	DK	98945905.2	1011759B	EPA1011759	09/10/1997	09/03/1998	11/23/2005	09/03/2018	National Stage	Active	Issued	Covidien LP	Covidien LP	MEDICAL NEEDLE SAFETY APPARATUS AND METHODS	Patient Monitoring & Recovery - PMR - Mansfield | Needles & Syringes | Other Needles & Syringes	Thorne, David (MITG-DLT)
S-8486FI	FI	98945905.2	1011759B	EPA1011759	09/10/1997	09/03/1998	11/23/2005	09/03/2018	National Stage	Active	Issued	Covidien LP	Covidien LP	MEDICAL NEEDLE SAFETY APPARATUS AND METHODS	Patient Monitoring & Recovery - PMR - Mansfield | Needles & Syringes | Other Needles & Syringes	Thorne, David (MITG-DLT)
S-8486FR	FR	98945905.2	1011759B	EPA1011759	09/10/1997	09/03/1998	11/23/2005	09/03/2018	National Stage	Active	Issued	Covidien LP	Covidien LP	MEDICAL NEEDLE SAFETY APPARATUS AND METHODS	Patient Monitoring & Recovery - PMR - Mansfield | Needles & Syringes | Other Needles & Syringes	Thorne, David (MITG-DLT)
S-8486GB	GB	98945905.2	1011759B	EPA1011759	09/10/1997	09/03/1998	11/23/2005	09/03/2018	National Stage	Active	Issued	Covidien LP	Covidien LP	MEDICAL NEEDLE SAFETY APPARATUS AND METHODS	Patient Monitoring & Recovery - PMR - Mansfield | Needles & Syringes | Other Needles & Syringes	Thorne, David (MITG-DLT)
S-8486GR	GR	98945905.2	1011759B	EPA1011759	09/10/1997	09/03/1998	11/23/2005	09/03/2018	National Stage	Active	Issued	Covidien LP	Covidien LP	MEDICAL NEEDLE SAFETY APPARATUS AND METHODS	Patient Monitoring & Recovery - PMR - Mansfield | Needles & Syringes | Other Needles & Syringes	Thorne, David (MITG-DLT)
S-8486HK	HK	01100298.8	HK1029538	1029538A	09/10/1997	09/03/1998	06/16/2006	09/03/2018	Utility	Active	Issued	Covidien LP	Covidien LP	MEDICAL NEEDLE SAFETY APPARATUS AND METHODS	Patient Monitoring & Recovery - PMR - Mansfield | Needles & Syringes | Other Needles & Syringes	Thorne, David (MITG-DLT)
S-8486HK1	HK	06109676.6	HK1089917	1089917A	09/10/1997	08/30/2006	05/15/2009	08/30/2026	National Stage	Active	Issued	Covidien LP	Covidien LP	MEDICAL NEEDLE SAFETY APPARATUS AND METHODS	Patient Monitoring & Recovery - PMR - Mansfield | Needles & Syringes | Other Needles & Syringes	Thorne, David (MITG-DLT)
S-8486IE	IE	98945905.2	1011759B	EPA1011759	09/10/1997	09/03/1998	11/23/2005	09/03/2018	National Stage	Active	Issued	Covidien LP	Covidien LP	MEDICAL NEEDLE SAFETY APPARATUS AND METHODS	Patient Monitoring & Recovery - PMR - Mansfield | Needles & Syringes | Other Needles & Syringes	Thorne, David (MITG-DLT)
S-8486IL	IL	134980	134980	134980	09/10/1997	09/03/1998	02/01/2007	09/03/2018	National Stage	Active	Issued	Covidien LP	Covidien LP	MEDICAL NEEDLE SAFETY APPARATUS AND METHODS	Patient Monitoring & Recovery - PMR - Mansfield | Needles & Syringes | Other Needles & Syringes	Thorne, David (MITG-DLT)
S-8486IN	IN	1995/DEL/1998	232848	1995/DEL/1998	09/10/1997	07/13/1998	03/30/2009	07/13/2018	Utility	Active	Issued	Covidien LP	Covidien LP	A Safety Apparatus For Sheathing A Medical Needle And The Method For The Same	Patient Monitoring & Recovery - PMR - Mansfield | Needles & Syringes | Other Needles & Syringes	Thorne, David (MITG-DLT)
S-8486JP	JP	2000-510487	4330792		09/10/1997	09/03/1998	06/26/2009	09/03/2018	National Stage	Active	Issued	Covidien LP	Covidien LP	MEDICAL NEEDLE SAFETY APPARATUS AND METHODS	Patient Monitoring & Recovery - PMR - Mansfield | Needles & Syringes | Other Needles & Syringes	Thorne, David (MITG-DLT)
S-8486JP1DIV	JP	2009-43379	4889755	2009-112845	09/10/1997	09/03/1998	12/22/2011	09/03/2018	Divisional	Active	Issued	Covidien LP	Covidien LP	SAFETY DEVICE FOR MEDICAL INJECTION NEEDLE	Patient Monitoring & Recovery - PMR - Mansfield | Needles & Syringes | Other Needles & Syringes	Thorne, David (MITG-DLT)
S-8486LU	LU	98945905.2	1011759B	EPA1011759	09/10/1997	09/03/1998	11/23/2005	09/03/2018	National Stage	Active	Issued	Covidien LP	Covidien LP	MEDICAL NEEDLE SAFETY APPARATUS AND METHODS	Patient Monitoring & Recovery - PMR - Mansfield | Needles & Syringes | Other Needles & Syringes	Thorne, David (MITG-DLT)
S-8486MX	MX	PA/a/2000/002067	226332		09/10/1997	09/03/1998	02/16/2005	09/03/2018	National Stage	Active	Issued	Covidien LP	Covidien LP	MEDICAL NEEDLE SAFETY APPARATUS AND METHODS	Patient Monitoring & Recovery - PMR - Mansfield | Needles & Syringes | Other Needles & Syringes	Thorne, David (MITG-DLT)
S-8486NL	NL	98945905.2	1011759B	EPA1011759	09/10/1997	09/03/1998	11/23/2005	09/03/2018	National Stage	Active	Issued	Covidien LP	Covidien LP	MEDICAL NEEDLE SAFETY APPARATUS AND METHODS	Patient Monitoring & Recovery - PMR - Mansfield | Needles & Syringes | Other Needles & Syringes	Thorne, David (MITG-DLT)
S-8486NO	NO	20001236	326047		09/10/1997	09/03/1998	09/08/2008	09/03/2018	National Stage	Active	Issued	Covidien LP	Covidien LP	MEDICAL NEEDLE SAFETY APPARATUS AND METHODS	Patient Monitoring & Recovery - PMR - Mansfield | Needles & Syringes | Other Needles & Syringes	Thorne, David (MITG-DLT)

PATENT
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Matter #	Country	App #	Patent #	Pub #	Priority Date	App Date	Issue Date	Expiration Date	Matter Sub-Type	Status	Sub Status	Current Owner	Assignee	Title	Business Classification	Inventors
S-8486NZ	NZ	503865	503865		09/10/1997	09/03/1998	08/07/2003	09/03/2018	National Stage	Active	Issued	Covidien LP	Covidien LP	MEDICAL NEEDLE SAFETY APPARATUS AND METHODS	Patient Monitoring & Recovery - PMR - Mansfield | Needles & Syringes | Other Needles & Syringes	Thorne, David (MITG-DLT)
S-8486PT	PT	98945905.2	1011759B	EPA1011759	09/10/1997	09/03/1998	11/23/2005	09/03/2018	National Stage	Active	Issued	Covidien LP	Covidien LP	MEDICAL NEEDLE SAFETY APPARATUS AND METHODS	Patient Monitoring & Recovery - PMR - Mansfield | Needles & Syringes | Other Needles & Syringes	Thorne, David (MITG-DLT)
S-8486SE	SE	98945905.2	1011759B	EPA1011759	09/10/1997	09/03/1998	11/23/2005	09/03/2018	National Stage	Active	Issued	Covidien LP	Covidien LP	MEDICAL NEEDLE SAFETY APPARATUS AND METHODS	Patient Monitoring & Recovery - PMR - Mansfield | Needles & Syringes | Other Needles & Syringes	Thorne, David (MITG-DLT)
S-8486SG	SG	200000542-1	70787		09/10/1997	09/03/1998	06/30/2003	09/03/2018	National Stage	Active	Issued	Covidien LP	Covidien LP	MEDICAL NEEDLE SAFETY APPARATUS AND METHODS	Patient Monitoring & Recovery - PMR - Mansfield | Needles & Syringes | Other Needles & Syringes	Thorne, David (MITG-DLT)
S-8486TW	TW	87114869	115678	390818	09/10/1997	08/29/1998	05/21/2000	09/03/2018	Utility	Active	Issued Dropped	Covidien LP	Covidien LP	MEDICAL NEEDLE SAFETY APPARATUS AND METHODS	Patient Monitoring & Recovery - PMR - Mansfield | Needles & Syringes | Other Needles & Syringes	Thorne, David (MITG-DLT)
S-8491US	US	09/619190	6592556		07/19/2000	07/19/2000	07/15/2003	07/19/2020	Utility	Active	Issued	Covidien LP	Covidien LP	MEDICAL NEEDLE SAFETY APPARATUS AND METHODS	Patient Monitoring & Recovery - PMR - Mansfield | Needles & Syringes | Other Needles & Syringes	Thorne, David (MITG-DLT)
H-KN-00816CA	CA	2588719		2588719	09/28/2007	09/15/2008			Utility	Active	Allowed Dropped	Covidien LP	Covidien LP	Physiological Sensor Placement and Signal Transmission Device	Patient Monitoring & Recovery - PMR - Mansfield | Monitoring & Operating Room | Other MORP	Tremblay, Kathleen (trembk1)
H-KN-00816US1	US	13/424653	8798708	20130072777	09/28/2007	03/20/2012	08/05/2014	09/28/2027	Continuation	Active	Issued	Covidien LP	Covidien LP	Physiological Sensor Placement and Signal Transmission Device	Patient Monitoring & Recovery - PMR - Mansfield | Monitoring & Operating Room | Other MORP	Tremblay, Kathleen (trembk1)
H-KN-02206DE01	DE	12769238.2	60 2012 013 703.7	EP2760521	09/26/2011	09/14/2012	01/06/2016	09/14/2032	National Stage	Active	Issued	Covidien LP	Covidien LP	Safety IV Catheter and Needle Assembly	Patient Monitoring & Recovery - PMR - Mansfield | Intravenous Access/Prefill | Other Intravenous Access/Prefill	Tremblay, Kathleen (trembk1)
H-KN-02206FR01	FR	12769238.2	2760521	EP2760521	09/26/2011	09/14/2012	01/06/2016	09/14/2032	National Stage	Active	Issued	Covidien LP	Covidien LP	Safety IV Catheter and Needle Assembly	Patient Monitoring & Recovery - PMR - Mansfield | Intravenous Access/Prefill | Other Intravenous Access/Prefill	Tremblay, Kathleen (trembk1)
H-KN-02206GB01	GB	12769238.2	2760521	EP2760521	09/26/2011	09/14/2012	01/06/2016	09/14/2032	National Stage	Active	Issued	Covidien LP	Covidien LP	Safety IV Catheter and Needle Assembly	Patient Monitoring & Recovery - PMR - Mansfield | Intravenous Access/Prefill | Other Intravenous Access/Prefill	Tremblay, Kathleen (trembk1)
H-KN-02206US1	US	13/616464	8715250	20130245567	09/26/2011	09/14/2012	05/06/2014	09/14/2032	Utility	Active	Issued	Covidien LP	Covidien LP	Safety Catheter and Needle Assembly	Patient Monitoring & Recovery - PMR - Mansfield | Intravenous Access/Prefill | Other Intravenous Access/Prefill	Tremblay, Kathleen (trembk1)
H-KN-02206US2	US	14/251877	9,375,552	20140343513	09/26/2011	04/14/2014	06/28/2016	09/14/2032	Continuation	Active	Issued	Covidien LP	Covidien LP	Safety Needle Assembly	Patient Monitoring & Recovery - PMR - Mansfield | Intravenous Access/Prefill | Other Intravenous Access/Prefill	Tremblay, Kathleen (trembk1)
H-KN-00206MX	MX	MX/a/2007/002229	282403		02/24/2006	02/23/2007	12/21/2010	02/23/2027	Utility	Active	Issued	Covidien LP	Covidien LP	Urine Collection System with Needleless Sampling Port	Patient Monitoring & Recovery - PMR - Mansfield | Urology | Other Urology	Tully, Stephen (tullys2); Salvadori, Lawrence (MITG-LAS3)
H-KN-00208CA	CA	2579895	2579895	2579895	02/24/2006	02/23/2007	06/30/2015	02/23/2027	Utility	Active	Issued	Covidien LP	Covidien LP	URINE METER WITH IMPORVED DRAIN CONSTRUCTION	Patient Monitoring & Recovery - PMR - Mansfield | Urology | Other Urology	Tully, Stephen (tullys2); Salvadori, Lawrence (MITG-LAS3)
H-KN-00208CN	CN	200710103550.6	Z200710103550.6	CN101040823A	02/24/2006	02/25/2007	09/05/2012	02/25/2027	Utility	Active	Issued	Covidien LP	Covidien LP	Urine Meter with Improved Drain Construction	Patient Monitoring & Recovery - PMR - Mansfield | Urology | Other Urology	Tully, Stephen (tullys2); Salvadori, Lawrence (MITG-LAS3)
H-KN-00208DE	DE	07250781.7	1825836	1825836	02/24/2006	02/23/2007	08/31/2011	02/23/2027	National Stage	Active	Issued	Covidien LP	Covidien LP	Urine Collection Meter with Improved Drain Construction	Patient Monitoring & Recovery - PMR - Mansfield | Urology | Other Urology	Tully, Stephen (tullys2); Salvadori, Lawrence (MITG-LAS3)
H-KN-00208ES	ES	07250781.7	1825836	1825836	02/24/2006	02/23/2007	08/31/2011	02/23/2027	National Stage	Active	Issued	Covidien LP	Covidien LP	Urine Collection Meter with Improved Drain Construction	Patient Monitoring & Recovery - PMR - Mansfield | Urology | Other Urology	Tully, Stephen (tullys2); Salvadori, Lawrence (MITG-LAS3)
H-KN-00208FR	FR	07250781.7	1825836	1825836	02/24/2006	02/23/2007	08/31/2011	02/23/2027	National Stage	Active	Issued	Covidien LP	Covidien LP	Urine Collection Meter with Improved Drain Construction	Patient Monitoring & Recovery - PMR - Mansfield | Urology | Other Urology	Tully, Stephen (tullys2); Salvadori, Lawrence (MITG-LAS3)
H-KN-00208GB	GB	07250781.7	1825836	1825836	02/24/2006	02/23/2007	08/31/2011	02/23/2027	National Stage	Active	Issued	Covidien LP	Covidien LP	Urine Collection Meter with Improved Drain Construction	Patient Monitoring & Recovery - PMR - Mansfield | Urology | Other Urology	Tully, Stephen (tullys2); Salvadori, Lawrence (MITG-LAS3)
H-KN-00208IT	IT	07250781.7	1825836	1825836	02/24/2006	02/23/2007	08/31/2011	02/23/2027	National Stage	Active	Issued	Covidien LP	Covidien LP	Urine Collection Meter with Improved Drain Construction	Patient Monitoring & Recovery - PMR - Mansfield | Urology | Other Urology	Tully, Stephen (tullys2); Salvadori, Lawrence (MITG-LAS3)
H-KN-00208MX	MX	MX/a/2007/002230	290246		02/24/2006	02/23/2007	09/19/2011	02/23/2027	Utility	Active	Issued	Covidien LP	Covidien LP	URINE METER WITH IMPROVED DRAIN CONSTRUCTION	Patient Monitoring & Recovery - PMR - Mansfield | Urology | Other Urology	Tully, Stephen (tullys2); Salvadori, Lawrence (MITG-LAS3)
H-KN-00208PL	PL	07250781.7	1825836	1825836	02/24/2006	02/23/2007	08/31/2011	02/23/2027	National Stage	Active	Issued	Covidien LP	Covidien LP	Urine Collection Meter with Improved Drain Construction	Patient Monitoring & Recovery - PMR - Mansfield | Urology | Other Urology	Tully, Stephen (tullys2); Salvadori, Lawrence (MITG-LAS3)
H-KN-00208US	US	11/362659	8328734	20070213639A1	02/24/2006	02/24/2006	12/11/2012	06/05/2030	Utility	Active	Issued	Covidien LP	Covidien LP	URINE METER WITH IMPROVED DRAIN CONSTRUCTION	Patient Monitoring & Recovery - PMR - Mansfield | Urology | Other Urology	Tully, Stephen (tullys2); Salvadori, Lawrence (MITG-LAS3)
H-KN-00444NZ01	NZ	587702	587702		04/11/2006	04/10/2007	04/04/2013	04/04/2027	Divisional	Active	Issued Dropped	Covidien LP	Covidien LP	Adjustable Drain Loop for Urine Collection System	Patient Monitoring & Recovery - PMR - Mansfield | Urology | Other Urology	Tully, Stephen (tullys2); Salvadori, Lawrence (MITG-LAS3)
H-KN-00444TW	TW	096113530	I377980	200746860	04/11/2006	04/10/2007	05/21/2012	04/04/2027	Utility	Active	Issued Dropped	Covidien LP	Covidien LP	Adjustable Drain Loop for Urine Collection System	Patient Monitoring & Recovery - PMR - Mansfield | Urology | Other Urology	Tully, Stephen (tullys2); Salvadori, Lawrence (MITG-LAS3)
H-KN-00444US1	US	12/274936	8333745	2009-0082742-A1	04/11/2006	11/20/2008	12/18/2012	06/05/2028	Divisional	Active	Issued	Covidien LP	Covidien LP	Adjustable Drain Loop for Urine Collection System	Patient Monitoring & Recovery - PMR - Mansfield | Urology | Other Urology	Tully, Stephen (tullys2); Salvadori, Lawrence (MITG-LAS3)
H-KN-01012AU	AU	2009202540	2009202540		08/07/2008	06/24/2009	08/07/2014	06/24/2029	Utility	Active	Issued	Covidien LP	Covidien LP	ANTI-REFLUX MECHANISM FOR URINE COLLECTION SYSTEMS	Patient Monitoring & Recovery - PMR - Mansfield | Urology | Other Urology	Tully, Stephen (tullys2); Salvadori, Lawrence (MITG-LAS3); Fontaine, Chelsey (MITG-CNF)
H-KN-01012AU01	AU	2014203149	2014203149		08/07/2008	06/24/2009	03/10/2016	06/24/2029	Divisional	Active	Issued	Covidien LP	Covidien LP	Anti-Reflux Mechanism for Urine Collection Systems	Patient Monitoring & Recovery - PMR - Mansfield | Urology | Other Urology	Tully, Stephen (tullys2); Salvadori, Lawrence (MITG-LAS3); Fontaine, Chelsey (MITG-CNF)
H-KN-01012CA	CA	2669238		2669238	08/07/2008	06/17/2009			Utility	Active	Allowed	Covidien LP	Covidien LP	ANTI-REFLUX MECHANISM FOR URINE COLLECTION SYSTEMS	Patient Monitoring & Recovery - PMR - Mansfield | Urology | Other Urology	Tully, Stephen (tullys2); Salvadori, Lawrence (MITG-LAS3); Fontaine, Chelsey (MITG-CNF)

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Matter #	Country	App #	Patent #	Pub #	Priority Date	App Date	Issue Date	Expiration Date	Matter Sub-Type	Status	Sub Status	Current Owner	Assignee	Title	Business Classification	Inventors
H-KN-01012CNDIV	CN	201310057308.5	ZL201310057308.5	103284828	08/07/2008	08/03/2009	08/19/2015	08/03/2029	Divisional	Active	Issued	Covidien LP	Covidien LP	ANTI-REFLUX MECHANISM FOR URINE COLLECTION SYSTEMS	Patient Monitoring & Recovery - PMR - Mansfield | Urology | Other Urology	Tully, Stephen (tullys2); Salvadori, Lawrence (MITG-LAS3); Fontaine, Chelsey (MITG-CNF)
H-KN-01012DE	DE	09251590.7	602009006120.8	2151218	08/07/2008	06/18/2009	03/28/2012	06/18/2029	National Stage	Active	Issued	Covidien LP	Covidien LP	ANTI-REFLUX MECHANISM FOR URINE COLLECTION SYSTEMS	Patient Monitoring & Recovery - PMR - Mansfield | Urology | Other Urology	Tully, Stephen (tullys2); Salvadori, Lawrence (MITG-LAS3); Fontaine, Chelsey (MITG-CNF)
H-KN-01012ES	ES	09251590.7	2151218	2151218	08/07/2008	06/18/2009	03/28/2012	06/18/2029	National Stage	Active	Issued	Covidien LP	Covidien LP	ANTI-REFLUX MECHANISM FOR URINE COLLECTION SYSTEMS	Patient Monitoring & Recovery - PMR - Mansfield | Urology | Other Urology	Tully, Stephen (tullys2); Salvadori, Lawrence (MITG-LAS3); Fontaine, Chelsey (MITG-CNF)
H-KN-01012FR	FR	09251590.7	2151218	2151218	08/07/2008	06/18/2009	03/28/2012	06/18/2029	National Stage	Active	Issued	Covidien LP	Covidien LP	ANTI-REFLUX MECHANISM FOR URINE COLLECTION SYSTEMS	Patient Monitoring & Recovery - PMR - Mansfield | Urology | Other Urology	Tully, Stephen (tullys2); Salvadori, Lawrence (MITG-LAS3); Fontaine, Chelsey (MITG-CNF)
H-KN-01012GB	GB	09251590.7	2151218	2151218	08/07/2008	06/18/2009	03/28/2012	06/18/2029	National Stage	Active	Issued	Covidien LP	Covidien LP	ANTI-REFLUX MECHANISM FOR URINE COLLECTION SYSTEMS	Patient Monitoring & Recovery - PMR - Mansfield | Urology | Other Urology	Tully, Stephen (tullys2); Salvadori, Lawrence (MITG-LAS3); Fontaine, Chelsey (MITG-CNF)
H-KN-01012IT	IT	09251590.7	2151218	2151218	08/07/2008	06/18/2009	03/28/2012	06/18/2029	National Stage	Active	Issued	Covidien LP	Covidien LP	ANTI-REFLUX MECHANISM FOR URINE COLLECTION SYSTEMS	Patient Monitoring & Recovery - PMR - Mansfield | Urology | Other Urology	Tully, Stephen (tullys2); Salvadori, Lawrence (MITG-LAS3); Fontaine, Chelsey (MITG-CNF)
H-KN-01012JP	JP	2009-150510	5322803	2010-38909	08/07/2008	06/25/2009	07/26/2013	06/25/2029	Utility	Active	Issued	Covidien LP	Covidien LP	ANTI-REFLUX MECHANISM FOR URINE COLLECTION SYSTEMS	Patient Monitoring & Recovery - PMR - Mansfield | Urology | Other Urology	Tully, Stephen (tullys2); Salvadori, Lawrence (MITG-LAS3); Fontaine, Chelsey (MITG-CNF)
H-KN-01012JP1	JP	2013-117068	5758439	2013-178276	08/07/2008	06/25/2009	06/12/2015	06/25/2029	Divisional	Active	Issued	Covidien LP	Covidien LP	ANTI-REFLUX MECHANISM FOR URINE COLLECTION SYSTEMS	Patient Monitoring & Recovery - PMR - Mansfield | Urology | Other Urology	Tully, Stephen (tullys2); Salvadori, Lawrence (MITG-LAS3); Fontaine, Chelsey (MITG-CNF)
H-KN-01012MX	MX	MX/a/2009/007225	300664		08/07/2008	07/02/2009	06/25/2012	07/02/2029	Utility	Active	Issued	Covidien LP	Covidien LP	ANTI-REFLUX MECHANISM FOR URINE COLLECTION SYSTEMS	Patient Monitoring & Recovery - PMR - Mansfield | Urology | Other Urology	Tully, Stephen (tullys2); Salvadori, Lawrence (MITG-LAS3); Fontaine, Chelsey (MITG-CNF)
H-KN-01012US	US	12/187620	8357105	2010036283	08/07/2008	08/07/2008	01/22/2013	08/25/2029	Utility	Active	Issued	Covidien LP	Covidien LP	Anti-Reflux Mechanism for Urine Collection Systems	Patient Monitoring & Recovery - PMR - Mansfield | Urology | Other Urology	Tully, Stephen (tullys2); Salvadori, Lawrence (MITG-LAS3); Fontaine, Chelsey (MITG-CNF)
H-KN-01012US02	US	14/308953	9050046	20140289940	08/07/2008	06/19/2014	06/09/2015	08/07/2028	Continuation	Active	Issued	Covidien LP	Covidien LP	Anti-Reflux Mechanism for Urine Collection Systems	Patient Monitoring & Recovery - PMR - Mansfield | Urology | Other Urology	Tully, Stephen (tullys2); Salvadori, Lawrence (MITG-LAS3); Fontaine, Chelsey (MITG-CNF)
H-KN-01012US1	US	13/743526	8790277	20130303943	08/07/2008	01/17/2013	07/29/2014	08/07/2028	Continuation	Active	Issued	Covidien LP	Covidien LP	Anti-Reflux Mechanism for Urine Collection Systems	Patient Monitoring & Recovery - PMR - Mansfield | Urology | Other Urology	Tully, Stephen (tullys2); Salvadori, Lawrence (MITG-LAS3); Fontaine, Chelsey (MITG-CNF)
H-KN-01012ZA	ZA	2009/04476	2009/04476		08/07/2008	08/25/2008	03/30/2011	06/25/2029	Utility	Active	Issued; Dropped	Covidien LP	Covidien LP	ANTI-REFLUX MECHANISM FOR URINE COLLECTION SYSTEMS	Patient Monitoring & Recovery - PMR - Mansfield | Urology | Other Urology	Tully, Stephen (tullys2); Salvadori, Lawrence (MITG-LAS3); Fontaine, Chelsey (MITG-CNF)
H-KN-01508CN	CN	201110270616.7	ZL201110270616.7	CN102431715A	09/14/2010	09/14/2011	01/07/2015	09/14/2031	Utility	Active	Issued	Covidien LP	Covidien LP	Hardpack Needle Packages Laser Heat Seal	Patient Monitoring & Recovery - PMR - Mansfield | Custom Product Solutions | Other CPS	Tumminello, Santo (tummis1); Parker, Jonathan (MITG-JGP)
H-KN-01508IN	IN	2502/DEL/2011			09/14/2010	09/01/2011			Utility	Active	Filed	Covidien LP	Covidien LP	Hardpack Needle Packages Laser Heat Seal	Patient Monitoring & Recovery - PMR - Mansfield | Custom Product Solutions | Other CPS	Tumminello, Santo (tummis1); Parker, Jonathan (MITG-JGP)
H-KN-01508JP	JP	2011-194162	5296853	2012-62118	09/14/2010	09/06/2011	06/21/2013	09/06/2031	Utility	Active	Issued	Covidien LP	Covidien LP	Hardpack Needle Packages Laser Heat Seal	Patient Monitoring & Recovery - PMR - Mansfield | Custom Product Solutions | Other CPS	Tumminello, Santo (tummis1); Parker, Jonathan (MITG-JGP)
H-KN-01508US1	US	13/858979		20130270137	09/14/2010	04/09/2013			Divisional	Active	Published	Covidien LP	Covidien LP	Hardpack Needle Package Laser Heat Seal	Patient Monitoring & Recovery - PMR - Mansfield | Custom Product Solutions | Other CPS	Tumminello, Santo (tummis1); Parker, Jonathan (MITG-JGP)
H-KN-00552MX	MX	MX/a/2007/015034	288064		12/20/2006	11/29/2007	07/05/2011	11/29/2027	Utility	Active	Issued	Covidien LP	Covidien LP	Apparatus and Method for Making Bag Assembly	Patient Monitoring & Recovery - PMR - Mansfield | Vascular Compression	Vess, Mark (MITG-MAV3)
H-KN-00552US	US	11/613694	7964829	20080149609	12/20/2006	12/20/2006	06/21/2011	02/24/2030	Utility	Active	Issued	Covidien LP	Covidien LP	Apparatus and Method for Making Bag Assembly	Patient Monitoring & Recovery - PMR - Mansfield | Vascular Compression	Vess, Mark (MITG-MAV3)
H-KN-00552US1	US	13/112237	8362396	20110220540	12/20/2006	05/20/2011	01/29/2013	12/20/2026	Continuation	Active	Issued	Covidien LP	Covidien LP	Apparatus and Method for Making Bag Assembly	Patient Monitoring & Recovery - PMR - Mansfield | Vascular Compression	Vess, Mark (MITG-MAV3)
H-KN-00610US	US	12/486467	8151851	20100319846	06/17/2009	06/17/2009	04/10/2012	03/24/2030	Utility	Active	Issued	Covidien LP	Covidien LP	Apparatus for Making Bag Assembly and Method Thereof	Patient Monitoring & Recovery - PMR - Mansfield | Vascular Compression	Vess, Mark (MITG-MAV3)
H-KN-00610US1	US	13/412677	8573274	20120160421	06/17/2009	03/06/2012	11/05/2013	06/17/2029	Continuation	Active	Issued	Covidien LP	Covidien LP	Apparatus for Making Bag Assembly	Patient Monitoring & Recovery - PMR - Mansfield | Vascular Compression	Vess, Mark (MITG-MAV3)
H-KN-00610US2	US	13/412681	8574390	20120160407	06/17/2009	03/06/2012	11/05/2013	06/17/2029	Divisional	Active	Issued	Covidien LP	Covidien LP	Apparatus for Making Bag Assembly	Patient Monitoring & Recovery - PMR - Mansfield | Vascular Compression	Vess, Mark (MITG-MAV3)
H-KN-00834US	US	12/241936	8535253	20100081977	09/30/2008	09/30/2008	09/17/2013	08/25/2031	Utility	Active	Issued	Covidien LP	Covidien LP	Tubeless Compression Device	Patient Monitoring & Recovery - PMR - Mansfield | Vascular Compression	Vess, Mark (MITG-MAV3)
H-KN-00834US1	US	13/685786	9,433,532	20130331752	09/30/2008	11/27/2012	09/06/2016	09/21/2029	Continuation	Active	Issued	Covidien LP	Covidien LP	Tubeless Compression Device	Patient Monitoring & Recovery - PMR - Mansfield | Vascular Compression	Vess, Mark (MITG-MAV3)
H-KN-00920AU	AU	2009202620	2009202620		07/01/2008	06/29/2009	03/06/2014	06/29/2029	Utility	Active	Issued	Covidien LP	Covidien LP	Inflatable Member For Compressions Foot Cuff	Patient Monitoring & Recovery - PMR - Mansfield | Vascular Compression	Vess, Mark (MITG-MAV3)
H-KN-00920DE	DE	09164111.8	602009027820.7		07/01/2008	06/30/2009	11/19/2014	06/30/2029	National Stage	Active	Issued	Covidien LP	Covidien LP	Inflatable Member For Compression Foot Cuff	Patient Monitoring & Recovery - PMR - Mansfield | Vascular Compression	Vess, Mark (MITG-MAV3)
H-KN-00920DEDIV	DE	10174333.4	602009035913.4		07/01/2008	06/30/2009	01/13/2016	06/30/2029	National Stage	Active	Issued	Covidien LP	Covidien LP	Inflatable Member For Compression Foot Cuff	Patient Monitoring & Recovery - PMR - Mansfield | Vascular Compression	Vess, Mark (MITG-MAV3)
H-KN-00920EP	EP	09164111.8	2140850	2140850	07/01/2008	06/30/2009	11/19/2014	06/30/2029	Utility	Active	Issued	Covidien LP	Covidien LP	Inflatable Member For Compression Foot Cuff	Patient Monitoring & Recovery - PMR - Mansfield | Vascular Compression	Vess, Mark (MITG-MAV3)
H-KN-00920EPDIV	EP	10174333.4	2248506	2248506	07/01/2008	06/30/2009	01/13/2016	06/30/2029	Divisional	Active	Issued	Covidien LP	Covidien LP	Inflatable Member For Compression Foot Cuff	Patient Monitoring & Recovery - PMR - Mansfield | Vascular Compression	Vess, Mark (MITG-MAV3)
H-KN-00920GB	GB	09164111.8	2140850		07/01/2008	06/30/2009	11/19/2014	06/30/2029	National Stage	Active	Issued	Covidien LP	Covidien LP	Inflatable Member For Compression Foot Cuff	Patient Monitoring & Recovery - PMR - Mansfield | Vascular Compression	Vess, Mark (MITG-MAV3)
H-KN-00920GBDIV	GB	10174333.4	2248506		07/01/2008	06/30/2009	01/13/2016	06/30/2029	National Stage	Active	Issued	Covidien LP	Covidien LP	Inflatable Member For Compression Foot Cuff	Patient Monitoring & Recovery - PMR - Mansfield | Vascular Compression	Vess, Mark (MITG-MAV3)
H-KN-00920US	US	12/166072	8636678	2010-0004575-A1	07/01/2008	07/01/2008	01/28/2014	11/06/2032	Utility	Active	Issued	Covidien LP	Covidien LP	Inflatable Member for Compression Foot Cuff	Patient Monitoring & Recovery - PMR - Mansfield | Vascular Compression	Vess, Mark (MITG-MAV3)
H-KN-00990US	US	12/486533	8502121	20100320193	06/17/2009	06/17/2009	08/06/2013	06/06/2032	Utility	Active	Issued	Covidien LP	Covidien LP	Radiofrequency Welding Apparatus	Patient Monitoring & Recovery - PMR - Mansfield | Vascular Compression	Vess, Mark (MITG-MAV3)
H-KN-00994US	US	12/241670	8177734	20100081974	09/30/2008	09/30/2008	05/15/2012	01/29/2031	Utility	Active	Issued	Covidien LP	Covidien LP	Portable Controller Unit for a Compression Device	Patient Monitoring & Recovery - PMR - Mansfield | Vascular Compression	Vess, Mark (MITG-MAV3)

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Matter #	Country	App #	Patent #	Pub #	Priority Date	App Date	Issue Date	Expiration Date	Matter Sub-Type	Status	Sub Status	Current Owner	Assignee	Title	Business Classification	Inventors
H-KN-01386US	US	12/699610	8257289	2011-0190675	02/03/2010	02/03/2010	09/04/2012	03/03/2031	Utility	Active	Issued	Covidien LP	Covidien LP	Fitting of Compression Garment	Patient Monitoring & Recovery - PMR - Mansfield | Vascular Compression	Vess, Mark (MITG-MAV3)
H-KN-00655AU	AU	2007216744		2007216744	09/12/2006	09/12/2007			Utility	Active	Published	Covidien LP	Covidien LP	Thin Film Dressing	Patient Monitoring & Recovery - PMR - Mansfield | Wound Care | Other Wound Care	Vitaris, Ronald (MITG-RFV)
H-KN-00655CA	CA	2600249	2600249	2600249	09/12/2006	09/06/2007	05/20/2014	09/06/2027	Utility	Active	Issued	Covidien LP	Covidien LP	THIN FILM DRESSING	Patient Monitoring & Recovery - PMR - Mansfield | Wound Care | Other Wound Care	Vitaris, Ronald (MITG-RFV)
H-KN-00655CN	CN	200710306193.3	ZL200710306193.3	CN101279102A	09/12/2006	09/12/2007	06/05/2013	09/12/2027	Utility	Active	Issued	Covidien LP	Covidien LP	Thin Film Dressing	Patient Monitoring & Recovery - PMR - Mansfield | Wound Care | Other Wound Care	Vitaris, Ronald (MITG-RFV)
H-KN-00655DE	DE	07253576.8	602007026962.8	1900348	09/12/2006	09/10/2007	11/28/2012	09/10/2027	National Stage	Active	Issued	Covidien LP	Covidien LP	Thin Film Dressing	Patient Monitoring & Recovery - PMR - Mansfield | Wound Care | Other Wound Care	Vitaris, Ronald (MITG-RFV)
H-KN-00655ES	ES	07253576.8	1900348	1900348	09/12/2006	09/10/2007	11/28/2012	09/10/2027	National Stage	Active	Issued	Covidien LP	Covidien LP	Thin Film Dressing	Patient Monitoring & Recovery - PMR - Mansfield | Wound Care | Other Wound Care	Vitaris, Ronald (MITG-RFV)
H-KN-00655FR	FR	07253576.8	1900348	1900348	09/12/2006	09/10/2007	11/28/2012	09/10/2027	National Stage	Active	Issued	Covidien LP	Covidien LP	Thin Film Dressing	Patient Monitoring & Recovery - PMR - Mansfield | Wound Care | Other Wound Care	Vitaris, Ronald (MITG-RFV)
H-KN-00655GB	GB	07253576.8	1900348	1900348	09/12/2006	09/10/2007	11/28/2012	09/10/2027	National Stage	Active	Issued	Covidien LP	Covidien LP	Thin Film Dressing	Patient Monitoring & Recovery - PMR - Mansfield | Wound Care | Other Wound Care	Vitaris, Ronald (MITG-RFV)
H-KN-00655HK	HK	09102373.4	1124795	1124795A	09/12/2006	03/12/2009	03/21/2014	03/12/2029	National Stage	Active	Issued	Covidien LP	Covidien LP	Thin Film Dressing	Patient Monitoring & Recovery - PMR - Mansfield | Wound Care | Other Wound Care	Vitaris, Ronald (MITG-RFV)
H-KN-00655JP	JP	2007-235903	5296356	2008-68090	09/12/2006	09/11/2007	06/21/2013	09/11/2027	Utility	Active	Issued	Covidien LP	Covidien LP	Thin Film Dressing Material	Patient Monitoring & Recovery - PMR - Mansfield | Wound Care | Other Wound Care	Vitaris, Ronald (MITG-RFV)
H-KN-00655MX	MX	MX/a/2007/011157	317065		09/12/2006	09/11/2007	01/13/2014	09/11/2027	Utility	Active	Issued	Covidien LP	Covidien LP	THIN FILM DRESSING.	Patient Monitoring & Recovery - PMR - Mansfield | Wound Care | Other Wound Care	Vitaris, Ronald (MITG-RFV)
H-KN-00655NZ	NZ	561291	561291	1554	09/12/2006	09/07/2007	04/09/2009	09/07/2027	Utility	Active	Issued	Covidien LP	Covidien LP	Thin Film Dressing	Patient Monitoring & Recovery - PMR - Mansfield | Wound Care | Other Wound Care	Vitaris, Ronald (MITG-RFV)
H-KN-01054AU	AU	2010200567	2010200567		02/17/2009	02/16/2010	01/30/2014	02/16/2030	Utility	Active	Issued	Covidien LP	Covidien LP	PORTABLE AND PROGRAMMABLE MEDICAL DEVICE SYSTEM	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Feeding	Waldhoff, Gary (waldhg1); Dorsey, Michael (dorsem1)
H-KN-01054CA	CA	2692119	2692119	2692119	02/17/2009	02/08/2010	05/14/2013	02/08/2030	Utility	Active	Issued	Covidien LP	Covidien LP	PORTABLE AND PROGRAMMABLE MEDICAL DEVICE SYSTEM	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Feeding	Waldhoff, Gary (waldhg1); Dorsey, Michael (dorsem1)
H-KN-01054CN	CN	201010142023.8	ZL201010142023.8	CN101833290A	02/17/2009	02/11/2010	05/28/2014	02/11/2030	Utility	Active	Issued	Covidien LP	Covidien LP	PORTABLE AND PROGRAMMABLE MEDICAL DEVICE SYSTEM	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Feeding	Waldhoff, Gary (waldhg1); Dorsey, Michael (dorsem1)
H-KN-01054US	US	12/372395	7873772	20100211713	02/17/2009	02/17/2009	01/18/2011	03/24/2029	Utility	Active	Issued	Covidien LP	Covidien LP	Portable and Programmable Medical Device	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Feeding	Waldhoff, Gary (waldhg1); Dorsey, Michael (dorsem1)
H-KN-01054US1	US	12/894731	8051236	20110022762	02/17/2009	09/30/2010	11/01/2011	02/17/2029	Continuation	Active	Issued	Covidien LP	Covidien LP	Portable and Magnetically Programmable Medical Device System	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Feeding	Waldhoff, Gary (waldhg1); Dorsey, Michael (dorsem1)
H-KN-01054US2	US	12/894759	8055830	20110022763	02/17/2009	09/30/2010	11/08/2011	02/17/2029	Continuation	Active	Issued	Covidien LP	Covidien LP	Portable and Light Programmable Medical Device System	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Feeding	Waldhoff, Gary (waldhg1); Dorsey, Michael (dorsem1)
H-KN-00634CA	CA	2613866	2613866	2613866	12/11/2006	12/10/2007	02/01/2011	12/10/2027	Utility	Active	Issued	Covidien LP	Covidien LP	Pump Set and Pump With Electromagnetic Radiation Operated Interlock	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Feeding	Waldhoff, Gary (waldhg1); Forrest, Jeffrey (MITG-JEF); Bisch, Michael (MITG-MEB4); Price, Jeffrey (MITG-JEP2)
H-KN-00634US	US	11/609234	7560686	20080135725	12/11/2006	12/11/2006	07/14/2009	05/19/2027	Utility	Active	Issued	Covidien LP	Covidien LP	Pump Set and Pump With Electromagnetic Radiation Operated Interlock	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Feeding	Waldhoff, Gary (waldhg1); Forrest, Jeffrey (MITG-JEF); Bisch, Michael (MITG-MEB4); Price, Jeffrey (MITG-JEP2)
H-KN-00634US1	US	12/494040	8053721	20090264824	12/11/2006	06/29/2009	11/08/2011	12/11/2026	Continuation	Active	Issued	Covidien LP	Covidien LP	Pump Set and Pump With Electromagnetic Radiation Operated Interlock	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Feeding	Waldhoff, Gary (waldhg1); Forrest, Jeffrey (MITG-JEF); Bisch, Michael (MITG-MEB4); Price, Jeffrey (MITG-JEP2)
H-KN-02696CA	CA	2884437			09/13/2012	09/13/2013			National Stage	Active	Filed	Covidien LP	Covidien LP	DOCKING STATION FOR ENTERAL FEEDING PUMP	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Feeding	Waldhoff, Gary (waldhg1); Harr, James (harrj1); Mchugh, Gabriel (mchugg5); Trelford, Lester (trelfl1); Prows, Dennis (MITG-DSP1)
H-KN-02696EP	EP	13774534.5		2895975	09/13/2012	09/13/2013			National Stage	Active	Published	Covidien LP	Covidien LP	Docking Station For Enteral Feeding Pump	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Feeding	Waldhoff, Gary (waldhg1); Harr, James (harrj1); Mchugh, Gabriel (mchugg5); Trelford, Lester (trelfl1); Prows, Dennis (MITG-DSP1)
H-KN-02696MX	MX	MX/a/2015/003087			09/13/2012	09/13/2013			National Stage	Active	Filed	Covidien LP	Covidien LP	Docking Station For Enteral Feeding Pump	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Feeding	Waldhoff, Gary (waldhg1); Harr, James (harrj1); Mchugh, Gabriel (mchugg5); Trelford, Lester (trelfl1); Prows, Dennis (MITG-DSP1)
H-KN-02696US1	US	14/152131		20150305073	09/13/2012	09/13/2013			Utility	Active	Published	Covidien LP	Covidien LP	Docking Station For An Enteral Feeding Pump	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Feeding	Waldhoff, Gary (waldhg1); Harr, James (harrj1); Mchugh, Gabriel (mchugg5); Trelford, Lester (trelfl1); Prows, Dennis (MITG-DSP1)

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Matter #	Country	App #	Patent #	Pub #	Priority Date	App Date	Issue Date	Expiration Date	Matter Sub-Type	Status	Sub Status	Current Owner	Assignee	Title	Business Classification	Inventors
H-KN-02944US	US	29/466985	D746441		09/13/2013	09/13/2013	12/29/2015	12/29/2029	Design	Active	Issued	Covidien LP	Covidien LP	Pump and Base	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Feeding	Waldhoff, Gary (waldhg1); Wiesner, Joel (wiesnj1); Harr, James (harrj1); Breitweiser, Kenneth (breitk1); Mchugh, Gabriel (mchugg5); Trelford, Lester (trelfl1);
H-KN-02944US01	US	29/549625			09/13/2013	12/28/2015			Continuation	Active	Filed	Covidien LP	Covidien LP	Base and Pump	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Feeding	Waldhoff, Gary (waldhg1); Wiesner, Joel (wiesnj1); Harr, James (harrj1); Breitweiser, Kenneth (breitk1); Mchugh, Gabriel (mchugg5); Trelford, Lester (trelfl1);
H-KN-02944AU	AU	11105/2014	356390		09/13/2013	03/10/2014	08/11/2014	03/10/2024	Design	Active	Issued	Covidien LP	Covidien LP	Pump and Base	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Feeding	Waldhoff, Gary (waldhg1); Wiesner, Joel (wiesnj1); Harr, James (harrj1); Breitweiser, Kenneth (breitk1); Mchugh, Gabriel (mchugg5); Trelford, Lester (trelfl1);
H-KN-02944AU1	AU	11107/2014			09/13/2013	03/10/2014			Design	Active	Filed	Covidien LP	Covidien LP	Pump	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Feeding	Waldhoff, Gary (waldhg1); Wiesner, Joel (wiesnj1); Harr, James (harrj1); Breitweiser, Kenneth (breitk1); Mchugh, Gabriel (mchugg5); Trelford, Lester (trelfl1);
H-KN-02944AU2	AU	11106/2014	355395		09/13/2013	03/10/2014	05/14/2014	03/10/2024	Design	Active	Issued	Covidien LP	Covidien LP	Base	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Feeding	Waldhoff, Gary (waldhg1); Wiesner, Joel (wiesnj1); Harr, James (harrj1); Breitweiser, Kenneth (breitk1); Mchugh, Gabriel (mchugg5); Trelford, Lester (trelfl1);
H-KN-02944CA	CA	155503	155503		09/13/2013	03/05/2014	08/25/2015	08/25/2025	Design	Active	Issued	Covidien LP	Covidien LP	Pump and Base	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Feeding	Waldhoff, Gary (waldhg1); Wiesner, Joel (wiesnj1); Harr, James (harrj1); Breitweiser, Kenneth (breitk1); Mchugh, Gabriel (mchugg5); Trelford, Lester (trelfl1);
H-KN-02944CA01	CA	163348	163348		09/13/2013	03/05/2014	08/25/2015	08/25/2025	Divisional	Active	Issued	Covidien LP	Covidien LP	PUMP	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Feeding	Waldhoff, Gary (waldhg1); Wiesner, Joel (wiesnj1); Harr, James (harrj1); Breitweiser, Kenneth (breitk1); Mchugh, Gabriel (mchugg5); Trelford, Lester (trelfl1);
H-KN-02944CA02	CA	163349	163349		09/13/2013	03/05/2014	08/25/2015	03/05/2024	Divisional	Active	Issued	Covidien LP	Covidien LP	Pump and Base	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Feeding	Waldhoff, Gary (waldhg1); Wiesner, Joel (wiesnj1); Harr, James (harrj1); Breitweiser, Kenneth (breitk1); Mchugh, Gabriel (mchugg5); Trelford, Lester (trelfl1);
H-KN-02944CN	CN	201430049041.0			09/13/2013	03/13/2014			Design	Active	Allowed	Covidien LP	Covidien LP	Pump and Base	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Feeding	Waldhoff, Gary (waldhg1); Wiesner, Joel (wiesnj1); Harr, James (harrj1); Breitweiser, Kenneth (breitk1); Mchugh, Gabriel (mchugg5); Trelford, Lester (trelfl1);
H-KN-02944CN1	CN	201430049034.0	ZL201430049034.0		09/13/2013	03/13/2014	10/10/2014	03/13/2024	Design	Active	Issued	Covidien LP	Covidien LP	Pump and Base	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Feeding	Waldhoff, Gary (waldhg1); Wiesner, Joel (wiesnj1); Harr, James (harrj1); Breitweiser, Kenneth (breitk1); Mchugh, Gabriel (mchugg5); Trelford, Lester (trelfl1);
H-KN-02944EM	EU	001405872	001405872-0001		09/13/2013	03/10/2014	03/27/2014	03/10/2039	Design	Active	Issued	Covidien LP	Covidien LP	Pump and Base	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Feeding	Waldhoff, Gary (waldhg1); Wiesner, Joel (wiesnj1); Harr, James (harrj1); Breitweiser, Kenneth (breitk1); Mchugh, Gabriel (mchugg5); Trelford, Lester (trelfl1);
H-KN-02944EM1	EU	001405872	001405872-0002		09/13/2013	03/10/2014	03/27/2014	03/10/2039	Design	Active	Issued	Covidien LP	Covidien LP	Pump and Base	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Feeding	Waldhoff, Gary (waldhg1); Wiesner, Joel (wiesnj1); Harr, James (harrj1); Breitweiser, Kenneth (breitk1); Mchugh, Gabriel (mchugg5); Trelford, Lester (trelfl1);
H-KN-02944EM2	EU	001405872	001405872-0003		09/13/2013	03/10/2014	03/27/2014	03/10/2039	Design	Active	Issued	Covidien LP	Covidien LP	Pump and Base	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Feeding	Waldhoff, Gary (waldhg1); Wiesner, Joel (wiesnj1); Harr, James (harrj1); Breitweiser, Kenneth (breitk1); Mchugh, Gabriel (mchugg5); Trelford, Lester (trelfl1);
H-KN-02944JP	JP	2014-5292	15486672		09/13/2013	03/13/2014	04/01/2016	04/01/2036	Design	Active	Issued	Covidien LP	Covidien LP	Medical Pump	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Feeding	Waldhoff, Gary (waldhg1); Wiesner, Joel (wiesnj1); Harr, James (harrj1); Breitweiser, Kenneth (breitk1); Mchugh, Gabriel (mchugg5); Trelford, Lester (trelfl1);
H-KN-02944JP1	JP	2014-5293			09/13/2013	03/13/2014			Design	Active	Allowed	Covidien LP	Covidien LP	Medical Pump Base	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Feeding	Waldhoff, Gary (waldhg1); Wiesner, Joel (wiesnj1); Harr, James (harrj1); Breitweiser, Kenneth (breitk1); Mchugh, Gabriel (mchugg5); Trelford, Lester (trelfl1);
H-KN-02944SG	SG	D2014/246/Z	D2014/246/Z		09/13/2013	03/07/2014	04/03/2014	03/07/2029	Design	Active	Issued	Covidien LP	Covidien LP	Pump and Base	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Feeding	Waldhoff, Gary (waldhg1); Wiesner, Joel (wiesnj1); Harr, James (harrj1); Breitweiser, Kenneth (breitk1); Mchugh, Gabriel (mchugg5); Trelford, Lester (trelfl1);
H-KN-02944SG1	SG	D2014/247/F	D2014/247/F		09/13/2013	03/07/2014	04/03/2014	03/07/2029	Design	Active	Issued	Covidien LP	Covidien LP	Pump and Base	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Feeding	Waldhoff, Gary (waldhg1); Wiesner, Joel (wiesnj1); Harr, James (harrj1); Breitweiser, Kenneth (breitk1); Mchugh, Gabriel (mchugg5); Trelford, Lester (trelfl1);
H-KN-00859CA	CA	2631622	2631622	2631622	05/22/2007	05/20/2008	07/17/2012	05/20/2028	Utility	Active	Issued	Covidien LP	Covidien LP	Multiple Configuration Electronic Thermometer	Patient Monitoring & Recovery - PMR - Mansfield | Thermometry | Other Thermometry	Waldhoff, Gary (waldhg1); Yerlikaya, Denis (MITG-DYY); Bisch, Michael (MITG-MEB4)
H-KN-00859US	US	11/752155	7749170	20080294065	05/22/2007	05/22/2007	07/06/2010	05/22/2027	Utility	Active	Issued	Covidien LP	Covidien LP	Multiple Configuration Electronic Thermometer	Patient Monitoring & Recovery - PMR - Mansfield | Thermometry | Other Thermometry	Waldhoff, Gary (waldhg1); Yerlikaya, Denis (MITG-DYY); Bisch, Michael (MITG-MEB4)
H-KN-00859US1	US	12/796920	8449476	2010-0250909-A1	05/22/2007	06/09/2010	05/28/2013	12/01/2027	Divisional	Active	Issued	Covidien LP	Covidien LP	Multiple Configuration Electronic Thermometer	Patient Monitoring & Recovery - PMR - Mansfield | Thermometry | Other Thermometry	Waldhoff, Gary (waldhg1); Yerlikaya, Denis (MITG-DYY); Bisch, Michael (MITG-MEB4)
H-KN-00859US2	US	13/891680	9,313,910	20130242509	05/22/2007	05/10/2013	04/12/2016	05/22/2027	Divisional	Active	Issued	Covidien LP	Covidien LP	Multiple Configuration Electronic Thermometer	Patient Monitoring & Recovery - PMR - Mansfield | Thermometry | Other Thermometry	Waldhoff, Gary (waldhg1); Yerlikaya, Denis (MITG-DYY); Bisch, Michael (MITG-MEB4)
H-KN-00956US	US	12/055161	7546993		03/25/2008	03/25/2008	06/16/2009	03/25/2028	Utility	Active	Issued	Covidien LP	Covidien LP	Rotating Clamp for Flexible Arm Pole Clamp	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Feeding	Walker, Clarence (MITG-CLW)
H-NS-01202DE01	DE	10004667.1	2255775		05/28/2009	05/04/2010	02/25/2015	05/04/2030	National Stage	Active	Issued	Covidien LP	Covidien LP	Connecting Structure for a Gastrostomy Catheter and a Fluid Supply Tube	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Gastrointestinal	Watanabe, Motonori (watanm9); ABE, Kazuhiro (MITG-KA4)
H-NS-01202EP	EP	10004667.1	2255775	2255775	05/28/2009	05/04/2010	02/25/2015	05/04/2030	Utility	Active	Issued	Covidien LP	Covidien LP	Connecting Structure for a Gastrostomy Catheter and a Fluid Supply Tube	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Gastrointestinal	Watanabe, Motonori (watanm9); ABE, Kazuhiro (MITG-KA4)

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Matter #	Country	App #	Patent #	Pub #	Priority Date	App Date	Issue Date	Expiration Date	Matter Sub-Type	Status	Sub Status	Current Owner	Assignee	Title	Business Classification	Inventors
H-NS-01202FR01	FR	10004667.1	2255775		05/28/2009	05/04/2010	02/25/2015	05/04/2030	National Stage	Active	Issued	Covidien LP	Covidien LP	Connecting Structure for a Gastrostomy Catheter and a Fluid Supply Tube	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Gastrointestinal	Watanabe, Motonori (watanm9); ABE, Kazuhiro (MITG-KA4)
H-NS-01202GB01	GB	10004667.1	2255775		05/28/2009	05/04/2010	02/25/2015	05/04/2030	National Stage	Active	Issued	Covidien LP	Covidien LP	Connecting Structure for a Gastrostomy Catheter and a Fluid Supply Tube	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Gastrointestinal	Watanabe, Motonori (watanm9); ABE, Kazuhiro (MITG-KA4)
H-NS-01203.DEN1	DE	10005158.0	2269563	EP2269563	06/29/2009	05/18/2010	04/27/2016	05/18/2030	National Stage	Active	Issued	Covidien LP	Covidien LP	Connecting structure for a gastrostomy catheter and a fluid supply tube	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Gastrointestinal	Watanabe, Motonori (watanm9); ABE, Kazuhiro (MITG-KA4)
H-NS-01203.FRN2	FR	10005158.0	2269563	EP2269563	06/29/2009	05/18/2010	04/27/2016	05/18/2030	National Stage	Active	Issued	Covidien LP	Covidien LP	Connecting structure for a gastrostomy catheter and a fluid supply tube	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Gastrointestinal	Watanabe, Motonori (watanm9); ABE, Kazuhiro (MITG-KA4)
H-NS-01203.GBN3	GB	10005158.0	2269563	EP2269563	06/29/2009	05/18/2010	04/27/2016	05/18/2030	National Stage	Active	Issued	Covidien LP	Covidien LP	Connecting structure for a gastrostomy catheter and a fluid supply tube	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Gastrointestinal	Watanabe, Motonori (watanm9); ABE, Kazuhiro (MITG-KA4)
H-NS-01225AU	AU	2011232763	2011232763		09/28/2010	10/05/2011	10/24/2013	10/05/2031	Utility	Active	Issued	Covidien LP	Covidien LP	Fistula Catheter	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Gastrointestinal	Watanabe, Motonori (watanm9); Funamura, Shigeaki (MITG-SF6)
H-NS-01225US	US	13/246411	8939939	20120078192	09/28/2010	09/27/2011	01/27/2015	02/06/2032	Utility	Active	Issued	Covidien LP	Covidien LP	FISTULA CATHETER	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Gastrointestinal	Watanabe, Motonori (watanm9); Funamura, Shigeaki (MITG-SF6)
H-NS-01214.DEN1	DE	10014690.1	602010031022.1	EP2327353	11/30/2009	11/17/2010	03/09/2016	11/17/2030	National Stage	Active	Issued	Covidien LP	Covidien LP	Endoscope Cover Fixing Device and Fixing System	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Access	Watanabe, Motonori (watanm9); IWAMIZU, Keita (MITG-KI4)
H-NS-01214.FRN2	FR	10014690.1	2327353	EP2327353	11/30/2009	11/17/2010	03/09/2016	11/17/2030	National Stage	Active	Issued	Covidien LP	Covidien LP	Endoscope Cover Fixing Device and Fixing System	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Access	Watanabe, Motonori (watanm9); IWAMIZU, Keita (MITG-KI4)
H-NS-01214.GBN3	GB	10014690.1	2327353	EP2327353	11/30/2009	11/17/2010	03/09/2016	11/17/2030	National Stage	Active	Issued	Covidien LP	Covidien LP	Endoscope Cover Fixing Device and Fixing System	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Access	Watanabe, Motonori (watanm9); IWAMIZU, Keita (MITG-KI4)
H-NS-01214CN	CN	201010625084.X	ZL201010625084.X	CN102129847A	11/30/2009	11/30/2010	06/29/2015	11/30/2030	Utility	Active	Issued	Covidien LP	Covidien LP	ENDOSCOPE COVER FIXING DEVICE AND FIXING SYSTEM	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Access	Watanabe, Motonori (watanm9); IWAMIZU, Keita (MITG-KI4)
1787KCA	CA	2345780	2345780	2345780	10/05/1998	10/04/1999	01/08/2008	10/04/2019	National Stage	Active	Issued	Covidien LP	Covidien LP	METHOD TO AUGMENT BLOOD CIRCULATION IN A LIMB	Patient Monitoring & Recovery - PMR - Mansfield | Vascular Compression	Watson, Kristin (watsok6); AMARA, RYAN (MITG-RAA2); Plante, Joseph (MITG-JRP2)
1787KUS	US	09/166480	6231532		10/05/1998	10/05/1998	05/15/2001	10/05/2018	Utility	Active	Issued	Covidien LP	Covidien LP	METHOD TO AUGMENT BLOOD CIRCULATION IN A LIMB	Patient Monitoring & Recovery - PMR - Mansfield | Vascular Compression	Watson, Kristin (watsok6); AMARA, RYAN (MITG-RAA2); Plante, Joseph (MITG-JRP2)
H-KN-01377US	US	12/720122	8506507	20110224589A1	03/09/2010	03/09/2010	08/13/2013	10/05/2031	Utility	Active	Issued	Covidien LP	Covidien LP	Venous Augmentation System	Patient Monitoring & Recovery - PMR - Mansfield | Vascular Compression	Watson, Kristin (watsok6); Bock, Malcolm (MITG-MGB)
H-KN-01377US1	US	13/948236	9,532,919	20130310720	03/09/2010	07/23/2013	01/03/2017	10/05/2031	Continuation	Active	Issued	Covidien LP	Covidien LP	Venous Augmentation System	Patient Monitoring & Recovery - PMR - Mansfield | Vascular Compression	Watson, Kristin (watsok6); Bock, Malcolm (MITG-MGB)
H-KN-02935.DEN2	DE	14186599.8	60 2014 003 236.2	EP2853251	09/27/2013	09/26/2014	08/24/2016	09/26/2034	National Stage	Active	Issued	Covidien LP	Covidien LP	Compression Garment Ventilation	Patient Monitoring & Recovery - PMR - Mansfield | Vascular Compression	Watson, Kristin (watsok6); Crowley, Peter (MITG-PC3)
H-KN-02935.FRN3	FR	14186599.8	2853251	EP2853251	09/27/2013	09/26/2014	08/24/2016	09/26/2034	National Stage	Active	Issued	Covidien LP	Covidien LP	Compression Garment Ventilation	Patient Monitoring & Recovery - PMR - Mansfield | Vascular Compression	Watson, Kristin (watsok6); Crowley, Peter (MITG-PC3)
H-KN-02935.GBN4	GB	14186599.8	2853251	EP2853251	09/27/2013	09/26/2014	08/24/2016	09/26/2034	National Stage	Active	Issued	Covidien LP	Covidien LP	Compression Garment Ventilation	Patient Monitoring & Recovery - PMR - Mansfield | Vascular Compression	Watson, Kristin (watsok6); Crowley, Peter (MITG-PC3)
H-KN-02935AU01	AU	2014221323	2014221323		09/27/2013	09/10/2014	09/17/2015	09/10/2034	Utility	Active	Issued	Covidien LP	Covidien LP	Compression Garment Ventilation	Patient Monitoring & Recovery - PMR - Mansfield | Vascular Compression	Watson, Kristin (watsok6); Crowley, Peter (MITG-PC3)
1833KUS	US	10/784604	7282038	20050187499	02/23/2004	02/23/2004	10/16/2007	11/12/2024	Utility	Active	Issued	Covidien LP	Covidien LP	COMPRESSION APPARATUS	Patient Monitoring & Recovery - PMR - Mansfield | Vascular Compression	Watson, Kristin (watsok6); Gillis, Heather (MITG-HG3)
1833KUS1	US	29/199988	D517695		02/23/2004	02/23/2004	03/21/2006	03/21/2020	Design	Active	Issued	Covidien LP	Covidien LP	COMPRESSION SLEEVE	Patient Monitoring & Recovery - PMR - Mansfield | Vascular Compression	Watson, Kristin (watsok6); Gillis, Heather (MITG-HG3)
H-KN-00652AU	AU	2011224017	2011224017		09/30/2010	09/13/2011	05/02/2013	09/13/2031	Utility	Active	Issued	Covidien LP	Covidien LP	Monitoring Compliance Using Venous Refill Detection	Patient Monitoring & Recovery - PMR - Mansfield | Vascular Compression	Watson, Kristin (watsok6); Vess, Mark (MITG-MAV3)
H-KN-00652AU1	AU	2013201701	2013201701		09/30/2010	09/13/2011	02/05/2015	09/13/2031	Divisional	Active	Issued	Covidien LP	Covidien LP	Monitoring Compliance Using Venous Refill Detection	Patient Monitoring & Recovery - PMR - Mansfield | Vascular Compression	Watson, Kristin (watsok6); Vess, Mark (MITG-MAV3)
H-KN-00652CN	CN	201110303696.1	ZL201110303696.1	102525415	09/30/2010	09/29/2011	10/29/2014	09/29/2031	Utility	Active	Issued	Covidien LP	Covidien LP	Monitoring Compliance Using Venous Refill Detection	Patient Monitoring & Recovery - PMR - Mansfield | Vascular Compression	Watson, Kristin (watsok6); Vess, Mark (MITG-MAV3)
H-KN-00652CN01	CN	201410555763.2		CN104305960A	09/30/2010	09/29/2011			Divisional	Active	Published	Covidien LP	Covidien LP	Monitoring Compliance Using Venous Refill Detection	Patient Monitoring & Recovery - PMR - Mansfield | Vascular Compression	Watson, Kristin (watsok6); Vess, Mark (MITG-MAV3)
H-KN-00652DE	DE	11182113.8	602011004116.9	2436308	09/30/2010	09/21/2011	12/11/2013	09/21/2031	National Stage	Active	Issued	Covidien LP	Covidien LP	Monitoring Compliance Using Venous Refill Detection	Patient Monitoring & Recovery - PMR - Mansfield | Vascular Compression	Watson, Kristin (watsok6); Vess, Mark (MITG-MAV3)
H-KN-00652DEDIV	DE	13187415.8	602011018836.4		09/30/2010	09/21/2011	08/12/2015	09/21/2031	National Stage	Active	Issued	Covidien LP	Covidien LP	Monitoring Compliance Using Venous Refill Detection	Patient Monitoring & Recovery - PMR - Mansfield | Vascular Compression	Watson, Kristin (watsok6); Vess, Mark (MITG-MAV3)
H-KN-00652ES	ES	11182113.8	2436308	2436308	09/30/2010	09/21/2011	12/11/2013	09/21/2031	National Stage	Active	Issued	Covidien LP	Covidien LP	Monitoring Compliance Using Venous Refill Detection	Patient Monitoring & Recovery - PMR - Mansfield | Vascular Compression	Watson, Kristin (watsok6); Vess, Mark (MITG-MAV3)
H-KN-00652ESDIV	ES	13187415.8	2695574		09/30/2010	09/21/2011	08/12/2015	09/21/2031	National Stage	Active	Issued	Covidien LP	Covidien LP	Monitoring Compliance Using Venous Refill Detection	Patient Monitoring & Recovery - PMR - Mansfield | Vascular Compression	Watson, Kristin (watsok6); Vess, Mark (MITG-MAV3)
H-KN-00652FR	FR	11182113.8	2436308	2436308	09/30/2010	09/21/2011	12/11/2013	09/21/2031	National Stage	Active	Issued	Covidien LP	Covidien LP	Monitoring Compliance Using Venous Refill Detection	Patient Monitoring & Recovery - PMR - Mansfield | Vascular Compression	Watson, Kristin (watsok6); Vess, Mark (MITG-MAV3)
H-KN-00652FRDIV	FR	13187415.8	2695574		09/30/2010	09/21/2011	08/12/2015	09/21/2031	National Stage	Active	Issued	Covidien LP	Covidien LP	Monitoring Compliance Using Venous Refill Detection	Patient Monitoring & Recovery - PMR - Mansfield | Vascular Compression	Watson, Kristin (watsok6); Vess, Mark (MITG-MAV3)

PATENT
REEL: 044126 FRAME: 0900

Matter #	Country	App #	Patent #	Pub #	Priority Date	App Date	Issue Date	Expiration Date	Matter Sub-Type	Status	Sub Status	Current Owner	Assignee	Title	Business Classification	Inventors
H-KN-00652GB	GB	11182113.8	2436308	2436308	09/30/2010	09/21/2011	12/11/2013	09/21/2031	National Stage	Active	Issued	Covidien LP	Covidien LP	Monitoring Compliance Using Venous Refill Detection	Patient Monitoring & Recovery - PMR - Mansfield | Vascular Compression	Watson, Kristin (watsok6); Vess, Mark (MITG-MAV3)
H-KN-00652GBDIV	GB	13187415.8	2695574		09/30/2010	09/21/2011	08/12/2015	09/21/2031	National Stage	Active	Issued	Covidien LP	Covidien LP	Monitoring Compliance Using Venous Refill Detection	Patient Monitoring & Recovery - PMR - Mansfield | Vascular Compression	Watson, Kristin (watsok6); Vess, Mark (MITG-MAV3)
H-KN-00652IL	IL	214999	214999		09/30/2010	09/06/2011	01/30/2016	09/06/2031	Utility	Active	Issued	Covidien LP	Covidien LP	Monitoring Compliance Using Venous Refill Detection	Patient Monitoring & Recovery - PMR - Mansfield | Vascular Compression	Watson, Kristin (watsok6); Vess, Mark (MITG-MAV3)
H-KN-00652IL01	IL	241751			09/30/2010	09/06/2011			Divisional	Active	Published	Covidien LP	Covidien LP	METHOD OF MONITORING PATIENT COMPLIANCE	Patient Monitoring & Recovery - PMR - Mansfield | Vascular Compression	Watson, Kristin (watsok6); Vess, Mark (MITG-MAV3)
H-KN-00652IT	IT	11182113.8	2436308	2436308	09/30/2010	09/21/2011	12/11/2013	09/21/2031	National Stage	Active	Issued	Covidien LP	Covidien LP	Monitoring Compliance Using Venous Refill Detection	Patient Monitoring & Recovery - PMR - Mansfield | Vascular Compression	Watson, Kristin (watsok6); Vess, Mark (MITG-MAV3)
H-KN-00652ITDIV	IT	13187415.8	2695574		09/30/2010	09/21/2011	08/12/2015	09/21/2031	National Stage	Active	Issued	Covidien LP	Covidien LP	Monitoring Compliance Using Venous Refill Detection	Patient Monitoring & Recovery - PMR - Mansfield | Vascular Compression	Watson, Kristin (watsok6); Vess, Mark (MITG-MAV3)
H-KN-00652JP	JP	2011-215391	5378475	2012-75891	09/30/2010	09/29/2011	10/04/2013	09/29/2031	Utility	Active	Issued	Covidien LP	Covidien LP	Monitoring Compliance Using Venous Refill Detection	Patient Monitoring & Recovery - PMR - Mansfield | Vascular Compression	Watson, Kristin (watsok6); Vess, Mark (MITG-MAV3)
H-KN-00652US	US	12/894826		US-2012-0083712-A1	09/30/2010	09/30/2010			Utility	Active	Allowed	Covidien LP	Covidien LP	Monitoring Compliance Using Venous Refill Detection	Patient Monitoring & Recovery - PMR - Mansfield | Vascular Compression	Watson, Kristin (watsok6); Vess, Mark (MITG-MAV3)
H-KN-01063US1	US	12/409098	7981089	2009-0247962-A1	03/31/2008	03/23/2009	07/19/2011	03/23/2029	Utility	Active	Issued	Covidien LP	Covidien LP	Improved Vial Access Device	Patient Monitoring & Recovery - PMR - Mansfield | Intravenous Access/Prefill | Other Intravenous Access/Prefill	Weilbacher, Eugene (MITG-EW)
S-8512CA1	CA	2625475	2625475	2625475	10/11/2005	10/11/2006	04/01/2014	10/11/2026	National Stage	Active	Issued	Covidien LP	Covidien LP	IV Catheter with In-Line Valve and Methods Related Thereto	Patient Monitoring & Recovery - PMR - Mansfield | Intravenous Access/Prefill | Other Intravenous Access/Prefill	Weilbacher, Eugene (MITG-EW); Belley, Richard (MITG-RAB3); Fiser, Richard (MITG-RLF)
S-8512DE01	DE	08836915.2	2229209		10/11/2005	10/10/2008	08/13/2014	10/10/2028	National Stage	Active	Issued	Covidien LP	Covidien LP	IV Catheter with In-Line Valve and Methods Related Thereto	Patient Monitoring & Recovery - PMR - Mansfield | Intravenous Access/Prefill | Other Intravenous Access/Prefill	Weilbacher, Eugene (MITG-EW); Belley, Richard (MITG-RAB3); Fiser, Richard (MITG-RLF)
S-8512EP5.DEN3	DE	12178987.9	2522489	EP2522489	10/11/2007	10/10/2008	01/20/2016	10/10/2028	National Stage	Active	Issued	Covidien LP	Covidien LP	IV Catheter with In-Line Valve	Patient Monitoring & Recovery - PMR - Mansfield | Intravenous Access/Prefill | Other Intravenous Access/Prefill	Weilbacher, Eugene (MITG-EW); Belley, Richard (MITG-RAB3); Fiser, Richard (MITG-RLF)
S-8512EP5.FRN4	FR	12178987.9	2522489	EP2522489	10/11/2007	10/10/2008	01/20/2016	10/10/2028	National Stage	Active	Issued	Covidien LP	Covidien LP	IV Catheter with In-Line Valve	Patient Monitoring & Recovery - PMR - Mansfield | Intravenous Access/Prefill | Other Intravenous Access/Prefill	Weilbacher, Eugene (MITG-EW); Belley, Richard (MITG-RAB3); Fiser, Richard (MITG-RLF)
S-8512EP5.GBN5	GB	12178987.9	2522489	EP2522489	10/11/2007	10/10/2008	01/20/2016	10/10/2028	National Stage	Active	Issued	Covidien LP	Covidien LP	IV Catheter with In-Line Valve	Patient Monitoring & Recovery - PMR - Mansfield | Intravenous Access/Prefill | Other Intravenous Access/Prefill	Weilbacher, Eugene (MITG-EW); Belley, Richard (MITG-RAB3); Fiser, Richard (MITG-RLF)
S-8512EP5D1	EP	12178986.1		2522488	10/11/2007	10/10/2008			Divisional	Active	Published	Covidien LP	Covidien LP	IV Catheter with In-Line Valve and Methods Related Thereto	Patient Monitoring & Recovery - PMR - Mansfield | Intravenous Access/Prefill | Other Intravenous Access/Prefill	Weilbacher, Eugene (MITG-EW); Belley, Richard (MITG-RAB3); Fiser, Richard (MITG-RLF)
S-8512ES01	ES	08836915.2	2229209		10/11/2005	10/10/2008	08/13/2014	10/10/2028	National Stage	Active	Issued	Covidien LP	Covidien LP	IV Catheter with In-Line Valve and Methods Related Thereto	Patient Monitoring & Recovery - PMR - Mansfield | Intravenous Access/Prefill | Other Intravenous Access/Prefill	Weilbacher, Eugene (MITG-EW); Belley, Richard (MITG-RAB3); Fiser, Richard (MITG-RLF)
S-8512FR01	FR	08836915.2	2229209		10/11/2005	10/10/2008	08/13/2014	10/10/2028	National Stage	Active	Issued	Covidien LP	Covidien LP	IV Catheter with In-Line Valve and Methods Related Thereto	Patient Monitoring & Recovery - PMR - Mansfield | Intravenous Access/Prefill | Other Intravenous Access/Prefill	Weilbacher, Eugene (MITG-EW); Belley, Richard (MITG-RAB3); Fiser, Richard (MITG-RLF)
S-8512GB01	GB	08836915.2	2229209		10/11/2005	10/10/2008	08/13/2014	10/10/2028	National Stage	Active	Issued	Covidien LP	Covidien LP	IV Catheter with In-Line Valve and Methods Related Thereto	Patient Monitoring & Recovery - PMR - Mansfield | Intravenous Access/Prefill | Other Intravenous Access/Prefill	Weilbacher, Eugene (MITG-EW); Belley, Richard (MITG-RAB3); Fiser, Richard (MITG-RLF)
S-8512IE01	IE	08836915.2	2229209		10/11/2005	10/10/2008	08/13/2014	10/10/2028	National Stage	Active	Issued	Covidien LP	Covidien LP	IV Catheter with In-Line Valve and Methods Related Thereto	Patient Monitoring & Recovery - PMR - Mansfield | Intravenous Access/Prefill | Other Intravenous Access/Prefill	Weilbacher, Eugene (MITG-EW); Belley, Richard (MITG-RAB3); Fiser, Richard (MITG-RLF)
S-8512KR1	KR	10-2008-7011163	10-1033106		10/11/2005	10/11/2006	04/27/2011	10/11/2026	National Stage	Active	Issued	Covidien LP	Covidien LP	IV Catheter with In-Line Valve and Methods Related Thereto	Patient Monitoring & Recovery - PMR - Mansfield | Intravenous Access/Prefill | Other Intravenous Access/Prefill	Weilbacher, Eugene (MITG-EW); Belley, Richard (MITG-RAB3); Fiser, Richard (MITG-RLF)
S-8512KR1DIV	KR	10-2010-7024425	10-1088209		10/11/2005	10/11/2006	11/23/2011	10/11/2026	National Stage	Active	Issued	Covidien LP	Covidien LP	IV Catheter with In-Line Valve and Methods Related Thereto	Patient Monitoring & Recovery - PMR - Mansfield | Intravenous Access/Prefill | Other Intravenous Access/Prefill	Weilbacher, Eugene (MITG-EW); Belley, Richard (MITG-RAB3); Fiser, Richard (MITG-RLF)
S-8512MX5	MX	MX/a/2010/003871	310633		10/11/2005	10/10/2008	06/19/2013	10/10/2028	National Stage	Active	Issued	Covidien LP	Covidien LP	IV Catheter with In-Line Valve and Methods Related Thereto	Patient Monitoring & Recovery - PMR - Mansfield | Intravenous Access/Prefill | Other Intravenous Access/Prefill	Weilbacher, Eugene (MITG-EW); Belley, Richard (MITG-RAB3); Fiser, Richard (MITG-RLF)
S-8512MX5DIV	MX	MX/a/2012/012662	333439		10/11/2005	10/10/2008	09/24/2015	10/10/2028	Divisional	Active	Issued	Covidien LP	Covidien LP	IV Catheter with In-Line Valve and Methods Related Thereto	Patient Monitoring & Recovery - PMR - Mansfield | Intravenous Access/Prefill | Other Intravenous Access/Prefill	Weilbacher, Eugene (MITG-EW); Belley, Richard (MITG-RAB3); Fiser, Richard (MITG-RLF)
S-8512US09	US	14/977871		US 2016-0199575 A1	10/11/2005	12/22/2015			Continuation	Active	Published	Covidien LP	Covidien LP	IV Catheter with In-Line Valve and Methods Related Thereto	Patient Monitoring & Recovery - PMR - Mansfield | Intravenous Access/Prefill | Other Intravenous Access/Prefill	Weilbacher, Eugene (MITG-EW); Belley, Richard (MITG-RAB3); Fiser, Richard (MITG-RLF)
S-8512US3	US	11/546818	7691090	20070100295A1	10/11/2005	10/11/2006	04/06/2010	06/01/2027	Utility	Active	Issued	Covidien LP	Covidien LP	IV Catheter with In-Line Valve and Methods Related Thereto	Patient Monitoring & Recovery - PMR - Mansfield | Intravenous Access/Prefill | Other Intravenous Access/Prefill	Weilbacher, Eugene (MITG-EW); Belley, Richard (MITG-RAB3); Fiser, Richard (MITG-RLF)
S-8512US4	US	11/546752	7695458	20070083157	10/11/2005	10/11/2006	04/13/2010	06/16/2027	Utility	Active	Issued	Covidien LP	Covidien LP	IV Catheter with In-Line Valve and Methods Related Thereto	Patient Monitoring & Recovery - PMR - Mansfield | Intravenous Access/Prefill | Other Intravenous Access/Prefill	Weilbacher, Eugene (MITG-EW); Belley, Richard (MITG-RAB3); Fiser, Richard (MITG-RLF)
S-8512US5	US	11/974101	8747387	20080091173	10/11/2005	10/11/2007	06/10/2014	06/01/2027	Continuation-in-Part	Active	Issued	Covidien LP	Covidien LP	IV CATHETER WITH IN-LINE VALVE AND METHODS RELATED THERETO	Patient Monitoring & Recovery - PMR - Mansfield | Intravenous Access/Prefill | Other Intravenous Access/Prefill	Weilbacher, Eugene (MITG-EW); Belley, Richard (MITG-RAB3); Fiser, Richard (MITG-RLF)

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Matter #	Country	App #	Patent #	Pub #	Priority Date	App Date	Issue Date	Expiration Date	Matter Sub-Type	Status	Sub Status	Current Owner	Assignee	Title	Business Classification	Inventors
S-8512US6	US	12/709861	8286657	2010-0146765-A1	10/11/2005	02/22/2010	10/16/2012	02/08/2027	Divisional	Active	Issued	Covidien LP	Covidien LP	IV Catheter with In-Line Valve and Methods Related Thereto	Patient Monitoring & Recovery - PMR - Mansfield | Intravenous Access/Prefill | Other Intravenous Access/Prefill	Weilbacher, Eugene (MITG-EW); Belley, Richard (MITG-RAB3); Fiser, Richard (MITG-RLF)
S-8512US7	US	13/609438	9220882	20130006199	10/11/2005	09/11/2012	12/29/2015	08/17/2027	Continuation	Active	Issued	Covidien LP	Covidien LP	IV Catheter with In-Line Valve and Methods Related Thereto	Patient Monitoring & Recovery - PMR - Mansfield | Intravenous Access/Prefill | Other Intravenous Access/Prefill	Weilbacher, Eugene (MITG-EW); Belley, Richard (MITG-RAB3); Fiser, Richard (MITG-RLF)
S-8512CA2	CA	2625471	2625471	2625471	10/11/2005	10/11/2006	06/17/2014	10/11/2026	National Stage	Active	Issued	Covidien LP	Covidien LP	IV Catheter with In-Line Valve and Methods Related Thereto	Patient Monitoring & Recovery - PMR - Mansfield | Intravenous Access/Prefill | Other Intravenous Access/Prefill	Weilbacher, Eugene (MITG-EW); Belley, Richard (MITG-RAB3); Fiser, Richard (MITG-RLF); SCHRADER, EUGENE (MITG-EFS)
H-KN-01062US1	US	12/409055	9,259,533	20090247952	03/31/2008	03/23/2009	02/16/2016	02/09/2030	Utility	Active	Issued	Covidien LP	Covidien LP	Safety Needle with Spring Biased Retraction Mechanism	Patient Monitoring & Recovery - PMR - Mansfield | Blood Collection | Other Blood Collection	Weilbacher, Eugene (MITG-EW); Carlyon, James L. (MITG-JC23)
S-8504AU3	AU	2009222435	2009222435		09/25/2008	09/25/2009	06/12/2014	09/25/2029	Utility	Active	Issued	Covidien LP	Covidien LP	SAFETY SHIELD FOR MEDICAL NEEDLES	Patient Monitoring & Recovery - PMR - Mansfield | Needles & Syringes | Other Needles & Syringes	Weilbacher, Eugene (MITG-EW); Chebator, Casey (MITG-CC11)
S-8504DE3	DE	09170852.9	60 2009 003 404.9	2168621	06/20/2005	09/21/2009	11/02/2011	09/21/2029	National Stage	Active	Issued	Covidien LP	Covidien LP	SAFETY SHIELD FOR MEDICAL NEEDLES	Patient Monitoring & Recovery - PMR - Mansfield | Needles & Syringes | Other Needles & Syringes	Weilbacher, Eugene (MITG-EW); Chebator, Casey (MITG-CC11)
S-8504ES3	ES	09170852.9	2168621	2168621	06/20/2005	09/21/2009	11/02/2011	09/21/2029	National Stage	Active	Issued	Covidien LP	Covidien LP	SAFETY SHIELD FOR MEDICAL NEEDLES	Patient Monitoring & Recovery - PMR - Mansfield | Needles & Syringes | Other Needles & Syringes	Weilbacher, Eugene (MITG-EW); Chebator, Casey (MITG-CC11)
S-8504FR3	FR	09170852.9	2168621	2168621	06/20/2005	09/21/2009	11/02/2011	09/21/2029	National Stage	Active	Issued	Covidien LP	Covidien LP	SAFETY SHIELD FOR MEDICAL NEEDLES	Patient Monitoring & Recovery - PMR - Mansfield | Needles & Syringes | Other Needles & Syringes	Weilbacher, Eugene (MITG-EW); Chebator, Casey (MITG-CC11)
S-8504GB3	GB	09170852.9	2168621	2168621	06/20/2005	09/21/2009	11/02/2011	09/21/2029	National Stage	Active	Issued	Covidien LP	Covidien LP	SAFETY SHIELD FOR MEDICAL NEEDLES	Patient Monitoring & Recovery - PMR - Mansfield | Needles & Syringes | Other Needles & Syringes	Weilbacher, Eugene (MITG-EW); Chebator, Casey (MITG-CC11)
S-8504US3	US	12/237722	9,358,348	20090062744	06/14/2006	09/25/2008	06/07/2016	06/14/2026	Continuation-in-Part	Active	Issued	Covidien LP	Covidien LP	Safety Shield for Medical Needles	Patient Monitoring & Recovery - PMR - Mansfield | Needles & Syringes | Other Needles & Syringes	Weilbacher, Eugene (MITG-EW); Chebator, Casey (MITG-CC11)
S-8294US	US	09/161031	6024120		09/25/1998	09/25/1998	02/15/2000	09/25/2018	Utility	Active	Issued	Covidien LP	Covidien LP	PRESSURE RELIEF VALVE WITH MOVING DIAPHRAGM	Patient Monitoring & Recovery - PMR - Mansfield | Cardiothoracic | Other Cardiothoracic	Weilbacher, Eugene (MITG-EW); YAM, JACKY (MITG-JY3)
355691US02	US	14/818374		US-2016-0045399-A1	08/12/2014	08/05/2015			Utility	Active	Published	Covidien LP	Covidien LP	Feed-Fortify Enteral Feeding and Related Methods Therefor	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Feeding	Wiesner, Joel (wiesnj1)
355691WO02	WO	PCT/US2015/044121		WO 2016/025301	08/12/2014	08/07/2015		03/12/2017	Utility	Active	Published	Covidien LP	Covidien LP	Feed-Fortify Enteral Pump for Dispensing Liquid Nutrition	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Feeding	Wiesner, Joel (wiesnj1)
H-KN-01452AU	AU	2011201858	2011201858		05/11/2010	04/21/2011	01/23/2014	04/21/2031	Utility	Active	Issued	Covidien LP	Covidien LP	IMPROVED SAFETY INTERLOCK	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Feeding	Wiesner, Joel (wiesnj1); Boulanger, Jason (boulaj2); Hudson, Joseph (hudsoj8)
H-KN-01452CA	CA	2737170	2737170	2737170	05/11/2010	04/12/2011	02/04/2014	04/12/2031	Utility	Active	Issued	Covidien LP	Covidien LP	IMPROVED SAFETY INTERLOCK	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Feeding	Wiesner, Joel (wiesnj1); Boulanger, Jason (boulaj2); Hudson, Joseph (hudsoj8)
H-KN-01452CN	CN	201110119053.1	ZL201110119053.1	CN102258815A	05/11/2010	05/10/2011	08/27/2014	05/10/2031	Utility	Active	Issued	Covidien LP	Covidien LP	IMPROVED SAFETY INTERLOCK	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Feeding	Wiesner, Joel (wiesnj1); Boulanger, Jason (boulaj2); Hudson, Joseph (hudsoj8)
H-KN-01452CNDIV1	CN	201410213990.7	ZL201410213990.7	CN103948982A	05/11/2010	05/10/2011	06/01/2016	05/10/2031	Divisional	Active	Issued	Covidien LP	Covidien LP	IMPROVED SAFETY INTERLOCK	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Feeding	Wiesner, Joel (wiesnj1); Boulanger, Jason (boulaj2); Hudson, Joseph (hudsoj8)
H-KN-01452CNDIV2	CN	201410214068.X	ZL201410214068.X	CN103948983A	05/11/2010	05/10/2011	06/01/2016	05/10/2031	Divisional	Active	Issued	Covidien LP	Covidien LP	IMPROVED SAFETY INTERLOCK	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Feeding	Wiesner, Joel (wiesnj1); Boulanger, Jason (boulaj2); Hudson, Joseph (hudsoj8)
H-KN-01452JP	JP	2011-99855	5306409	2011-235096	05/11/2010	04/27/2011	07/05/2013	04/27/2031	Utility	Active	Issued	Covidien LP	Covidien LP	IMPROVED SAFETY INTERLOCK	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Feeding	Wiesner, Joel (wiesnj1); Boulanger, Jason (boulaj2); Hudson, Joseph (hudsoj8)
H-KN-01452MX	MX	MX/a/2011/004359	333215		05/11/2010	04/26/2011	09/17/2015	04/26/2031	Utility	Active	Issued	Covidien LP	Covidien LP	IMPROVED SAFETY INTERLOCK	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Feeding	Wiesner, Joel (wiesnj1); Boulanger, Jason (boulaj2); Hudson, Joseph (hudsoj8)
H-KN-01452US	US	12/777357	8154274	20110279107	05/11/2010	05/11/2010	04/10/2012	06/23/2030	Utility	Active	Issued	Covidien LP	Covidien LP	IMPROVED SAFETY INTERLOCK	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Feeding	Wiesner, Joel (wiesnj1); Boulanger, Jason (boulaj2); Hudson, Joseph (hudsoj8)
H-KN-01452US1	US	13/416837	8760146	20120172801	05/11/2010	03/09/2012	06/24/2014	09/27/2030	Continuation	Active	Issued	Covidien LP	Covidien LP	SAFETY INTERLOCK	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Feeding	Wiesner, Joel (wiesnj1); Boulanger, Jason (boulaj2); Hudson, Joseph (hudsoj8)
H-KN-01862CN01	CN	201180004889.4		CN103068298A	12/27/2011	01/03/2012			National Stage	Active	Published	Covidien LP	Covidien LP	Wireless Relay Module for Remote Monitoring Systems Having Power and Medical Device Proximity Monitoring	Patient Monitoring & Recovery - PMR - Mansfield | Technology Development	Wiesner, Joel (wiesnj1); Brattesani, Kenneth (brattk1)
H-KN-01862EP01	EP	11728068.9		EP2605556	01/03/2012	01/03/2012			National Stage	Active	Published	Covidien LP	Covidien LP	Wireless Relay Module for Remote Monitoring Systems Having Power and Medical Device Proximity Monitoring	Patient Monitoring & Recovery - PMR - Mansfield | Technology Development	Wiesner, Joel (wiesnj1); Brattesani, Kenneth (brattk1)
H-KN-01862PCT	IN	PCT/US2012/020068		WO 2012/094675	01/03/2012	01/03/2012			National Stage	Active	Published	Covidien LP	Covidien LP	Wireless Relay Module for Remote Monitoring Systems Having Power and Medical Device Proximity Monitoring	Patient Monitoring & Recovery - PMR - Mansfield | Technology Development	Wiesner, Joel (wiesnj1); Brattesani, Kenneth (brattk1)
H-KN-01862JP01	JP	2013-548008	5563701	2013-516788	12/22/2011	01/03/2012	07/08/2016	01/03/2032	National Stage	Active	Issued	Covidien LP	Covidien LP	Wireless Relay Module for Remote Monitoring Systems Having Power and Medical Device Proximity Monitoring	Patient Monitoring & Recovery - PMR - Mansfield | Technology Development	Wiesner, Joel (wiesnj1); Brattesani, Kenneth (brattk1)

Matter #	Country	App #	Patent #	Pub #	Priority Date	App Date	Issue Date	Expiration Date	Matter Sub-Type	Status	Sub Status	Current Owner	Assignee	Title	Business Classification	Inventors
H-KN-01842CN04	CN	201380011981.0	ZL201380011981.0	CN104137458	01/14/2013	01/03/2013	02/17/2016	01/03/2033	National Stage	Active	Issued	Covidien LP	Covidien LP	Wireless Relay Module for Monitoring Network Status	Patient Monitoring & Recovery - PMR - Mansfield | Technology Development	Wiesner, Joel (wiesnj1); Breitweiser, Kenneth (breitk1); Harrington, Stacey (MITG-SH)
H-KN-01842EP04	EP	13738949.0		EP2803565	01/18/2012	01/03/2013			National Stage	Active	Published	Covidien LP	Covidien LP	Wireless Relay Module for Monitoring Network Status	Patient Monitoring & Recovery - PMR - Mansfield | Technology Development	Wiesner, Joel (wiesnj1); Breitweiser, Kenneth (breitk1); Harrington, Stacey (MITG-SH)
H-KN-01842US03	US	5827/DELNP/2014		2015/2035	01/14/2013	01/03/2013			National Stage	Active	Published	Covidien LP	Covidien LP	Wireless Relay Module for Monitoring Network Status	Patient Monitoring & Recovery - PMR - Mansfield | Technology Development	Wiesner, Joel (wiesnj1); Breitweiser, Kenneth (breitk1); Harrington, Stacey (MITG-SH)
H-KN-01842JP04	JP	2014-555508	5877593	2015-507808	01/14/2013	01/03/2013	02/05/2016	01/03/2033	National Stage	Active	Issued	Covidien LP	Covidien LP	Wireless Relay Module for Monitoring Network Status	Patient Monitoring & Recovery - PMR - Mansfield | Technology Development	Wiesner, Joel (wiesnj1); Breitweiser, Kenneth (breitk1); Harrington, Stacey (MITG-SH)
H-KN-01842MX04	MX	MX/a/2014/008580	350316		01/14/2013	01/03/2013	05/26/2015	01/03/2033	National Stage	Active	Issued	Covidien LP	Covidien LP	Wireless Relay Module for Monitoring Network Status	Patient Monitoring & Recovery - PMR - Mansfield | Technology Development	Wiesner, Joel (wiesnj1); Breitweiser, Kenneth (breitk1); Harrington, Stacey (MITG-SH)
H-KN-01842US4	US	13/352575	8833288	20120182927	01/14/2011	01/12/2012	09/16/2014	08/13/2031	Continuation-in-Part	Active	Issued	Covidien LP	Covidien LP	Wireless Relay Module for Monitoring Network Status	Patient Monitoring & Recovery - PMR - Mansfield | Technology Development	Wiesner, Joel (wiesnj1); Breitweiser, Kenneth (breitk1); Harrington, Stacey (MITG-SH)
H-KN-00468US	US	11/741529	7976498	20070219461	07/11/2005	04/27/2007	07/12/2011	11/10/2028	Continuation	Active	Issued	Covidien LP	Covidien LP	Needle Assembly Including Obturator With Safety Reset	Patient Monitoring & Recovery - PMR - Mansfield | Diagnostic	Wiesner, Joel (wiesnj1); Breitweiser, Kenneth (breitk1); Swisher, David (swishd1)
H-KN-00602US1	US	12/757193	8142399	20100198145	03/02/2006	04/09/2010	03/27/2012	03/02/2026	Continuation	Active	Issued	Covidien LP	Covidien LP	Pump Set with Safety Interlock	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Feeding	Wiesner, Joel (wiesnj1); Hanlon, James (COV-PV-JGH)
H-KN-02593.HKN2	HK	16101242.6		1213312A	11/14/2012	09/09/2013		09/09/2033	National Stage	Active	Published	Covidien LP	Covidien LP	Peristaltic Pump Cassette	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Feeding	Wiesner, Joel (wiesnj1); Harr, James (harrj1); Breitweiser, Kenneth (breitk1)
H-KN-02593.USC3	US	15/234,019		US 2016-0346467 A1	11/14/2012	08/11/2016			Continuation	Active	Published	Covidien LP	Covidien LP	Feeding Set with Cassette and Related Methods Therefor	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Feeding	Wiesner, Joel (wiesnj1); Harr, James (harrj1); Breitweiser, Kenneth (breitk1)
H-KN-02593AU01	AU	2013345361	2013345361		11/14/2012	09/09/2013	07/29/2016	09/09/2033	National Stage	Active	Issued	Covidien LP	Covidien LP	Peristaltic Pump Cassette	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Feeding	Wiesner, Joel (wiesnj1); Harr, James (harrj1); Breitweiser, Kenneth (breitk1)
H-KN-02593CA01	CA	2890765			11/14/2012	09/09/2013			National Stage	Active	Filed	Covidien LP	Covidien LP	Peristaltic Pump Cassette	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Feeding	Wiesner, Joel (wiesnj1); Harr, James (harrj1); Breitweiser, Kenneth (breitk1)
H-KN-02593CN01	CN	201380066311.1		CN104870818A	11/14/2012	09/09/2013			National Stage	Active	Published	Covidien LP	Covidien LP	Peristaltic Pump Cassette	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Feeding	Wiesner, Joel (wiesnj1); Harr, James (harrj1); Breitweiser, Kenneth (breitk1)
H-KN-02593EP01	EP	13762712.1		EP2920465	11/14/2012	09/09/2013			National Stage	Active	Published	Covidien LP	Covidien LP	Peristaltic Pump Cassette	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Feeding	Wiesner, Joel (wiesnj1); Harr, James (harrj1); Breitweiser, Kenneth (breitk1)
H-KN-02593JP01	JP	2015-541763		2015-535564	11/14/2012	09/09/2013			National Stage	Active	Published	Covidien LP	Covidien LP	Peristaltic Pump Cassette	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Feeding	Wiesner, Joel (wiesnj1); Harr, James (harrj1); Breitweiser, Kenneth (breitk1)
H-KN-02593KR01	KR	10-2015-7015402			11/14/2012	09/09/2013			National Stage	Active	Filed	Covidien LP	Covidien LP	Peristaltic Pump Cassette	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Feeding	Wiesner, Joel (wiesnj1); Harr, James (harrj1); Breitweiser, Kenneth (breitk1)
H-KN-02593MX01	MX	MX/a/2015/005852			11/14/2012	09/09/2013			National Stage	Active	Filed	Covidien LP	Covidien LP	Peristaltic Pump Cassette	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Feeding	Wiesner, Joel (wiesnj1); Harr, James (harrj1); Breitweiser, Kenneth (breitk1)
H-KN-02593US1	US	14/021567	9,421,322	20140135731	11/14/2012	09/09/2013	08/23/2016	11/15/2033	Utility	Active	Issued	Covidien LP	Covidien LP	Feeding Set with Cassette and Related Methods Therefor	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Feeding	Wiesner, Joel (wiesnj1); Harr, James (harrj1); Breitweiser, Kenneth (breitk1)
H-KN-02922AU	AU	15090/2013	351833		04/23/2013	10/08/2013	11/04/2013	10/08/2023	Design	Active	Issued	Covidien LP	Covidien LP	Feeding Set	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Feeding	Wiesner, Joel (wiesnj1); Harr, James (harrj1); Breitweiser, Kenneth (breitk1)
H-KN-02922CA	CA	153327	153327		04/23/2013	10/01/2013	07/10/2015	07/10/2025	Design	Active	Issued	Covidien LP	Covidien LP	ENTERAL FEEDING SET	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Feeding	Wiesner, Joel (wiesnj1); Harr, James (harrj1); Breitweiser, Kenneth (breitk1)
H-KN-02922CN	CN	201330496656.3	ZL201330496656.3		04/23/2013	10/22/2013	08/27/2014	10/22/2023	Design	Active	Issued	Covidien LP	Covidien LP	Feeding Set	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Feeding	Wiesner, Joel (wiesnj1); Harr, James (harrj1); Breitweiser, Kenneth (breitk1)
H-KN-02922CNDIV	CN	201430090649.8	ZL201430090649.8		04/23/2013	10/22/2013	08/27/2014	10/22/2023	Design	Active	Issued	Covidien LP	Covidien LP	Feeding Set	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Feeding	Wiesner, Joel (wiesnj1); Harr, James (harrj1); Breitweiser, Kenneth (breitk1)
H-KN-02922EM	EU	001387047	001387047-0001		04/23/2013	10/08/2013	12/12/2013	10/08/2038	Design	Active	Issued	Covidien LP	Covidien LP	Feeding Set	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Feeding	Wiesner, Joel (wiesnj1); Harr, James (harrj1); Breitweiser, Kenneth (breitk1)
H-KN-02922JP	JP	2013-24384	1496881		04/23/2013	10/21/2013			Design	Active	Filed	Covidien LP	Covidien LP	Feeding Set	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Feeding	Wiesner, Joel (wiesnj1); Harr, James (harrj1); Breitweiser, Kenneth (breitk1)
H-KN-02922SG	SG	D2013/1354/J	D2013/1354/J		04/23/2013	10/23/2013	01/21/2014	10/23/2028	Design	Active	Issued	Covidien LP	Covidien LP	Feeding Set	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Feeding	Wiesner, Joel (wiesnj1); Harr, James (harrj1); Breitweiser, Kenneth (breitk1)
H-KN-02922US	US	29/452920	D762850		04/23/2013	04/23/2013	08/02/2016	08/02/2030	Design	Active	Issued	Covidien LP	Covidien LP	Cassette	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Feeding	Wiesner, Joel (wiesnj1); Harr, James (harrj1); Breitweiser, Kenneth (breitk1)
H-KN-02922US01	US	29/563,231			04/23/2013	05/03/2016			Divisional	Active	Filed	Covidien LP	Covidien LP	Cassette	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Feeding	Wiesner, Joel (wiesnj1); Harr, James (harrj1); Breitweiser, Kenneth (breitk1)

PATENT
REEL: 044126 FRAME: 0903

Matter #	Country	App #	Patent #	Pub #	Priority Date	App Date	Issue Date	Expiration Date	Matter 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	05/19/2014	11/27/2023	Design	Active	Issued	Covidien LP	Covidien LP	Medical Device Supporting Apparatus	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Feeding	Wiesner, Joel (wiesnj1); Harr, James (harrj1); Breitweiser, Kenneth (breitk1)
H-KN-03076JP	JP	2013-27743	1503937		09/30/2013	11/27/2013	07/04/2014	07/04/2034	Design	Active	Issued	Covidien LP	Covidien LP	Medical Device Supporting Apparatus	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Feeding	Wiesner, Joel (wiesnj1); Harr, James (harrj1); Breitweiser, Kenneth (breitk1)
H-KN-03076JP01	JP	2014-12512	1503972		09/30/2013	11/27/2013	07/04/2014	07/04/2034	Divisional	Active	Issued	Covidien LP	Covidien LP	Medical Device Supporting Apparatus	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Feeding	Wiesner, Joel (wiesnj1); Harr, James (harrj1); Breitweiser, Kenneth (breitk1)
355876AU01	AU	201416183	359354		09/30/2014	11/28/2014	12/10/2014	11/28/2024	Design	Active	Issued	Covidien LP	Covidien LP	Medical Device Supporting Apparatus including Tube Holder	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Feeding	Wiesner, Joel (wiesnj1); Harr, James (harrj1); Breitweiser, Kenneth (breitk1); Trelford, Lester (trelfl1)
355876AU02	AU	201416185	359356		09/30/2014	11/28/2014	12/10/2014	11/28/2024	Design	Active	Issued	Covidien LP	Covidien LP	Tube Holder for a Medical Device Supporting Apparatus	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Feeding	Wiesner, Joel (wiesnj1); Harr, James (harrj1); Breitweiser, Kenneth (breitk1); Trelford, Lester (trelfl1)
355876CA01	CA	159229	159229		09/30/2014	10/20/2014	07/22/2016	07/22/2026	Design	Active	Issued	Covidien LP	Covidien LP	MEDICAL DEVICE SUPPORT HAVING A TUBE HOLDERS	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Feeding	Wiesner, Joel (wiesnj1); Harr, James (harrj1); Breitweiser, Kenneth (breitk1); Trelford, Lester (trelfl1)
355876CA02	CA	162798	162798		09/30/2014	10/20/2014	07/22/2016	07/22/2026	Divisional	Active	Issued	Covidien LP	Covidien LP	MEDICAL DEVICE SUPPORT HAVING TWO TUBE HOLDERS	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Feeding	Wiesner, Joel (wiesnj1); Harr, James (harrj1); Breitweiser, Kenneth (breitk1); Trelford, Lester (trelfl1)
355876CN01	CN	201430480911.X	ZL201430480911.X		09/30/2014	11/28/2014	05/06/2015	11/28/2024	Design	Active	Issued	Covidien LP	Covidien LP	Medical Device Supporting Apparatus including Tube Holder	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Feeding	Wiesner, Joel (wiesnj1); Harr, James (harrj1); Breitweiser, Kenneth (breitk1); Trelford, Lester (trelfl1)
355876JP01	JP	2014-28014	1522174		09/30/2014	12/16/2014	03/20/2015	03/20/2035	Design	Active	Issued	Covidien LP	Covidien LP	Tube Holder for a Medical Device Supporting Apparatus	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Feeding	Wiesner, Joel (wiesnj1); Harr, James (harrj1); Breitweiser, Kenneth (breitk1); Trelford, Lester (trelfl1)
355876JP02	JP	2014-28015	1522175		09/30/2014	12/16/2014	03/20/2015	03/20/2035	Design	Active	Issued	Covidien LP	Covidien LP	Tube Holder for a Medical Device Supporting Apparatus	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Feeding	Wiesner, Joel (wiesnj1); Harr, James (harrj1); Breitweiser, Kenneth (breitk1); Trelford, Lester (trelfl1)
355876SG01	SG	30201400158U	30201400158U		09/30/2014	12/03/2014	02/02/2015	12/03/2029	Design	Active	Issued	Covidien LP	Covidien LP	Tube Holder for a Medical Device Supporting Apparatus	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Feeding	Wiesner, Joel (wiesnj1); Harr, James (harrj1); Breitweiser, Kenneth (breitk1); Trelford, Lester (trelfl1)
355876SG02	SG	30201400159Y	30201400159Y		09/30/2014	12/03/2014	02/02/2015	12/03/2029	Design	Active	Issued	Covidien LP	Covidien LP	Tube Holder for a Medical Device Supporting Apparatus	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Feeding	Wiesner, Joel (wiesnj1); Harr, James (harrj1); Breitweiser, Kenneth (breitk1); Trelford, Lester (trelfl1)
H-KN-03076SG	SG	D2013/1525/Z	D2013/1525/Z		09/30/2013	11/27/2013	03/18/2014	11/27/2028	Design	Active	Issued	Covidien LP	Covidien LP	Medical Device Supporting Apparatus	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Feeding	Wiesner, Joel (wiesnj1); Harr, James (harrj1); Breitweiser, Kenneth (breitk1); Trelford, Lester (trelfl1)
H-KN-03076US	US	29/468393	D762300		09/30/2013	09/30/2013	07/26/2016	07/26/2030	Design	Active	Issued	Covidien LP	Covidien LP	Medical Device Supporting Apparatus	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Feeding	Wiesner, Joel (wiesnj1); Harr, James (harrj1); Breitweiser, Kenneth (breitk1); Trelford, Lester (trelfl1)
H-KN-03076CA	CA	154089	154089		09/30/2013	11/22/2013	07/22/2016	07/22/2026	Design	Active	Issued	Covidien LP	Covidien LP	MEDICAL DEVICE SUPPORT	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Feeding	Wiesner, Joel (wiesnj1); Harr, James (harrj1); Breitweiser, Kenneth (breitk1); Trelford, Paul (MITG-PT2)
H-KN-00635US	US	11/744710	7980521	20080272254	05/04/2007	05/04/2007	07/19/2011	02/17/2030	Utility	Active	Issued	Covidien LP	Covidien LP	Medical Device Safety Support With Infinite Positioning	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Feeding	Wiesner, Joel (wiesnj1); Harr, James (harrj1); Fournie, Glenn (MITG-GGF1); Kimsey, Scott (MITG-SK8); Sisk, Ricky (MITG-RAS5)
H-KN-03821WO	IN	8032/DELNP/2014		8032/DELNP/2014 A	03/31/2011	01/15/2013			National Stage	Active	Published	Covidien LP	Covidien LP	Remote Monitoring Systems And Methods For Medical Devices	Patient Monitoring & Recovery - PMR - Mansfield | Technology Development	Wiesner, Joel (wiesnj1); Hannigan, Stacey (MITG-SSH)
H-KN-03821US1	US	13/353608	9,626,511	20120226771	03/31/2011	01/18/2012	11/15/2016	03/31/2031	Continuation-in-Part	Active	Issued	Covidien LP	Covidien LP	Remote Monitoring Systems And Methods for Medical Devices	Patient Monitoring & Recovery - PMR - Mansfield | Technology Development	Wiesner, Joel (wiesnj1); Hannigan, Stacey (MITG-SSH)
356072.AUD2	AU	201615354	201615354		03/30/2016	09/23/2016	11/03/2016	09/23/2026	Design	Active	Issued	Covidien LP	Covidien LP	MEDICAL BAG AND PUMP SUPPORT	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Feeding	Wiesner, Joel (wiesnj1); Markwardt, Jeffrey (markwj1); Breitweiser, Kenneth (breitk1); Biermann, Wayne (biermw1); Harris, Benjamin (MITG-BH)
356072.CAD3	CA	170774			03/30/2016	09/30/2016			Design	Active	Filed	Covidien LP	Covidien LP	BACKPACK WITH MEDICAL BAG AND PUMP SUPPORT	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Feeding	Wiesner, Joel (wiesnj1); Markwardt, Jeffrey (markwj1); Breitweiser, Kenneth (breitk1); Biermann, Wayne (biermw1); Harris, Benjamin (MITG-BH)
356072.EUD5	EU	003382001			03/30/2016	09/16/2016			Design	Active	Filed	Covidien LP	Covidien LP	MEDICAL BAG AND PUMP SUPPORT	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Feeding	Wiesner, Joel (wiesnj1); Markwardt, Jeffrey (markwj1); Breitweiser, Kenneth (breitk1); Biermann, Wayne (biermw1); Harris, Benjamin (MITG-BH)
356072.JPD6	JP	2016-20822			03/30/2016	09/28/2016			Design	Active	Allowed	Covidien LP	Covidien LP	MEDICAL PUMP SUPPORT	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Feeding	Wiesner, Joel (wiesnj1); Markwardt, Jeffrey (markwj1); Breitweiser, Kenneth (breitk1); Biermann, Wayne (biermw1); Harris, Benjamin (MITG-BH)
356072US01	US	29/559,631			03/30/2016	03/30/2016			Design	Active	Filed	Covidien LP	Covidien LP	MEDICAL BAG AND PUMP SUPPORT	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Feeding	Wiesner, Joel (wiesnj1); Markwardt, Jeffrey (markwj1); Breitweiser, Kenneth (breitk1); Biermann, Wayne (biermw1); Harris, Benjamin (MITG-BH)
356073.WOU4	WO	PCT/US2016/024900			03/30/2016	03/30/2016		10/30/2018	Utility	Active	Filed	Covidien LP	Covidien LP	ENTERAL FEEDING BAG AND PUMP SUPPORT	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Feeding	Wiesner, Joel (wiesnj1); Markwardt, Jeffrey (markwj1); Breitweiser, Kenneth (breitk1); Biermann, Wayne (biermw1); Harris, Benjamin (MITG-BH)
356073US02	US	15/084,694		US 2016-0317392 A1	03/30/2015	03/30/2016			Utility	Active	Published	Covidien LP	Covidien LP	ENTERAL FEEDING BAG AND PUMP SUPPORT	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Feeding	Wiesner, Joel (wiesnj1); Markwardt, Jeffrey (markwj1); Breitweiser, Kenneth (breitk1); Biermann, Wayne (biermw1); Harris, Benjamin (MITG-BH)

PATENT
REEL: 044126 FRAME: 0904

Matter #	Country	App #	Patent #	Pub #	Priority Date	App Date	Issue Date	Expiration Date	Matter Sub-Type	Status	Sub Status	Current Owner	Assignee	Title	Business Classification	Inventors
H-KN-03174.USU3	US	15/242,645			08/27/2015	08/22/2016			Utility	Active	Filed	Covidien LP	Covidien LP	Temperature Sensing Syringe for Enteral Feeding Neonates	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Feeding	Wiesner, Joel (wiesnj1); Swisher, David (swishd1); Biermann, Wayne (biermw1); Dorsey, Michael (dorsem1)
H-KN-00602CA	CA	2594084	2594084	2594084	01/05/2007	07/19/2007	11/09/2010	07/19/2027	Utility	Active	Issued	Covidien LP	Covidien LP	Pump Set With Safety Interlock	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Feeding	Wiesner, Joel (wiesnj1); Swisher, David (swishd1); Hanlon, James (COV-PV-JGH); Meier, Kevin (MITG-KM)
H-KN-00602MX	MX	MX/a/2007/009163	281742		01/05/2007	07/30/2007	12/06/2010	07/30/2027	Utility	Active	Issued	Covidien LP	Covidien LP	Pump Set With Safety Interlock	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Feeding	Wiesner, Joel (wiesnj1); Swisher, David (swishd1); Hanlon, James (COV-PV-JGH); Meier, Kevin (MITG-KM)
H-KN-00602US	US	11/620353	7722562	20070253833	03/02/2006	01/05/2007	05/25/2010	01/31/2027	Continuation-in-Part	Active	Issued	Covidien LP	Covidien LP	Pump Set With Safety Interlock	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Feeding	Wiesner, Joel (wiesnj1); Swisher, David (swishd1); Hanlon, James (COV-PV-JGH); Meier, Kevin (MITG-KM)
H-KN-00996EM	EU	001005425	011005425-0001		03/21/2008	09/18/2008	09/18/2008	09/18/2033	Design	Active	Issued	Covidien LP	Covidien LP	Blow-molded, Seamless Pneumatic Accumulator for a Compression Device	Patient Monitoring & Recovery - PMR - Mansfield | Vascular Compression	Wudyka, Scott (wudyks1)
H-KN-02766.KRN4	KR	10-2016-7007613			09/27/2013	09/08/2014		09/08/2034	National Stage	Active	Filed	Covidien LP	Covidien LP	Compression Garment Controlling	Patient Monitoring & Recovery - PMR - Mansfield | Vascular Compression	Wudyka, Scott (wudyks1); Crowley, Peter (MITG-PC3)
1828KAU	AU	2005216923	2005216923		02/23/2004	02/23/2005	09/10/2009	02/23/2025	National Stage	Active	Issued	Covidien LP	Covidien LP	Compression Treatment System	Patient Monitoring & Recovery - PMR - Mansfield | Vascular Compression	Wudyka, Scott (wudyks1); Vess, Mark (MITG-MAV3); Perry, Matthew (MITG-MJP)
1828KCN	CN	200580004326.0	ZL200580004326.0	CN1917842A	02/23/2004	02/23/2005	01/16/2012	02/23/2025	National Stage	Active	Issued	Covidien LP	Covidien LP	Compression Treatment System	Patient Monitoring & Recovery - PMR - Mansfield | Vascular Compression	Wudyka, Scott (wudyks1); Vess, Mark (MITG-MAV3); Perry, Matthew (MITG-MJP)
1828KCNDIV	CN	201210098027.X	ZL201210098027.X	CN102614074A	02/23/2004	02/23/2005	07/23/2015	02/23/2025	Divisional	Active	Issued	Covidien LP	Covidien LP	Compression Treatment System	Patient Monitoring & Recovery - PMR - Mansfield | Vascular Compression	Wudyka, Scott (wudyks1); Vess, Mark (MITG-MAV3); Perry, Matthew (MITG-MJP)
1828KDE	DE	05713933.9	602005039006.5	1722738	02/23/2004	02/23/2005	04/10/2013	02/23/2025	National Stage	Active	Issued	Covidien LP	Covidien LP	Compression Treatment System	Patient Monitoring & Recovery - PMR - Mansfield | Vascular Compression	Wudyka, Scott (wudyks1); Vess, Mark (MITG-MAV3); Perry, Matthew (MITG-MJP)
1828KEPDIV1	EP	10185260.6		EP2314268	02/23/2004	10/01/2010			Divisional	Active	Published	Covidien LP	Covidien LP	Compression Treatment System	Patient Monitoring & Recovery - PMR - Mansfield | Vascular Compression	Wudyka, Scott (wudyks1); Vess, Mark (MITG-MAV3); Perry, Matthew (MITG-MJP)
1828KES	ES	05713933.9	ES2414880T3	1722738	02/23/2004	02/23/2005	04/10/2013	02/23/2025	National Stage	Active	Issued	Covidien LP	Covidien LP	Compression Treatment System	Patient Monitoring & Recovery - PMR - Mansfield | Vascular Compression	Wudyka, Scott (wudyks1); Vess, Mark (MITG-MAV3); Perry, Matthew (MITG-MJP)
1828KFR	FR	05713933.9	1722738	1722738	02/23/2004	02/23/2005	04/10/2013	02/23/2025	National Stage	Active	Issued	Covidien LP	Covidien LP	Compression Treatment System	Patient Monitoring & Recovery - PMR - Mansfield | Vascular Compression	Wudyka, Scott (wudyks1); Vess, Mark (MITG-MAV3); Perry, Matthew (MITG-MJP)
1828KGB	GB	05713933.9	1722738	1722738	02/23/2004	02/23/2005	04/10/2013	02/23/2025	National Stage	Active	Issued	Covidien LP	Covidien LP	Compression Treatment System	Patient Monitoring & Recovery - PMR - Mansfield | Vascular Compression	Wudyka, Scott (wudyks1); Vess, Mark (MITG-MAV3); Perry, Matthew (MITG-MJP)
1828KIL	IL	176410	176410	12/2009	02/23/2004	02/23/2005	09/17/2010	02/23/2025	National Stage	Active	Issued	Covidien LP	Covidien LP	Compression Treatment System	Patient Monitoring & Recovery - PMR - Mansfield | Vascular Compression	Wudyka, Scott (wudyks1); Vess, Mark (MITG-MAV3); Perry, Matthew (MITG-MJP)
1828KIT	IT	05713933.9	1722738	1722738	02/23/2004	02/23/2005	04/10/2013	02/23/2025	National Stage	Active	Issued	Covidien LP	Covidien LP	Compression Treatment System	Patient Monitoring & Recovery - PMR - Mansfield | Vascular Compression	Wudyka, Scott (wudyks1); Vess, Mark (MITG-MAV3); Perry, Matthew (MITG-MJP)
1828KJP	JP	2006-554296	4571156	P2007522889A	02/23/2004	02/23/2005	08/20/2010	02/23/2025	National Stage	Active	Issued	Covidien LP	Covidien LP	Compression Treatment System	Patient Monitoring & Recovery - PMR - Mansfield | Vascular Compression	Wudyka, Scott (wudyks1); Vess, Mark (MITG-MAV3); Perry, Matthew (MITG-MJP)
1828KKR	KR	10-2006-7016796	10-0914569		02/23/2004	02/23/2005	08/21/2009	02/23/2025	National Stage	Active	Issued	Covidien LP	Covidien LP	Compression Treatment System	Patient Monitoring & Recovery - PMR - Mansfield | Vascular Compression	Wudyka, Scott (wudyks1); Vess, Mark (MITG-MAV3); Perry, Matthew (MITG-MJP)
1828KUS1	US	10/784323	7354410	20050187500	02/23/2004	02/23/2004	04/08/2008	12/31/2024	Utility	Active	Issued	Covidien LP	Covidien LP	COMPRESSION TREATMENT SYSTEM	Patient Monitoring & Recovery - PMR - Mansfield | Vascular Compression	Wudyka, Scott (wudyks1); Vess, Mark (MITG-MAV3); Perry, Matthew (MITG-MJP)
1828KUS2	US	11/143548	7354411	20050222526	02/23/2004	06/02/2005	04/08/2008	02/27/2025	Continuation-in-Part	Active	Issued	Covidien LP	Covidien LP	Garment Detection Method and System for Delivering Compression Treatment	Patient Monitoring & Recovery - PMR - Mansfield | Vascular Compression	Wudyka, Scott (wudyks1); Vess, Mark (MITG-MAV3); Perry, Matthew (MITG-MJP)
1828KUS4	US	12/813597	8734369	20100249679	11/21/2007	06/11/2010	05/27/2014	06/19/2026	Continuation	Active	Issued	Covidien LP	Covidien LP	Garment Detection Method and System for Delivering Compression Treatment	Patient Monitoring & Recovery - PMR - Mansfield | Vascular Compression	Wudyka, Scott (wudyks1); Vess, Mark (MITG-MAV3); Perry, Matthew (MITG-MJP)
1828KUS5	US	14/215381		US-2014-0207036-A1	06/11/2010	03/17/2014			Divisional	Active	Published	Covidien LP	Covidien LP	Garment Detection Method and System for Delivering Compression Treatment	Patient Monitoring & Recovery - PMR - Mansfield | Vascular Compression	Wudyka, Scott (wudyks1); Vess, Mark (MITG-MAV3); Perry, Matthew (MITG-MJP)
H-NS-01186DE	DE	09011588.2	2191766	2191766	11/28/2008	09/10/2009	09/07/2011	09/10/2029	National Stage	Active	Issued	Covidien LP	Covidien LP	DEVICE FOR PREVENTING SLIPPAGE OF PROTECTIVE COVERS AND AN ENDOSCOPE SET	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Gastrointestinal	YAMADA, Yoshitaka (MITG-YY4)
H-NS-01186FR	FR	09011588.2	2191766	2191766	11/28/2008	09/10/2009	09/07/2011	09/10/2029	National Stage	Active	Issued	Covidien LP	Covidien LP	DEVICE FOR PREVENTING SLIPPAGE OF PROTECTIVE COVERS AND AN ENDOSCOPE SET	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Gastrointestinal	YAMADA, Yoshitaka (MITG-YY4)
H-NS-01186GB	GB	09011588.2	2191766	2191766	11/28/2008	09/10/2009	09/07/2011	09/10/2029	National Stage	Active	Issued	Covidien LP	Covidien LP	DEVICE FOR PREVENTING SLIPPAGE OF PROTECTIVE COVERS AND AN ENDOSCOPE SET	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Gastrointestinal	YAMADA, Yoshitaka (MITG-YY4)
H-NS-01250US	US	14/352081	8961456	20140236081	10/20/2011	10/19/2012	02/24/2015	10/20/2031	National Stage	Active	Issued	Covidien LP	Covidien LP	Fistula Catheter	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Gastrointestinal	YAMOTO, Natsuko (MITG-NY3)
H-NS-01249.DEN1	DE	12834880.2	2760519	EP2760519	09/29/2011	09/28/2012	03/02/2016	09/28/2032	National Stage	Active	Issued	Covidien LP	Covidien LP	Fistula Catheter	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Gastrointestinal	YAMOTO, Natsuko (MITG-NY3); Funamura, Shigeaki (MITG-SF6)
H-NS-01249.FRN2	FR	12834880.2	2760519	EP2760519	09/29/2011	09/28/2012	03/02/2016	09/28/2032	National Stage	Active	Issued	Covidien LP	Covidien LP	Fistula Catheter	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Gastrointestinal	YAMOTO, Natsuko (MITG-NY3); Funamura, Shigeaki (MITG-SF6)
H-NS-01249.GBN3	GB	12834880.2	2760519	EP2760519	09/29/2011	09/28/2012	03/02/2016	09/28/2032	National Stage	Active	Issued	Covidien LP	Covidien LP	Fistula Catheter	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Gastrointestinal	YAMOTO, Natsuko (MITG-NY3); Funamura, Shigeaki (MITG-SF6)
H-NS-01249US	US	14/347857	9126014	20140336585	09/29/2011	09/28/2012	09/08/2015	09/28/2032	National Stage	Active	Issued	Covidien LP	Covidien LP	Fistula Catheter	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Gastrointestinal	YAMOTO, Natsuko (MITG-NY3); Funamura, Shigeaki (MITG-SF6)

Matter #	Country	App #	Patent #	Pub #	Priority Date	App Date	Issue Date	Expiration Date	Matter Sub-Type	Status	Sub Status	Current Owner	Assignee	Title	Business Classification	Inventors
H-KN-00491US	US	11/539545	7507021	20080112464	10/06/2006	10/06/2006	03/24/2009	11/27/2026	Utility	Active	Issued	Covidien LP	Covidien LP	Automatic Activating System for Thermometer	Patient Monitoring & Recovery - PMR - Mansfield | Thermometry | Other Thermometry	Yerlikaya, Denis (MITG-DYY); Price, Jeffrey (MITG-JEP2)
H-NS-01190DE01	DE	10002474.4	602010030494.9	EP2233063	03/24/2009	03/10/2010	02/10/2016	03/10/2030	National Stage	Active	Issued	Covidien LP	Covidien LP	Bending Instrument for an Endoscope and Endoscope Set	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Access	Yokoyama, Masatoshi (yokoym2); Funamura, Shigeaki (MITG-SF6); SATOH, Takashi (MITG-TS14)
H-NS-01190FR01	FR	10002474.4	2233063	EP2233063	03/24/2009	03/10/2010	02/10/2016	03/10/2030	National Stage	Active	Issued	Covidien LP	Covidien LP	Bending Instrument for an Endoscope and Endoscope Set	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Access	Yokoyama, Masatoshi (yokoym2); Funamura, Shigeaki (MITG-SF6); SATOH, Takashi (MITG-TS14)
H-NS-01190GB01	GB	10002474.4	2233063	EP2233063	03/24/2009	03/10/2010	02/10/2016	03/10/2030	National Stage	Active	Issued	Covidien LP	Covidien LP	Bending Instrument for an Endoscope and Endoscope Set	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Access	Yokoyama, Masatoshi (yokoym2); Funamura, Shigeaki (MITG-SF6); SATOH, Takashi (MITG-TS14)
H-NS-01189.DEN1	DE	10000020.7	2206458	EP2206458	01/09/2009	01/05/2010	04/27/2016	01/05/2030	National Stage	Active	Issued	Covidien LP	Covidien LP	PLUG AND CONNECTING STRUCTURE FOR ENDOSCOPE PROVIDED THEREWITH	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Access	Yokoyama, Masatoshi (yokoym2); IWAMIZU, Keita (MITG-KI4)
H-NS-01189.FRN2	FR	10000020.7	2206458	EP2206458	01/09/2009	01/05/2010	04/27/2016	01/05/2030	National Stage	Active	Issued	Covidien LP	Covidien LP	PLUG AND CONNECTING STRUCTURE FOR ENDOSCOPE PROVIDED THEREWITH	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Access	Yokoyama, Masatoshi (yokoym2); IWAMIZU, Keita (MITG-KI4)
H-NS-01189.GBN3	GB	10000020.7	2206458	EP2206458	01/09/2009	01/05/2010	04/27/2016	01/05/2030	National Stage	Active	Issued	Covidien LP	Covidien LP	PLUG AND CONNECTING STRUCTURE FOR ENDOSCOPE PROVIDED THEREWITH	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Access	Yokoyama, Masatoshi (yokoym2); IWAMIZU, Keita (MITG-KI4)
H-NS-01189CA	CA	2689768	2689768	2689768	01/09/2009	01/06/2010	11/17/2015	01/06/2030	Utility	Active	Issued	Covidien LP	Covidien LP	PLUG AND CONNECTING STRUCTURE FOR ENDOSCOPE PROVIDED THEREWITH	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Access	Yokoyama, Masatoshi (yokoym2); IWAMIZU, Keita (MITG-KI4)
H-NS-01189US	US	12/651705	8348524	20100178014	01/09/2009	01/04/2010	01/08/2013	11/09/2029	Utility	Active	Issued	Covidien LP	Covidien LP	Plug and Connecting Structure for Endoscope	Patient Monitoring & Recovery - PMR - Mansfield | Nutritional Care | Enteral Access	Yokoyama, Masatoshi (yokoym2); IWAMIZU, Keita (MITG-KI4)
H-NS-00127US1	US	12/691787	8132470	20100263455	09/25/2008	01/22/2010	03/13/2012	09/02/2029	Continuation-in-Part	Active	Issued	Covidien LP	Covidien LP	Fluid Flow Detector Having a Mobile Body Moving Between a Detection Channel and a Discharge Channel	Patient Monitoring & Recovery - PMR - Mansfield | Intravenous Access/Prefill | Other Intravenous Access/Prefill	Yokoyama, Masatoshi (yokoym2); Watanabe, Motonori (watanm9); AKAIKE, Yoshimi (MITG-YA); SUZUKI, Nobuaki (MITG-NS6); KOIKE, Kazuhiro (MITG-KK8)
H-KN-02246.USC2	US	15/230,935		US 2016-0338610 A1	07/22/2011	08/08/2016			Continuation	Active	Published	Covidien LP	Covidien LP	ECG Electrode Connector	Patient Monitoring & Recovery - PMR - Mansfield | Monitoring & Operating Room | Other MORP	Yu, Peter (MITG-PY1); Zhou, David (MITG-DZ1)
H-KN-02246CA	CA	2841601		2841601	07/19/2011	07/22/2011			National Stage	Active	Published	Covidien LP	Covidien LP	ECG Electrode Connector	Patient Monitoring & Recovery - PMR - Mansfield | Monitoring & Operating Room | Other MORP	Yu, Peter (MITG-PY1); Zhou, David (MITG-DZ1)
H-KN-02246CN	CN	201180072455.9	ZL 201180072455.9	103687537A	07/19/2011	07/22/2011	02/24/2016	07/22/2031	National Stage	Active	Issued	Covidien LP	Covidien LP	ECG Electrode Connector	Patient Monitoring & Recovery - PMR - Mansfield | Monitoring & Operating Room | Other MORP	Yu, Peter (MITG-PY1); Zhou, David (MITG-DZ1)
H-KN-02246EP	EP	11869957.8		2734106	07/19/2011	01/14/2014			National Stage	Active	Published	Covidien LP	Covidien LP	ECG Electrode Connector	Patient Monitoring & Recovery - PMR - Mansfield | Monitoring & Operating Room | Other MORP	Yu, Peter (MITG-PY1); Zhou, David (MITG-DZ1)
H-KN-02246US1	US	14/160798	9,408,547	20140309514	07/22/2011	01/22/2014	08/09/2016	07/22/2031	Continuation	Active	Issued	Covidien LP	Covidien LP	ECG Electrode Connector	Patient Monitoring & Recovery - PMR - Mansfield | Monitoring & Operating Room | Other MORP	Yu, Peter (MITG-PY1); Zhou, David (MITG-DZ1)
H-KN-00512CA	CA	2603709	2603709	2603709	09/28/2006	09/25/2007	06/07/2016	09/25/2027	Utility	Active	Issued	Covidien LP	Covidien LP	Cable Monitoring Apparatus	Patient Monitoring & Recovery - PMR - Mansfield | Monitoring & Operating Room | Other MORP	Zaiken, Eliot (MITG-EJZ); Meyer, Peter F. (MITG-PM10)
H-KN-00512EP	EP	07253880.7		EP1908859	09/28/2006	09/27/2007			Utility	Active	Published Response	Covidien LP	Covidien LP	Cable Monitoring Apparatus	Patient Monitoring & Recovery - PMR - Mansfield | Monitoring & Operating Room | Other MORP	Zaiken, Eliot (MITG-EJZ); Meyer, Peter F. (MITG-PM10)
H-KN-00512EPDIV	EP	14168857.2		2772188	09/28/2006	09/27/2007			Divisional	Active	Published	Covidien LP	Covidien LP	Cable Monitoring Apparatus	Patient Monitoring & Recovery - PMR - Mansfield | Monitoring & Operating Room | Other MORP	Zaiken, Eliot (MITG-EJZ); Meyer, Peter F. (MITG-PM10)
H-KN-00512JP	JP	2007-254792	5489398	2008-80135	09/28/2006	09/28/2007	03/07/2014	09/28/2027	Utility	Active	Issued	Covidien LP	Covidien LP	Cable Monitoring Apparatus	Patient Monitoring & Recovery - PMR - Mansfield | Monitoring & Operating Room | Other MORP	Zaiken, Eliot (MITG-EJZ); Meyer, Peter F. (MITG-PM10)
H-KN-00512MX	MX	MX/a/2007/012064	289348		09/28/2006	09/28/2007	08/16/2011	09/28/2027	Utility	Active	Issued	Covidien LP	Covidien LP	Cable Monitoring Apparatus	Patient Monitoring & Recovery - PMR - Mansfield | Monitoring & Operating Room | Other MORP	Zaiken, Eliot (MITG-EJZ); Meyer, Peter F. (MITG-PM10)
H-KN-00512US	US	11/528914	8109883	20080081954	09/28/2006	09/28/2006	02/07/2012	01/24/2027	Utility	Active	Issued	Covidien LP	Covidien LP	Cable Monitoring Apparatus	Patient Monitoring & Recovery - PMR - Mansfield | Monitoring & Operating Room | Other MORP	Zaiken, Eliot (MITG-EJZ); Meyer, Peter F. (MITG-PM10)
H-KN-00512US1	US	13/344018	8821405	20120130239	09/28/2006	01/05/2012	09/02/2014	10/10/2026	Divisional	Active	Issued	Covidien LP	Covidien LP	Cable Monitoring Apparatus	Patient Monitoring & Recovery - PMR - Mansfield | Monitoring & Operating Room | Other MORP	Zaiken, Eliot (MITG-EJZ); Meyer, Peter F. (MITG-PM10)

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