

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT5794668

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| SUBMISSION TYPE: | NEW ASSIGNMENT |
| NATURE OF CONVEYANCE: | ASSIGNMENT |
| CONVEYING PARTY DATA | |
| Name | Execution Date |
| ETHICON, INC. | 04/01/2019 |
| RECEIVING PARTY DATA | |
| Name: | ASP GLOBAL MANUFACTURING GMBH |
| Street Address: | IM MAJORENACKER 10 |
| City: | SCHAFFHAUSEN |
| State/Country: | SWITZERLAND |
| Postal Code: | 8207 |
| PROPERTY NUMBERS Total: 8 | |
| Property Type | Number |
| Application Number: | 16533147 |
| Application Number: | 16574654 |
| Application Number: | 62691224 |
| Application Number: | 62692268 |
| Application Number: | 62692278 |
| Application Number: | 61196713 |
| Application Number: | 61196715 |
| Application Number: | 61196714 |
| CORRESPONDENCE DATA | |
| Fax Number: | (412)355-6501 |
| <i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i> | |
| Phone: | 4123556323 |
| Email: | piuspatents@klgates.com |
| Correspondent Name: | K&L GATES LLP - WILLIAM E. KUSS |
| Address Line 1: | 210 SIXTH AVENUE |
| Address Line 2: | K&L GATES CENTER |
| Address Line 4: | PITTSBURGH, PENNSYLVANIA 15222-2613 |
| ATTORNEY DOCKET NUMBER: | 0246519.XXXXX |
| NAME OF SUBMITTER: | WILLIAM E. KUSS |
| SIGNATURE: | /William E. Kuss/ |

PATENT

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PATENT ASSIGNMENT

This PATENT ASSIGNMENT (this "Patent Assignment") is made and entered into as of April 1, 2019 between Ethicon, Inc., a New Jersey corporation ("Assignor"), and ASP Global Manufacturing GmbH, a Swiss limited liability company ("Assignee").

WHEREAS, pursuant to, and upon the terms of, that certain Stock and Asset Purchase Agreement dated as of June 6, 2018 (the "Stock and Asset Purchase Agreement"), between Assignor and Fortive Corporation, a Delaware corporation ("Buyer"), Buyer agreed to purchase, acquire and accept (either directly or through one or more of its Affiliates), Assignor's worldwide right, title and interest in, to and under all patents and patent applications, utility models and industrial designs, and all applications and registrations therefor set forth on Schedule A hereto, together with all reissuances, divisions, renewals, revisions, extensions (including any supplementary protection certificates), reexaminations, provisionals, continuations and continuations-in-part with respect thereto and including all foreign equivalents (hereinafter collectively referred to as the "Patents"). Each capitalized term used and not defined in this Patent Assignment shall have the meaning assigned to it in the Stock and Asset Purchase Agreement; and

WHEREAS, in accordance therewith, Assignor desires to sell, convey, transfer and assign to Assignee, which has been designated by Buyer, and Assignee desires to accept the sale, conveyance, transfer and assignment of all of Assignor's worldwide right, title and interest in, to and under such Patents and in and to the inventions represented thereby.

NOW, THEREFORE, Assignor, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, does hereby sell, convey, transfer and assign to Assignee, and Assignee hereby accepts the transfer and assignment of, all of Assignor's worldwide right, title and interest in, to and under the Patents identified on Schedule A and all rights to the inventions described and claimed therein, together with the right to claim priority in all foreign countries identified on Schedule A in accordance with international Law, any and all rights corresponding to such Patents in foreign countries identified on Schedule A throughout the world and all of Assignor's rights and actions for past infringement and/or misappropriation, all to be held and enjoyed by Assignee, its successors and assigns, as fully and entirely as the same would have been held and enjoyed by Assignor had this Patent Assignment not been made.

This Patent Assignment and the rights and obligations hereunder shall be binding upon and inure solely to the benefit of the parties hereto and their respective successors and permitted assigns.

Neither the making nor the acceptance of this sale, conveyance, assignment and transfer shall enlarge, restrict or otherwise modify the terms of the Stock and Asset Purchase Agreement or constitute a waiver or release by any party to the Stock and Asset Purchase Agreement of any liabilities, duties or obligations imposed thereby.

Except to the extent that U.S. federal law preempts state law with respect to the matters

covered hereby, this Patent Assignment, and all claims or causes of action (whether in contract, tort or otherwise) that may be based upon, arise out of or relate to this Patent Assignment, or the negotiation, execution or performance of 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. **IN CONNECTION WITH ANY DISPUTE HEREUNDER, EACH PARTY HERETO WAIVES ITS RIGHT TO TRIAL OF ANY ISSUE BY JURY.**

This Patent Assignment may be executed in two or more counterparts, each of which shall be deemed to be an original and all of which shall be deemed to constitute the same Patent Assignment. This Patent Assignment may be executed by facsimile or .pdf signature and a facsimile or .pdf signature shall constitute an original for all purposes.

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IN WITNESS WHEREOF, Assignor and Assignee have caused this Patent Assignment to be executed by their respective duly authorized officers as of the date first above written.

ETHICON, INC.

By: 

Name: Richard Dickinson

Title: Vice President, Business Development

ASP GLOBAL MANUFACTURING GMBH

By: _____

Name: Rajesh Yadava

Title: Director

[Signature Page to Patent Assignment]

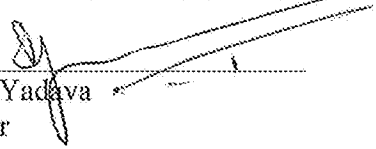
[[3901612]]

IN WITNESS WHEREOF, Assignor and Assignee have caused this Patent Assignment to be executed by their respective duly authorized officers as of the date first above written.

ETHICON, INC.

By:

ASP GLOBAL MANUFACTURING GMBH

By: 

Name: Rajesh Yadava

Title: Director

{Signature Page to Patent Assignment}

SCHEDULE A

Patents

See attached.

Transferred Patents

| Patent Family # | Internal reference | Country [W] | Filing date | Filing number | Grant Date | Grant number | Short Title |
|-----------------|--------------------|------------------------------------|-------------|---------------|------------|--------------|---|
| ASP5016 | ASP5016BRNP | BRAZIL | 4-Mar-05 | P10500702-0 | 23-Jan-15 | P10500702-0 | METHOD OF DELIVERING LIQUID STERILANT TO A STERILIZER |
| ASP5019 | ASP5019INNP | INDIA | 27-May-05 | 449/KOL/05 | 29-Oct-18 | 302504 | sterilization/disinfection cycle control |
| ASP5072 | ASP5072CAPCT | CANADA | 5-Oct-09 | 2740425 | 18-Dec-18 | 2740425 | ENDSCOPE CHANNEL SEPARATOR |
| ASP5099 | ASP5099RUPCD1 | RUSSIAN FEDERATION | 18-Oct-12 | 2016142203 | 10-Jan-19 | 2676689 | INSTRUMENT REPROCESSOR AND INSTRUMENT REPROCESSING METHODS |
| ASP5099 | ASP5099TWDIV1 | TAIWAN | 19-Oct-12 | 106119174 | 1-Oct-18 | 1636833 | INSTRUMENT REPROCESSOR AND INSTRUMENT REPROCESSING METHODS |
| ASP5099 | ASP5099TWNP | TAIWAN | 19-Oct-12 | 101138554 | 11-Apr-18 | 1620602 | INSTRUMENT REPROCESSOR AND INSTRUMENT REPROCESSING METHODS |
| ASP5099 | ASP5099USDIV1 | UNITED STATES OF AMERICA | 5-Nov-14 | 14533789 | 5-Jun-18 | 9987385 | INSTRUMENT REPROCESSOR AND INSTRUMENT REPROCESSING METHODS |
| ASP5105 | ASP5105EPEPA | EUROPEAN PROCEDURE (EPO Procedure) | 27-Feb-14 | 14157089.5 | 14-Nov-18 | 2772220 | LEAKAGE DETECTION IN A MEDICAL DEVICE |
| ASP5105 | ASP5105JPNP | JAPAN | 26-Feb-14 | 2014-035004 | 12-Oct-18 | 6415826 | LEAKAGE DETECTION IN A MEDICAL DEVICE |
| ASP5110 | ASP5110USNP | UNITED STATES OF AMERICA | 18-May-16 | 15157800 | 12-Feb-19 | 10201269 | Apparatus and Method for Reprocessing a Medical Device |
| ASP6004 | ASP6004USPSP1 | US | 09 Jan 2019 | 627790148 | | | A METHOD AND A SYSTEM FOR DETERMINING ANALYTE CONTENT IN A FLUID IN A TREATMENT APPARATUS |
| ASP6001 | ASP6001USPSP1 | US | 28 Dec 2018 | 627786075 | | | Combination Cleaning Indicator and Biological Indicator |
| ASP6002 | ASP6002USPSP1 | US | 28 Dec 2018 | 627785971 | | | ARTICLE, SYSTEM, AND METHOD FOR INDICATION OF TREATMENT |
| ASP6005 | ASP6005USPSP1 | US | 20 Dec 2018 | 627782931 | | | BIOLOGICAL INDICATOR FOR LIQUID-CHEMICAL STERILIZATION SYSTEM |
| ASP6008 | ASP6008USPSP1 | US | 20 Dec 2018 | 627782949 | | | LIQUID-CHEMICAL STERILIZATION SYSTEM WITH BIOLOGICAL INDICATOR |
| ASP5113 | ASP5113USCNT1 | US | 19 Dec 2018 | 16225035 | | | APPARATUS AND METHOD FOR STERILIZING ENDSCOPE |
| ASP6006 | ASP6006USPSP1 | US | 18 Dec 2018 | 627781479 | | | REPROCESSING CASE |
| ASP5110 | ASP5110USDIV1 | US | 13 Dec 2018 | 16218579 | | | APPARATUS AND METHOD FOR REPROCESSING A MEDICAL DEVICE |
| ASP6007 | ASP6007USPSP1 | US | 05 Dec 2018 | 627775550 | | | Brush-Guiding-Cleaning-Adapter and Auto-Manual-Micro-Brush |
| ASP6009 | ASP6009USPSP1 | US | 15 Nov 2018 | 627767775 | | | A Flexible Tray for High Level Disinfecting and Sterilizing Medical Device |
| ASP5130 | ASP5130USCIP1 | US | 30 Aug 2018 | 16117010 | | | APPARATUS AND METHOD TO ASYNCHRONOUSLY FILL AND PURGE |

| Patent Family # | Internal reference | Country [W] | Filing date | Filing number | Grant Date | Grant number | Short Title |
|-----------------|--------------------|-------------|-------------|---------------|------------|--------------|---|
| ASP5151 | ASP5151USPSP1 | US | 29 Jun 2018 | 62/692268 | | | CHANNELS OF ENDOSCOPE SIMULTANEOUSLY |
| ASP5152 | ASP5152USPSP1 | US | 29 Jun 2018 | 62/692278 | | | METHOD AND APPARATUS FOR CLEANING, DISINFECTION, STERILIZATION, OR COMBINATIONS THEREOF |
| ASP5147 | ASP5147USNP1 | US | 28 Jun 2018 | 16/021207 | | | APPARATUS, METHOD, AND SYSTEM FOR INDICATION OF AN OXIDATIVE TREATMENT |
| ASP5150 | ASP5150USPSP1 | US | 28 Jun 2018 | 62/691224 | | | SYSTEM AND METHOD FOR AUTOMATING VERIFICATION OF MEDICAL INSTRUMENT STERILIZATION COMPATIBILITY AND STERILIZATION CYCLE SELECTION |
| ASP5145 | ASP5145USNP1 | US | 27 Jun 2018 | 16/019971 | | | COMPOSITIONS FOR CLEANING, DISINFECTING, AND/OR STERILIZING AND PROCESSES FOR MAKING AND USING THE SAME |
| ASP5146 | ASP5146USPSP | US | 27 Jun 2018 | 62/690719 | | | APPARATUS AND METHOD FOR DISINFECTING AN ENDOSCOPE |
| ASP5144 | ASP5144USPSP1 | US | 20 Jun 2018 | 62/687685 | | | FLUID DISPENSING SYSTEM AND METHOD OF USE THEREOF |
| ASP5149 | ASP5149USPSP1 | US | 20 Jun 2018 | 62/687689 | | | DRY-BOOSTER ADAPTER |
| ASP5148 | ASP5148USNP1 | US | 11 Jun 2018 | 16/004755 | | | Method for Cleaning Elevator Mechanism in an Automatic Endoscope Reprocessor (AER) |
| ASP5099 | ASP5099USDIV2 | US | 02 May 2018 | 15/969619 | | | PROCESS AND SYSTEM FOR IN-BASIN NEUTRALIZATION |
| ASP5141 | ASP5141TWNPI | TW | 27 Dec 2018 | 107147343 | | | INSTRUMENT REPROCESSOR AND INSTRUMENT REPROCESSING METHODS |
| ASP5143 | ASP5143TWNPI | TW | 27 Dec 2018 | 107147344 | | | STERILIZATION TRAY |
| ASP5135 | ASP5135TWNPI | TW | 24 Dec 2018 | 107146740 | | | STERILIZATION TRAY |
| ASP5136 | ASP5136TWNPI | TW | 24 Dec 2018 | 107146739 | | | PROCESS AND APPARATUS FOR CLEANING, DISINFECTION, STERILIZATION, OR COMBINATIONS THEREOF |
| ASP5140 | ASP5140TWNPI | TW | 24 Dec 2018 | 107146741 | | | STORAGE APPARATUS AND METHOD FOR IDENTIFYING A POSITION OF AN OBJECT |
| ASP5133 | ASP5133TWNPI | TW | 13 Dec 2018 | 107144951 | | | SYSTEM AND METHOD FOR STORAGE OF A MEDICAL DEVICE |
| ASP5122 | ASP5122TWNPI | TW | 05 Dec 2018 | 107143582 | | | FLOW RESTRICTOR |
| ASP5139 | ASP5139TWNPI | TW | 30 Nov 2018 | 107142892 | | | Apparatus to Assure Dry Booster Attachment to Test Lumens |
| | | | | | | | Packaging Method to Prevent Mated Surfaces |

| Patent Family # | Internal reference | Country [W] | Filing date | Filing number | Grant Date | Grant number | Short Title |
|-----------------|--------------------|-------------|-------------|---------------|------------|--------------|--|
| ASP5134 | ASP5134TWNPI | TW | 29 Nov 2018 | 107142605 | | | BI with very short read time (less than 10 minutes with new algorithm on Apollo reader) |
| ASP5142 | ASP5142TWNPI | TW | 29 Nov 2018 | 107142606 | | | Sterilization Tray |
| ASP5130 | ASP5130TWNPI | TW | 12 Sep 2018 | 107132000 | | | APPARATUS AND METHOD TO REPEATEDLY FILL AND PURGE CHANNELS OF ENDOSCOPE |
| ASP5129 | ASP5129TWNPI | TW | 04 Sep 2018 | 107130929 | | | APPARATUS AND METHOD FOR DELIVERY OF CONCENTRATED DISINFECTANT OR STERILANT TO LUMEN OF MEDICAL INSTRUMENT |
| ASP5131 | ASP5131TWNPI | TW | 08 Aug 2018 | 107127564 | | | VOLUME EXPANDERS FOR ENDOSCOPES |
| ASP5128 | ASP5128TWNPI | TW | 28 Jun 2018 | 107122226 | | | SYSTEMS AND METHODS FOR CONFIRMING ACTIVATION OF BIOLOGICAL INDICATORS |
| ASP5139 | ASP5139RUNPI | RU | 28 Dec 2018 | 2018141830 | | | Packaging Method to Prevent Mated Surfaces |
| ASP5141 | ASP5141RUNPI | RU | 25 Dec 2018 | 2018146122 | | | STERILIZATION TRAY |
| ASP5143 | ASP5143RUNPI | RU | 25 Dec 2018 | 2018146126 | | | STERILIZATION TRAY |
| ASP5135 | ASP5135RUNPI | RU | 20 Dec 2018 | 2018145306 | | | PROCESS AND APPARATUS FOR CLEANING, DISINFECTION, STERILIZATION, OR COMBINATIONS THEREOF |
| ASP5136 | ASP5136RUNPI | RU | 19 Dec 2018 | 2018145019 | | | STORAGE APPARATUS AND METHOD FOR IDENTIFYING A POSITION OF AN OBJECT |
| ASP5140 | ASP5140RUNPI | RU | 19 Dec 2018 | 2018145021 | | | SYSTEM AND METHOD FOR STORAGE OF A MEDICAL DEVICE |
| ASP5133 | ASP5133RUNPI | RU | 14 Dec 2018 | 2018144297 | | | FLOW RESTRICTOR |
| ASP5134 | ASP5134RUNPI | RU | 29 Nov 2018 | 2018142114 | | | BI with very short read time (less than 10 minutes with new algorithm on Apollo reader) |
| ASP5142 | ASP5142RUNPI | RU | 29 Nov 2018 | 2018142118 | | | Sterilization Tray |
| ASP5122 | ASP5122RUNPI | RU | 28 Nov 2018 | 2018141831 | | | Apparatus to Assure Dry Booster Attachment to Test Lumen |
| ASP5130 | ASP5130RUNPI | RU | 13 Sep 2018 | 2018132640 | | | APPARATUS AND METHOD TO REPEATEDLY FILL AND PURGE CHANNELS OF ENDOSCOPE |
| ASP5129 | ASP5129RUNPI | RU | 30 Aug 2018 | 2018131240 | | | APPARATUS AND METHOD FOR DELIVERY OF CONCENTRATED DISINFECTANT OR STERILANT TO LUMEN OF MEDICAL INSTRUMENT |
| ASP5131 | ASP5131RUNPI | RU | 08 Aug 2018 | 2018128975 | | | VOLUME EXPANDERS FOR ENDOSCOPES |
| ASP5128 | ASP5128RUNPI | RU | 13 Jun 2018 | 2018121502 | | | SYSTEMS AND METHODS FOR CONFIRMING ACTIVATION OF BIOLOGICAL INDICATORS |

| Patent Family # | Internal reference | Country [W] | Filing date | Filing number | Grant Date | Grant number | Short Title |
|-----------------|--------------------|-------------|-------------|------------------|------------|--------------|--|
| ASP5135 | ASP5135MXNP1 | MX | 07 Jan 2019 | MX/A/2019/000240 | | | PROCESS AND APPARATUS FOR CLEANING, DISINFECTION, STERILIZATION, OR COMBINATIONS THEREOF |
| ASP5136 | ASP5136MXNP1 | MX | 07 Jan 2019 | MX/A/2019/000162 | | | STORAGE APPARATUS AND METHOD FOR IDENTIFYING A POSITION OF AN OBJECT |
| ASP5140 | ASP5140MXNP1 | MX | 07 Jan 2019 | MX/A/2019/000074 | | | SYSTEM AND METHOD FOR STORAGE OF A MEDICAL DEVICE |
| ASP5141 | ASP5141MXNP1 | MX | 07 Jan 2019 | MX/A/2019/000079 | | | STERILIZATION TRAY |
| ASP5143 | ASP5143MXNP1 | MX | 07 Jan 2019 | MX/A/2019/000163 | | | STERILIZATION TRAY |
| ASP5133 | ASP5133MXNP1 | MX | 13 Dec 2018 | MX/A/2018/015655 | | | FLOW RESTRICTOR |
| ASP5122 | ASP5122MXNP1 | MX | 06 Dec 2018 | MX/A/2018/015159 | | | Apparatus to Assure Dry Booster Attachment to Test Lumen |
| ASP5139 | ASP5139MXNP1 | MX | 04 Dec 2018 | MX/A/2018/015051 | | | Packaging Method to Prevent Mated Surfaces |
| ASP5134 | ASP5134MXNP1 | MX | 30 Nov 2018 | MX/A/2018/014880 | | | Bi with very short read time (less than 10 minutes with new algorithm on Apollo reader) |
| ASP5142 | ASP5142MXNP1 | MX | 30 Nov 2018 | MX/A/2018/014885 | | | Sterilization Tray |
| ASP5130 | ASP5130MXNP1 | MX | 13 Sep 2018 | MX/A/2018/011081 | | | APPARATUS AND METHOD TO REPEATEDLY FILL AND PURGE CHANNELS OF ENDOSCOPE |
| ASP5129 | ASP5129MXNP1 | MX | 05 Sep 2018 | MX/A/2018/010713 | | | APPARATUS AND METHOD FOR DELIVERY OF CONCENTRATED DISINFECTANT OR STERILANT TO LUMEN OF MEDICAL INSTRUMENT |
| ASP5131 | ASP5131MXNP1 | MX | 10 Aug 2018 | MX/A/18/009753 | | | VOLUME EXPANDERS FOR ENDOSCOPES |
| ASP5128 | ASP5128MXNP | MX | 29 Jun 2018 | MX/A/18/008166 | | | SYSTEMS AND METHODS FOR CONFIRMING ACTIVATION OF BIOLOGICAL INDICATORS |
| ASP5141 | ASP5141KRNP1 | KR | 27 Dec 2018 | 10-2018-0170157 | | | STERILIZATION TRAY |
| ASP5143 | ASP5143KRNP1 | KR | 27 Dec 2018 | 10-2018-0170164 | | | STERILIZATION TRAY |
| ASP5135 | ASP5135KRNP1 | KR | 24 Dec 2018 | 10-2018-0168214 | | | PROCESS AND APPARATUS FOR CLEANING, DISINFECTION, STERILIZATION, OR COMBINATIONS THEREOF |
| ASP5136 | ASP5136KRNP1 | KR | 24 Dec 2018 | 10-2018-0168184 | | | STORAGE APPARATUS AND METHOD FOR IDENTIFYING A POSITION OF AN OBJECT |
| ASP5140 | ASP5140KRNP1 | KR | 24 Dec 2018 | 10-2018-0168226 | | | SYSTEM AND METHOD FOR STORAGE OF A MEDICAL DEVICE |
| ASP5133 | ASP5133KRNP1 | KR | 13 Dec 2018 | 10-2018-0160536 | | | FLOW RESTRICTOR |

| Patent Family # | Internal reference | Country [W] | Filing date | Filing number | Grant Date | Grant number | Short Title |
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| ASP5122 | ASP5122KRNP1 | KR | 05 Dec 2018 | 10-2018-0154967 | | | Apparatus to Assure Dry Booster Attachment to Test Lumen |
| ASP5139 | ASP5139KRNP1 | KR | 03 Dec 2018 | 10-2018-0153823 | | | Packaging Method to Prevent Mated Surfaces |
| ASP5134 | ASP5134KRNP1 | KR | 30 Nov 2018 | 10-2018-0153155 | | | BI with very short read time (less than 10 minutes with new algorithm on Apollo reader) |
| ASP5142 | ASP5142KRNP1 | KR | 30 Nov 2018 | 10-2018-0152878 | | | Sterilization Tray |
| ASP5130 | ASP5130KRNP1 | KR | 14 Sep 2018 | TBA | | | APPARATUS AND METHOD TO REPEATEDLY FILL AND PURGE CHANNELS OF ENDOSCOPE |
| ASP5129 | ASP5129KRNP1 | KR | 05 Sep 2018 | 10-2018-0105720 | | | APPARATUS AND METHOD FOR DELIVERY OF CONCENTRATED DISINFECTANT OR STERILANT TO LUMEN OF MEDICAL INSTRUMENT |
| ASP5131 | ASP5131KRNP1 | KR | 10 Aug 2018 | 10-2018-0093905 | | | VOLUME EXPANDERS FOR ENDOSCOPES |
| ASP5128 | ASP5128KRNP | KR | 27 Jun 2018 | 10-2018-0074356 | | | SYSTEMS AND METHODS FOR CONFIRMING ACTIVATION OF BIOLOGICAL INDICATORS |
| ASP5141 | ASP5141JPNP1 | JP | 28 Dec 2018 | 2018-246896 | | | STERILIZATION TRAY |
| ASP5143 | ASP5143JPNP1 | JP | 28 Dec 2018 | 2018-246905 | | | STERILIZATION TRAY |
| ASP5135 | ASP5135JPNP1 | JP | 25 Dec 2018 | 2018-240682 | | | PROCESS AND APPARATUS FOR CLEANING, DISINFECTION, STERILIZATION, OR COMBINATIONS THEREOF |
| ASP5136 | ASP5136JPNP1 | JP | 25 Dec 2018 | 2018-240690 | | | STORAGE APPARATUS AND METHOD FOR IDENTIFYING A POSITION OF AN OBJECT |
| ASP5140 | ASP5140JPNP1 | JP | 25 Dec 2018 | 2018-240702 | | | SYSTEM AND METHOD FOR STORAGE OF A MEDICAL DEVICE |
| ASP5133 | ASP5133JPNP1 | JP | 14 Dec 2018 | 2018-234153 | | | FLOW RESTRICTOR |
| ASP5122 | ASP5122JPNP1 | JP | 06 Dec 2018 | 2018-228782 | | | Apparatus to Assure Dry Booster Attachment to Test Lumen |
| ASP5139 | ASP5139JPNP1 | JP | 03 Dec 2018 | 2018-226315 | | | Packaging Method to Prevent Mated Surfaces |
| ASP5134 | ASP5134JPNP1 | JP | 30 Nov 2018 | 2018-224730 | | | BI with very short read time (less than 10 minutes with new algorithm on Apollo reader) |
| ASP5142 | ASP5142JPNP1 | JP | 30 Nov 2018 | 2018-224747 | | | Sterilization Tray |
| ASP5130 | ASP5130JPNP1 | JP | 13 Sep 2018 | 2018-171317 | | | APPARATUS AND METHOD TO REPEATEDLY FILL AND PURGE CHANNELS OF ENDOSCOPE |
| ASP5129 | ASP5129JPNP1 | JP | 05 Sep 2018 | 2018-165924 | | | APPARATUS AND METHOD FOR DELIVERY OF CONCENTRATED DISINFECTANT OR STERILANT TO LUMEN OF MEDICAL INSTRUMENT |

| Patent Family # | Internal reference | Country [W] | Filing date | Filing number | Grant Date | Grant number | Short Title |
|-----------------|--------------------|-------------|-------------|---------------|------------|--------------|--|
| ASP5131 | ASP5131JPNP1 | JP | 09 Aug 2018 | 2018-150093 | | | VOLUME EXPANDERS FOR ENDOSCOPES |
| ASP5128 | ASP5128JPNP | JP | 29 Jun 2018 | 2018-124112 | | | SYSTEMS AND METHODS FOR CONFIRMING ACTIVATION OF BIOLOGICAL INDICATORS |
| ASP5140 | ASP5140JNPNP1 | IN | 17 Dec 2018 | 201814047715 | | | SYSTEM AND METHOD FOR STORAGE OF A MEDICAL DEVICE |
| ASP5141 | ASP5141JNPNP1 | IN | 17 Dec 2018 | 201814047714 | | | STERILIZATION TRAY |
| ASP5143 | ASP5143JNPNP1 | IN | 17 Dec 2018 | 201814047712 | | | STERILIZATION TRAY |
| ASP5135 | ASP5135JNPNP1 | IN | 14 Dec 2018 | 201814047437 | | | PROCESS AND APPARATUS FOR CLEANING, DISINFECTION, STERILIZATION, OR COMBINATIONS THEREOF |
| ASP5136 | ASP5136JNPNP1 | IN | 14 Dec 2018 | 201814047438 | | | PROCESS AND APPARATUS FOR CLEANING, DISINFECTION, STERILIZATION, OR COMBINATIONS THEREOF |
| ASP5122 | ASP5122JNPNP1 | IN | 03 Dec 2018 | 201814045554 | | | STORAGE APPARATUS AND METHOD FOR IDENTIFYING A POSITION OF AN OBJECT |
| ASP5133 | ASP5133JNPNP1 | IN | 30 Nov 2018 | 201814045220 | | | Apparatus to Assure Dry Booster Attachment to Test Lumen |
| ASP5139 | ASP5139JNPNP1 | IN | 29 Nov 2018 | 201814044987 | | | FLOW RESTRICTOR |
| ASP5134 | ASP5134JNPNP1 | IN | 28 Nov 2018 | 201814044835 | | | Packaging Method to Prevent Mated Surfaces |
| ASP5142 | ASP5142JNPNP1 | IN | 27 Nov 2018 | 201814044699 | | | BI with very short read time (less than 10 minutes with new algorithm on Apollo reader) |
| ASP5130 | ASP5130JNPNP1 | IN | 10 Sep 2018 | 201814033915 | | | Sterilization Tray |
| ASP5129 | ASP5129JNPNP1 | IN | 27 Aug 2018 | 201814032055 | | | APPARATUS AND METHOD TO REPEATEDLY FILL AND PURGE CHANNELS OF ENDOSCOPE |
| ASP5131 | ASP5131JNPNP1 | IN | 09 Aug 2018 | 201814029945 | | | APPARATUS AND METHOD FOR DELIVERY OF CONCENTRATED DISINFECTANT OR STERILANT TO LUMEN OF MEDICAL INSTRUMENT |
| ASP5128 | ASP5128JNPNP | IN | 18 Jun 2018 | 201814022628 | | | VOLUME EXPANDERS FOR ENDOSCOPES |
| ASP5141 | ASP5141JLJNPNP1 | IL | 19 Dec 2018 | 263822 | | | SYSTEMS AND METHODS FOR CONFIRMING ACTIVATION OF BIOLOGICAL INDICATORS |
| ASP5143 | ASP5143JLJNPNP1 | IL | 19 Dec 2018 | 263831 | | | STERILIZATION TRAY |
| ASP5135 | ASP5135JLJNPNP1 | IL | 17 Dec 2018 | 263751 | | | PROCESS AND APPARATUS FOR CLEANING, DISINFECTION, STERILIZATION, OR COMBINATIONS THEREOF |
| ASP5136 | ASP5136JLJNPNP1 | IL | 17 Dec 2018 | 263749 | | | STORAGE APPARATUS AND METHOD FOR IDENTIFYING A POSITION OF AN OBJECT |

| Patent Family # | Internal reference | Country [W] | Filing date | Filing number | Grant Date | Grant number | Short Title |
|-----------------|--------------------|-------------|-------------|---------------|------------|--------------|--|
| ASP5140 | ASP5140ILNPI | IL | 17 Dec 2018 | 263750 | | | SYSTEM AND METHOD FOR STORAGE OF A MEDICAL DEVICE |
| ASP5133 | ASP5133ILNPI | IL | 05 Dec 2018 | 263525 | | | FLOW RESTRICTOR |
| ASP5122 | ASP5122ILNPI | IL | 29 Nov 2018 | 263387 | | | Apparatus to Assure Dry Booster Attachment to Test Lumen |
| ASP5134 | ASP5134ILNPI | IL | 28 Nov 2018 | 263337 | | | BI with very short read time (less than 10 minutes with new algorithm on Apollo reader) |
| ASP5142 | ASP5142ILNPI | IL | 27 Nov 2018 | 263311 | | | Sterilization Tray |
| ASP5130 | ASP5130ILNPI | IL | 13 Sep 2018 | 261751 | | | APPARATUS AND METHOD TO REPEATEDLY FILL AND PURGE CHANNELS OF ENDOSCOPE |
| ASP5129 | ASP5129ILNPI | IL | 27 Aug 2018 | 261399 | | | APPARATUS AND METHOD FOR DELIVERY OF CONCENTRATED DISINFECTANT OR STERILANT TO LUMEN OF MEDICAL INSTRUMENT |
| ASP5131 | ASP5131ILNPI | IL | 08 Aug 2018 | 261045 | | | Vent Cap for Endoscope Sterilization |
| ASP5128 | ASP5128ILNP | IL | 13 Jun 2018 | 260014 | | | SYSTEMS AND METHODS FOR CONFIRMING ACTIVATION OF BIOLOGICAL INDICATORS |
| ASP5141 | ASP5141EPEPAI | EP | 28 Dec 2018 | 18275195.8 | | | STERILIZATION TRAY |
| ASP5143 | ASP5143EPEPAI | EP | 28 Dec 2018 | 18275196.6 | | | STERILIZATION TRAY |
| ASP5135 | ASP5135EPEPAI | EP | 21 Dec 2018 | 18215616.6 | | | PROCESS AND APPARATUS FOR CLEANING, DISINFECTION, STERILIZATION, OR COMBINATIONS THEREOF |
| ASP5136 | ASP5136EPEPAI | EP | 21 Dec 2018 | 18215232.2 | | | STORAGE APPARATUS AND METHOD FOR IDENTIFYING A POSITION OF AN OBJECT |
| ASP5140 | ASP5140EPEPAI | EP | 21 Dec 2018 | 18215246.2 | | | SYSTEM AND METHOD FOR STORAGE OF A MEDICAL DEVICE |
| ASP5133 | ASP5133EPEPAI | EP | 14 Dec 2018 | 18212574.0 | | | FLOW RESTRICTOR |
| ASP5122 | ASP5122EPEPAI | EP | 06 Dec 2018 | 18210782.1 | | | Apparatus to Assure Dry Booster Attachment to Test Lumen |
| ASP5139 | ASP5139EPEPAI | EP | 03 Dec 2018 | 18209764.2 | | | Packaging Method to Prevent Mated Surfaces |
| ASP5134 | ASP5134EPEPAI | EP | 30 Nov 2018 | 18209398.9 | | | BI with very short read time (less than 10 minutes with new algorithm on Apollo reader) |
| ASP5142 | ASP5142EPEPAI | EP | 30 Nov 2018 | 18209450.8 | | | Sterilization Tray |
| ASP5130 | ASP5130EPEPAI | EP | 13 Sep 2018 | 18194289.7 | | | APPARATUS AND METHOD TO REPEATEDLY FILL AND PURGE CHANNELS OF ENDOSCOPE |
| ASP5129 | ASP5129EPEPAI | EP | 05 Sep 2018 | 18192635.3 | | | APPARATUS AND METHOD FOR DELIVERY OF CONCENTRATED |

| Patent Family # | Internal reference | Country [W] | Filing date | Filing number | Grant Date | Grant number | Short Title |
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| | | | | | | | DISINFECTANT OR STERILANT TO LUMEN OF MEDICAL INSTRUMENT |
| ASP5131 | ASP5131EPEPA1 | EP | 09 Aug 2018 | 18188311.7 | | | VOLUME EXPANDERS FOR ENDOSCOPES |
| ASP5128 | ASP5128EPEPA | EP | 29 Jun 2018 | 18180790.0 | | | SYSTEMS AND METHODS FOR CONFIRMING ACTIVATION OF BIOLOGICAL INDICATORS |
| ASP5141 | ASP5141CNNP1 | CN | 28 Dec 2018 | 201811624997.2 | | | STERILIZATION TRAY |
| ASP5143 | ASP5143CANNP1 | CN | 28 Dec 2018 | 201811623020.9 | | | STERILIZATION TRAY |
| ASP5135 | ASP5135CANNP1 | CN | 24 Dec 2018 | 201811580048.9 | | | PROCESS AND APPARATUS FOR CLEANING, DISINFECTION, STERILIZATION, OR COMBINATIONS THEREOF |
| ASP5136 | ASP5136CANNP1 | CN | 24 Dec 2018 | 201811580059.7 | | | STORAGE APPARATUS AND METHOD FOR IDENTIFYING A POSITION OF AN OBJECT |
| ASP5140 | ASP5140CANNP1 | CN | 24 Dec 2018 | 201811580099.1 | | | SYSTEM AND METHOD FOR STORAGE OF A MEDICAL DEVICE |
| ASP5133 | ASP5133CANNP1 | CN | 14 Dec 2018 | 201811531844.3 | | | FLOW RESTRICTOR |
| ASP5122 | ASP5122CANNP1 | CN | 07 Dec 2018 | 201811495770.2 | | | Apparatus to Assure Dry Booster Attachment to Test Lumen |
| ASP5139 | ASP5139CANNP1 | CN | 04 Dec 2018 | 201811472832.8 | | | Packaging Method to Prevent Mated Surfaces |
| ASP5134 | ASP5134CANNP1 | CN | 03 Dec 2018 | 201811465593.3 | | | BI with very short read time (less than 10 minutes with new algorithm on Apollo reader) |
| ASP5142 | ASP5142CANNP1 | CN | 03 Dec 2018 | 201811466116.9 | | | Sterilization Tray |
| ASP5130 | ASP5130CANNP1 | CN | 14 Sep 2018 | 201811074919.X | | | APPARATUS AND METHOD TO REPEATEDLY FILL AND PURGE CHANNELS |
| ASP5129 | ASP5129CANNP1 | CN | 06 Sep 2018 | 201811038834.6 | | | APPARATUS AND METHOD FOR DELIVERY OF CONCENTRATED DISINFECTANT OR STERILANT TO LUMEN OF MEDICAL INSTRUMENT |
| ASP5131 | ASP5131CANNP1 | CN | 10 Aug 2018 | 201810909675.6 | | | VOLUME EXPANDERS FOR ENDOSCOPES |
| ASP5128 | ASP5128CANNP | CN | 29 Jun 2018 | 201810722267.X | | | SYSTEMS AND METHODS FOR CONFIRMING ACTIVATION OF BIOLOGICAL INDICATORS |
| ASP5140 | ASP5140CANNP1 | CA | 04 Jan 2019 | 3028078 | | | SYSTEM AND METHOD FOR STORAGE OF A MEDICAL DEVICE |
| ASP5141 | ASP5141CANNP1 | CA | 21 Dec 2018 | 3028421 | | | STERILIZATION TRAY |
| ASP5122 | ASP5122CANNP1 | CA | 20 Dec 2018 | 3026670 | | | Apparatus to Assure Dry Booster Attachment to Test Lumen |
| ASP5143 | ASP5143CANNP1 | CA | 20 Dec 2018 | 3028197 | | | STERILIZATION TRAY |

| Patent Family # | Internal reference | Country [W] | Filing date | Filing number | Grant Date | Grant number | Short Title |
|-----------------|--------------------|-------------|-------------|-------------------------|------------|--------------|--|
| ASP5135 | ASP5135CANP1 | CA | 18 Dec 2018 | 3027934 | | | PROCESS AND APPARATUS FOR CLEANING, DISINFECTION, STERILIZATION, OR COMBINATIONS THEREOF |
| ASP5136 | ASP5136CANP1 | CA | 18 Dec 2018 | 3027980 | | | STORAGE APPARATUS AND METHOD FOR IDENTIFYING A POSITION OF AN OBJECT |
| ASP5133 | ASP5133CANP1 | CA | 11 Dec 2018 | 3027056 | | | FLOW RESTRICTOR |
| ASP5139 | ASP5139CANP1 | CA | 30 Nov 2018 | 3025920 | | | Packaging Method to Prevent Mated Surfaces |
| ASP5134 | ASP5134CANP1 | CA | 28 Nov 2018 | 3025,613 | | | BI with very short read time (less than 10 minutes with new algorithm on Apollo reader) |
| ASP5142 | ASP5142CANP1 | CA | 28 Nov 2018 | 3025539 | | | Sterilization Tray |
| ASP5130 | ASP5130CANP1 | CA | 10 Oct 2018 | 3017004 | | | APPARATUS AND METHOD TO REPEATEDLY FILL AND PURGE CHANNELS OF ENDOSCOPE |
| ASP5129 | ASP5129CANP1 | CA | 30 Aug 2018 | 3015916 | | | APPARATUS AND METHOD FOR DELIVERY OF CONCENTRATED DISINFECTANT OR STERILIZANT TO LUMEN OF MEDICAL INSTRUMENT |
| ASP5131 | ASP5131CANP1 | CA | 08 Aug 2018 | 3013592 | | | VOLUME EXPANDERS FOR ENDOSCOPES |
| ASP5128 | ASP5128CANP | CA | 20 Jun 2018 | 3008926 | | | SYSTEMS AND METHODS FOR CONFIRMING ACTIVATION OF BIOLOGICAL INDICATORS |
| ASP5141 | ASP5141BRNP1 | BR | 28 Dec 2018 | BR102018077472-7 | | | STERILIZATION TRAY |
| ASP5143 | ASP5143BRNP1 | BR | 27 Dec 2018 | BR102018077216-3 | | | STERILIZATION TRAY |
| ASP5135 | ASP5135BRNP1 | BR | 21 Dec 2018 | BR102018076858-1 | | | PROCESS AND APPARATUS FOR CLEANING, DISINFECTION, STERILIZATION, OR COMBINATIONS THEREOF |
| ASP5136 | ASP5136BRNP1 | BR | 21 Dec 2018 | BR102018076889-1 | | | STORAGE APPARATUS AND METHOD FOR IDENTIFYING A POSITION OF AN OBJECT |
| ASP5140 | ASP5140BRNP1 | BR | 21 Dec 2018 | BR102018076894-8 | | | SYSTEM AND METHOD FOR STORAGE OF A MEDICAL DEVICE |
| ASP5133 | ASP5133BRNP1 | BR | 13 Dec 2018 | BR102018075878-0 | | | FLOW RESTRICTOR |
| ASP5122 | ASP5122BRNP1 | BR | 06 Dec 2018 | BR102018075236-7 | | | Apparatus to Assure Dry Booster Attachment to Test Lumen |
| ASP5139 | ASP5139BRNP1 | BR | 03 Dec 2018 | BR102018075023-2 | | | Packaging Method to Prevent Mated Surfaces |
| ASP5134 | ASP5134BRNP1 | BR | 30 Nov 2018 | BR102018074799-1 fil | | | BI with very short read time (less than 10 minutes with new algorithm on Apollo reader) |
| ASP5142 | ASP5142BRNP1 | BR | 30 Nov 2018 | BR102018074822-0 | | | Sterilization Tray |

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| ASP5130 | ASP5130BRNP1 | BR | 12 Sep 2018 | BR102018068425-6 | | | APPARATUS AND METHOD TO REPEATEDLY FILL AND PURGE CHANNELS OF ENDOSCOPE |
| ASP5129 | ASP5129BRNP1 | BR | 03 Sep 2018 | 102018067579-6 | | | APPARATUS AND METHOD FOR DELIVERY OF CONCENTRATED DISINFECTANT OR STERILIZANT TO LUMEN OF MEDICAL INSTRUMENT |
| ASP5131 | ASP5131BRNP1 | BR | 09 Aug 2018 | 102018016263-2 | | | Vent Cap for Endoscope Sterilization |
| ASP5128 | ASP5128BRNP | BR | 28 Jun 2018 | BR102018013374-8 | | | SYSTEMS AND METHODS FOR CONFIRMING ACTIVATION OF BIOLOGICAL INDICATORS |
| ASP5143 | ASP5143AUNP1 | AU | 19 Dec 2018 | 2018282334 | | | STERILIZATION TRAY |
| ASP5141 | ASP5141AUNP1 | AU | 18 Dec 2018 | 2018282286 | | | STERILIZATION TRAY |
| ASP5136 | ASP5136AUNP1 | AU | 13 Dec 2018 | 2018278961 | | | STORAGE APPARATUS AND METHOD FOR IDENTIFYING A POSITION OF AN OBJECT |
| ASP5140 | ASP5140AUNP1 | AU | 13 Dec 2018 | 2018278966 | | | SYSTEM AND METHOD FOR STORAGE OF A MEDICAL DEVICE |
| ASP5135 | ASP5135AUNP1 | AU | 11 Dec 2018 | 2018278852 | | | PROCESS AND APPARATUS FOR CLEANING, DISINFECTION, STERILIZATION, OR COMBINATIONS THEREOF |
| ASP5122 | ASP5122AUNP1 | AU | 04 Dec 2018 | 2018274865 | | | Apparatus to Assure Dry Booster Attachment to Test Lumen |
| ASP5133 | ASP5133AUNP1 | AU | 04 Dec 2018 | 2018274863 | | | FLOW RESTRICTOR |
| ASP5134 | ASP5134AUNP1 | AU | 28 Nov 2018 | 2018271298 | | | BI with very short read time (less than 10 minutes with new algorithm on Apollo reader) |
| ASP5139 | ASP5139AUNP1 | AU | 28 Nov 2018 | 2018271300 | | | Packaging Method to Prevent Mated Surfaces |
| ASP5142 | ASP5142AUNP1 | AU | 28 Nov 2018 | 2018271303 | | | Sterilization Tray |
| ASP5129 | ASP5129AUNP1 | AU | 31 Aug 2018 | 2018223016 | | | APPARATUS AND METHOD FOR DELIVERY OF CONCENTRATED DISINFECTANT OR STERILIZANT TO LUMEN OF MEDICAL INSTRUMENT |
| ASP5131 | ASP5131AUNP1 | AU | 07 Aug 2018 | 2018214019 | | | VOLUME EXPANDERS FOR ENDOSCOPES |
| ASP5128 | ASP5128AUNP | AU | 06 Jun 2018 | 2018204013 | | | SYSTEMS AND METHODS FOR CONFIRMING ACTIVATION OF BIOLOGICAL INDICATORS |
| ASP0002 | ASP0002USA | UNITED STATES OF AMERICA | 27-Oct-00 | 09/699728 | 20-Aug-02 | 6436659 | BIOLOGICAL INDICATOR FOR STERILIZATION PROCESSES WITH DOUBLEBUFFER SYSTEM |
| ASP0002 | ASP00056USA | UNITED STATES OF AMERICA | 27-Feb-02 | 10/090057 | 1-Oct-02 | 6458554 | (JOHNA.056DV1) BIOLOGICAL INDICATOR FOR STERILIZATION |

| Patent Family # | Internal reference | Country [W] | Filing date | Filing number | Grant Date | Grant number | Short Title |
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| | | | | | | | PROCESSES WITH DOUBLE BUFFER SYSTEM |
| ASP0004 | ASP0004USA | UNITED STATES OF AMERICA | 21-Dec-00 | 09/745212 | 21-Oct-03 | 6635439 | HYDROGEN PEROXIDE INDICATOR EMPLOYING ENZYME AND DYE |
| ASP0010 | ASP0010USA | UNITED STATES OF AMERICA | 22-Dec-00 | 09/746344 | 17-Aug-04 | 6776904 | DEVICE AND METHOD OF USE FOR ALDEHYDE REMOVAL |
| ASP0024 | ASP0024GFR | GERMANY | 12-Jul-02 | 10231880.8 | 18-Apr-13 | 10231880 | SURFACE TREATMENT OF ALUMINUM ALLOYS TO IMPROVE STERILIZATION PROCESS COMPATIBILITY |
| ASP0024 | ASP0024JAP | JAPAN | 12-Jul-02 | 204528/02 | 16-Jul-10 | 4549615 | SURFACE TREATMENT OF ALUMINUM ALLOYS TO IMPROVE STERILIZATION PROCESS COMPATIBILITY |
| ASP0024 | ASP0024JPDIV1 | JAPAN | 20-Sep-07 | 244197/2007 | 30-Jul-10 | 4558774 | SURFACE TREATMENT OF ALUMINUM ALLOYS TO IMPROVE STERILIZATION PROCESS COMPATIBILITY |
| ASP0024 | ASP0024US | UNITED STATES OF AMERICA | 13-Jul-01 | 09/904667 | 26-Apr-05 | 6884393 | SURFACE TREATMENT OF ALUMINUM ALLOYS TO IMPROVE STERILIZATION PROCESS COMPATIBILITY |
| ASP0030 | ASP0030AUL | AUSTRALIA | 31-Oct-02 | 2002301749 | 7-Aug-08 | 2002301749 | APPARATUS AND PROCESS FOR CONCENTRATING A STERILANT AND STERILIZING ARTICLES THEREWITH |
| ASP0030 | ASP0030DEBPA | GERMANY | 4-Nov-02 | 02257623.5 | 24-Dec-08 | 60230474.1 | APPARATUS AND PROCESS FOR CONCENTRATING A STERILANT AND STERILIZING ARTICLES THEREWITH |
| ASP0030 | ASP0030EP | EUROPEAN PROCEDURE (EPO Procedure) | 4-Nov-02 | 02257623.5 | 24-Dec-08 | 1308173 | APPARATUS AND PROCESS FOR CONCENTRATING A STERILANT AND STERILIZING ARTICLES THEREWITH |
| ASP0030 | ASP0030ESEPA | SPAIN | 4-Nov-02 | 02257623.5 | 24-Dec-08 | 1308173 | APPARATUS AND PROCESS FOR CONCENTRATING A STERILANT AND STERILIZING ARTICLES THEREWITH |
| ASP0030 | ASP0030FRBPA | FRANCE | 4-Nov-02 | 02257623.5 | 24-Dec-08 | 1308173 | APPARATUS AND PROCESS FOR CONCENTRATING A STERILANT AND STERILIZING ARTICLES THEREWITH |
| ASP0030 | ASP0030GBEPA | UNITED KINGDOM (Great Britain) | 4-Nov-02 | 02257623.5 | 24-Dec-08 | 1308173 | APPARATUS AND PROCESS FOR CONCENTRATING A STERILANT AND STERILIZING ARTICLES THEREWITH |
| ASP0030 | ASP0030ITEPA | ITALY | 4-Nov-02 | 02257623.5 | 24-Dec-08 | 1308173 | APPARATUS AND PROCESS FOR CONCENTRATING A STERILANT AND STERILIZING ARTICLES THEREWITH |
| ASP0030 | ASP0030JPNP | JAPAN | 1-Nov-02 | 320322/02 | 11-Dec-09 | 4421181 | APPARATUS AND PROCESS FOR CONCENTRATING A STERILANT AND STERILIZING ARTICLES THEREWITH |
| ASP0060 | ASP0060AUNP | AUSTRALIA | 28-Mar-03 | 2003203560 | 22-Jan-09 | 2003203560 | METHOD FOR DETERMINING LUMEN PENETRATION OF A VAPOR PHASE STERILANT |

| Patent Family # | Internal reference | Country [W] | Filing date | Filing number | Grant Date | Grant number | Short Title |
|-----------------|--------------------|------------------------------------|-------------|---------------|------------|--------------|--|
| ASP0060 | ASP0060CANP | CANADA | 28-Mar-03 | 2423997 | 17-Aug-10 | 2423997 | METHOD FOR DETERMINING LUMEN PENETRATION OF A VAPOR PHASESTERILANT |
| ASP0060 | ASP0060DEEPA | GERMANY | 28-Mar-03 | 03251978.7 | 31-Oct-07 | 60317152.4 | METHOD FOR DETERMINING LUMEN PENETRATION OF A VAPOR PHASESTERILANT |
| ASP0060 | ASP0060EPEPA | EUROPEAN PROCEDURE (EPO Procedure) | 28-Mar-03 | 03251978.7 | 31-Oct-07 | 1413317 | METHOD FOR DETERMINING LUMEN PENETRATION OF A VAPOR PHASESTERILANT |
| ASP0060 | ASP0060ESEPA | SPAIN | 28-Mar-03 | 03251978.7 | 31-Oct-07 | 1413317 | METHOD FOR DETERMINING LUMEN PENETRATION OF A VAPOR PHASESTERILANT |
| ASP0060 | ASP0060FREPA | FRANCE | 28-Mar-03 | 03251978.7 | 31-Oct-07 | 1413317 | METHOD FOR DETERMINING LUMEN PENETRATION OF A VAPOR PHASESTERILANT |
| ASP0060 | ASP0060GBEPA | UNITED KINGDOM (Great Britain) | 28-Mar-03 | 03251978.7 | 31-Oct-07 | 1413317 | METHOD FOR DETERMINING LUMEN PENETRATION OF A VAPOR PHASESTERILANT |
| ASP0060 | ASP0060ITEPA | ITALY | 28-Mar-03 | 03251978.7 | 31-Oct-07 | 1413317 | METHOD FOR DETERMINING LUMEN PENETRATION OF A VAPOR PHASESTERILANT |
| ASP0060 | ASP0060JPNP | JAPAN | 28-Mar-03 | 92181/2003 | 18-Dec-09 | 4425555 | METHOD FOR DETERMINING LUMEN PENETRATION OF A VAPOR PHASESTERILANT |
| ASP0060 | ASP0060OUS | UNITED STATES OF AMERICA | 29-Mar-02 | 10/112518 | 6-Mar-07 | 7186372 | METHOD FOR DETERMINING LUMEN PENETRATION OF A VAPOR PHASESTERILANT |
| ASP0060 | ASP0060USCNTI | UNITED STATES OF AMERICA | 22-Dec-06 | 11/615368 | 11-Nov-08 | 7449145 | METHOD FOR DETERMINING LUMEN PENETRATION OF A VAPOR PHASESTERILANT |
| ASP0066 | ASP0066AUNP | AUSTRALIA | 27-Jan-03 | 2003205003 | 24-Jan-08 | 2003205003 | STERILIZATION WITH TEMPERATURE-CONTROLLED DIFFUSION PATH |
| ASP0066 | ASP0066AUNP1 | AUSTRALIA | 27-Jan-03 | 2003205023 | 31-Mar-11 | 2003205023 | STERILIZATION WITH TEMPERATURE-CONTROLLED DIFFUSION PATH |
| ASP0066 | ASP0066AUNP2 | AUSTRALIA | 27-Jan-03 | 2003205010 | 11-Dec-08 | 2003205010 | STERILIZATION WITH TEMPERATURE-CONTROLLED DIFFUSION PATH |
| ASP0066 | ASP0066CANP | CANADA | 27-Jan-03 | 2433978 | 25-Oct-11 | 2433978 | STERILIZATION WITH TEMPERATURE-CONTROLLED DIFFUSION PATH |
| ASP0066 | ASP0066CANP1 | CANADA | 27-Jan-03 | 2433726 | 15-Nov-11 | 2433726 | STERILIZATION WITH TEMPERATURE-CONTROLLED DIFFUSION PATH |
| ASP0066 | ASP0066CANP2 | CANADA | 27-Jan-03 | 2433728 | 29-May-12 | 2433728 | STERILIZATION WITH TEMPERATURE-CONTROLLED DIFFUSION PATH |
| ASP0066 | ASP0066DEEPA | GERMANY | 27-Jun-03 | 03254081.7 | 16-Aug-06 | 1378250 | STERILIZATION WITH TEMPERATURE-CONTROLLED DIFFUSION PATH |
| ASP0066 | ASP0066DEEPA1 | GERMANY | 27-Jun-03 | 03254103.9 | 27-Sep-06 | 60308603.9 | STERILIZATION WITH TEMPERATURE-CONTROLLED DIFFUSION PATH |

| Patent Family # | Internal reference | Country [W] | Filing date | Filing number | Grant Date | Grant number | Short Title |
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| ASP0066 | ASP0066DEEPA2 | GERMANY | 27-Jun-03 | 03254104.7 | 21-Feb-07 | 60311921.2 | STERILIZATION WITH TEMPERATURE-CONTROLLED DIFFUSION PATH |
| ASP0066 | ASP0066EPEPA | EUROPEAN PROCEDURE (EPO Procedure) | 27-Jun-03 | 03254081.7 | 16-Aug-06 | 1378250 | STERILIZATION WITH TEMPERATURE-CONTROLLED DIFFUSION PATH |
| ASP0066 | ASP0066EPEPA1 | EUROPEAN PROCEDURE (EPO Procedure) | 27-Jun-03 | 03254103.9 | 27-Sep-06 | 1378251 | STERILIZATION WITH TEMPERATURE-CONTROLLED DIFFUSION PATH |
| ASP0066 | ASP0066EPEPA2 | EUROPEAN PROCEDURE (EPO Procedure) | 27-Jun-03 | 03254104.7 | 21-Feb-07 | 1378252 | STERILIZATION WITH TEMPERATURE-CONTROLLED DIFFUSION PATH |
| ASP0066 | ASP0066ESEPA | SPAIN | 27-Jun-03 | 03254081.7 | 16-Aug-06 | 1378250 | STERILIZATION WITH TEMPERATURE-CONTROLLED DIFFUSION PATH |
| ASP0066 | ASP0066SEPA1 | SPAIN | 27-Jun-03 | 03254103.9 | 27-Sep-06 | 1378251 | STERILIZATION WITH TEMPERATURE-CONTROLLED DIFFUSION PATH |
| ASP0066 | ASP0066SEPA2 | SPAIN | 27-Jun-03 | 03254104.7 | 21-Feb-07 | 1378252 | STERILIZATION WITH TEMPERATURE-CONTROLLED DIFFUSION PATH |
| ASP0066 | ASP0066FREPAP | FRANCE | 27-Jun-03 | 03254081.7 | 16-Aug-06 | 1378250 | STERILIZATION WITH TEMPERATURE-CONTROLLED DIFFUSION PATH |
| ASP0066 | ASP0066FREPAP1 | FRANCE | 27-Jun-03 | 03254103.9 | 27-Sep-06 | 1378251 | STERILIZATION WITH TEMPERATURE-CONTROLLED DIFFUSION PATH |
| ASP0066 | ASP0066FREPAP2 | FRANCE | 27-Jun-03 | 03254104.7 | 21-Feb-07 | 1378252 | STERILIZATION WITH TEMPERATURE-CONTROLLED DIFFUSION PATH |
| ASP0066 | ASP0066GBEPA | UNITED KINGDOM (Great Britain) | 27-Jun-03 | 03254081.7 | 16-Aug-06 | 1378250 | STERILIZATION WITH TEMPERATURE-CONTROLLED DIFFUSION PATH |
| ASP0066 | ASP0066GBEPA1 | UNITED KINGDOM (Great Britain) | 27-Jun-03 | 03254103.9 | 27-Sep-06 | 1378251 | STERILIZATION WITH TEMPERATURE-CONTROLLED DIFFUSION PATH |
| ASP0066 | ASP0066GBEPA2 | UNITED KINGDOM (Great Britain) | 27-Jun-03 | 03254104.7 | 21-Feb-07 | 1378252 | STERILIZATION WITH TEMPERATURE-CONTROLLED DIFFUSION PATH |
| ASP0066 | ASP0066ITEPA | ITALY | 27-Jun-03 | 03254081.7 | 16-Aug-06 | 1378250 | STERILIZATION WITH TEMPERATURE-CONTROLLED DIFFUSION PATH |
| ASP0066 | ASP0066ITEPA1 | ITALY | 27-Jun-03 | 03254103.9 | 27-Sep-06 | 1378251 | STERILIZATION WITH TEMPERATURE-CONTROLLED DIFFUSION PATH |
| ASP0066 | ASP0066ITEPA2 | ITALY | 27-Jun-03 | 03254104.7 | 21-Feb-07 | 1378252 | STERILIZATION WITH TEMPERATURE-CONTROLLED DIFFUSION PATH |
| ASP0066 | ASP0066JAP | JAPAN | 30-Jun-03 | 186987/2003 | 13-Nov-09 | 4405190 | STERILIZATION WITH TEMPERATURE-CONTROLLED DIFFUSION PATH |
| ASP0066 | ASP0066JAPCIP | JAPAN | 30-Jun-03 | 187418/2003 | 30-Oct-09 | 4397633 | STERILIZATION WITH TEMPERATURE-CONTROLLED DIFFUSION PATH |
| ASP0066 | ASP0066JAPCIP1 | JAPAN | 30-Jun-03 | 187476-2003 | 12-Jan-09 | 4322574 | STERILIZATION WITH TEMPERATURE-CONTROLLED DIFFUSION PATH |
| ASP0066 | ASP0066US | UNITED STATES OF AMERICA | 28-Jun-02 | 10/186019 | 8-Feb-05 | 6852279 | STERILIZATION WITH TEMPERATURE-CONTROLLED DIFFUSION PATH |
| ASP0066 | ASP0066USACIP | UNITED STATES OF AMERICA | 31-Mar-03 | 10/403217 | 5-Oct-10 | 7807100 | STERILIZATION WITH TEMPERATURE-CONTROLLED DIFFUSION PATH |
| ASP0066 | ASP0066USACIP1 | UNITED STATES OF AMERICA | 31-Mar-03 | 10/403450 | 11-Sep-07 | 7267806 | STERILIZATION WITH TEMPERATURE-CONTROLLED DIFFUSION PATH |

| Patent Family # | Internal reference | Country [W] | Filing date | Filing number | Grant Date | Grant number | Short Title |
|-----------------|--------------------|------------------------------------|-------------|---------------|------------|--------------|---|
| ASP0067 | ASP0067AUNP | AUSTRALIA | 27-Jun-03 | 2003205015 | 27-Mar-08 | 2003205015 | STERILIZER WITH RESTRICTOR |
| ASP0067 | ASP0067CANP | CANADA | 27-Jun-03 | 2434003 | 2-Aug-11 | 2434003 | STERILIZER WITH RESTRICTOR |
| ASP0067 | ASP0067DEEPA | GERMANY | 27-Jun-03 | 03254106.2 | 25-Feb-09 | 60326294.5 | STERILIZER WITH RESTRICTOR |
| ASP0067 | ASP0067EPEPA | EUROPEAN PROCEDURE (EPO Procedure) | 27-Jun-03 | 03254106.2 | 25-Feb-09 | 1378254 | STERILIZER WITH RESTRICTOR |
| ASP0067 | ASP0067FREP A | FRANCE | 27-Jun-03 | 03254106.2 | 25-Feb-09 | 1378254 | STERILIZER WITH RESTRICTOR |
| ASP0067 | ASP0067GBEPA | UNITED KINGDOM (Great Britain) | 27-Jun-03 | 03254106.2 | 25-Feb-09 | 1378254 | STERILIZER WITH RESTRICTOR |
| ASP0067 | ASP0067ITEPA | ITALY | 27-Jun-03 | 03254106.2 | 25-Feb-09 | 1378254 | STERILIZER WITH RESTRICTOR |
| ASP0067 | ASP0067JPNP | JAPAN | 30-Jun-03 | 187060/2003 | 26-Jun-09 | 4330940 | STERILIZER WITH RESTRICTOR |
| ASP0067 | ASP0067US | UNITED STATES OF AMERICA | 28-Jun-02 | 10/186044 | 10-Apr-07 | 7201869 | STERILIZER WITH RESTRICTOR |
| ASP0068 | ASP0068AUNP | AUSTRALIA | 27-Jun-03 | 2003205011 | 24-Mar-11 | 2003205011 | STERILIZER WITH FLOW THROUGH CONTAINER |
| ASP0068 | ASP0068CANP | CANADA | 27-Jun-03 | 2433979 | 15-May-12 | 2433979 | STERILIZER WITH FLOW THROUGH CONTAINER |
| ASP0068 | ASP0068DEEPA | GERMANY | 27-Jun-03 | 03254105.4 | 17-Sep-08 | 1378253 | STERILIZER WITH FLOW THROUGH CONTAINER |
| ASP0068 | ASP0068EPEPA | EUROPEAN PROCEDURE (EPO Procedure) | 27-Jun-03 | 03254105.4 | 17-Sep-08 | 1378253 | STERILIZER WITH FLOW THROUGH CONTAINER |
| ASP0068 | ASP0068ESEPA | SPAIN | 27-Jun-03 | 03254105.4 | 17-Sep-08 | 1378253 | STERILIZER WITH FLOW THROUGH CONTAINER |
| ASP0068 | ASP0068FREP A | FRANCE | 27-Jun-03 | 03254105.4 | 17-Sep-08 | 1378253 | STERILIZER WITH FLOW THROUGH CONTAINER |
| ASP0068 | ASP0068GBEPA | UNITED KINGDOM (Great Britain) | 27-Jun-03 | 03254105.4 | 17-Sep-08 | 1378253 | STERILIZER WITH FLOW THROUGH CONTAINER |
| ASP0068 | ASP0068JPNP | JAPAN | 30-Jun-03 | 187082/2003 | 26-Mar-10 | 4480961 | STERILIZER WITH FLOW THROUGH CONTAINER |
| ASP0068 | ASP0068USACJP | UNITED STATES OF AMERICA | 20-Dec-02 | 10/324356 | 27-Oct-09 | 7608218 | STERILIZER WITH FLOW THROUGH CONTAINER |
| ASP5001 | ASP5001AUNP | AUSTRALIA | 16-Dec-03 | 2003271363 | 19-Jun-08 | 2003271363 | CONNECTION INTEGRITY TESTING |
| ASP5001 | ASP5001CANP | CANADA | 12-Dec-03 | 2452955 | 7-Feb-12 | 2452955 | CONNECTION INTEGRITY TESTING |
| ASP5001 | ASP5001DEEPA | GERMANY | 22-Dec-03 | 03258094.6 | 15-Apr-09 | 60327153.7 | AUTOMATIC ENDSCOPE REPROCESSOR |
| ASP5001 | ASP5001EPEPA | EUROPEAN PROCEDURE (EPO Procedure) | 22-Dec-03 | 03258094.6 | 15-Apr-09 | 1433410 | AUTOMATIC ENDSCOPE REPROCESSOR |
| ASP5001 | ASP5001ESEPA | SPAIN | 22-Dec-03 | 03258094.6 | 15-Apr-09 | 1433410 | AUTOMATIC ENDSCOPE REPROCESSOR CONNECTION INTEGRITY TESTING |

| Patent Family # | Internal reference | Country [W] | Filing date | Filing number | Grant Date | Grant number | Short Title |
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| ASP5001 | ASP5001FRPEA | FRANCE | 22-Dec-03 | 03258094.6 | 15-Apr-09 | 1433410 | AUTOMATIC ENDOSCOPE REPROCESSOR CONNECTION INTEGRITY TESTING |
| ASP5001 | ASP5001GBEPA | UNITED KINGDOM (Great Britain) | 22-Dec-03 | 03258094.6 | 15-Apr-09 | 1433410 | AUTOMATIC ENDOSCOPE REPROCESSOR CONNECTION INTEGRITY TESTING |
| ASP5001 | ASP5001ITEPA | ITALY | 22-Dec-03 | 03258094.6 | 15-Apr-09 | 1433410 | AUTOMATIC ENDOSCOPE REPROCESSOR CONNECTION INTEGRITY TESTING |
| ASP5001 | ASP5001JPNP | JAPAN | 22-Dec-03 | 425319/2003 | 26-Mar-10 | 4480996 | AUTOMATIC ENDOSCOPE REPROCESSOR CONNECTION INTEGRITY TESTING |
| ASP5001 | ASP5001US | UNITED STATES OF AMERICA | 23-Dec-02 | 10/328233 | 17-Jan-06 | 6986736 | AUTOMATIC ENDOSCOPE REPROCESSOR CONNECTION INTEGRITY TESTING |
| ASP5003 | ASP5003US | UNITED STATES OF AMERICA | 30-Jun-03 | 10/609771 | 15-Apr-08 | 7357896 | RESISTOMETER |
| ASP5015 | ASP5015AUNP | AUSTRALIA | 10-Feb-05 | 2005200586 | 29-Sep-11 | 2005200586 | sterilizer Cassette handling system with data link |
| ASP5015 | ASP5015BRNP | BRAZIL | 1-Mar-05 | P10500613-9 | 8-Mar-16 | P10500613-9 | sterilizer Cassette handling system with data link |
| ASP5015 | ASP5015CANP | CANADA | 4-Mar-05 | 2499421 | 25-Jun-13 | 2499421 | sterilizer Cassette handling system with data link |
| ASP5015 | ASP5015CHEPA | SWITZERLAND | 3-Mar-05 | 05251264.7 | 21-Apr-10 | 1570865 | sterilizer Cassette handling system with data link |
| ASP5015 | ASP5015CNNP | CHINA | 4-Mar-05 | 200510053167.5 | 19-Aug-09 | Z1.200510053167.5 | sterilizer Cassette handling system with data link |
| ASP5015 | ASP5015DEEPA | GERMANY | 3-Mar-05 | 05251264.7 | 21-Apr-10 | 602005020706.6 | sterilizer Cassette handling system with data link |
| ASP5015 | ASP5015EEPA | EUROPEAN PROCEDURE (EPO Procedure) | 3-Mar-05 | 05251264.7 | 21-Apr-10 | 1570865 | sterilizer Cassette handling system with data link |
| ASP5015 | ASP5015ESEPAA | SPAIN | 3-Mar-05 | 05251264.7 | 21-Apr-10 | 1570865 | sterilizer Cassette handling system with data link |
| ASP5015 | ASP5015FRPEA | FRANCE | 3-Mar-05 | 05251264.7 | 21-Apr-10 | 1570865 | sterilizer Cassette handling system with data link |
| ASP5015 | ASP5015GBEPA | UNITED KINGDOM (Great Britain) | 3-Mar-05 | 05251264.7 | 21-Apr-10 | 1570865 | sterilizer Cassette handling system with data link |
| ASP5015 | ASP5015IEEPA | IRELAND | 3-Mar-05 | 05251264.7 | 21-Apr-10 | 1570865 | sterilizer Cassette handling system with data link |
| ASP5015 | ASP5015INNP | INDIA | 3-Mar-05 | 138/KOLNP/05 | 29-Jul-13 | 256789 | sterilizer Cassette handling system with data link |
| ASP5015 | ASP5015ITEPA | ITALY | 3-Mar-05 | 05251264.7 | 21-Apr-10 | 1570865 | sterilizer Cassette handling system with data link |
| ASP5015 | ASP5015KRNP | KOREA (SOUTH) | 28-Feb-05 | 10-2005-0016723 | 30-May-12 | 1153239 | sterilizer Cassette handling system with data link |
| ASP5015 | ASP5015MXNP | MEXICO | 3-Mar-05 | PA/A/05/002449 | 23-Jun-08 | 258135 | sterilizer Cassette handling system with data link |
| ASP5015 | ASP5015NLPEA | NETHERLANDS | 3-Mar-05 | 05251264.7 | 21-Apr-10 | 1570865 | sterilizer Cassette handling system with data link |
| ASP5015 | ASP5015RUNP | RUSSIAN FEDERATION | 3-Mar-05 | 2005106081 | 10-Jan-11 | 2408389 | sterilizer Cassette handling system with data link |

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|-----------------|--------------------|------------------------------------|-------------|------------------|------------|------------------|---|
| ASP5015 | ASP5015TWNP | TAIWAN | 3-Mar-05 | 94106370 | 1-Aug-15 | 1494859 | sterilizer Cassette handling system with data Link |
| ASP5015 | ASP5015USANP | UNITED STATES OF AMERICA | 4-Mar-04 | 107793115 | 13-Oct-09 | 7602284 | sterilizer Cassette handling system with data Link |
| ASP5016 | ASP5016AUNP | AUSTRALIA | 10-Feb-05 | 2005200585 | 8-Dec-11 | 2005200585 | METHOD OF DELIVERING LIQUID STERILIZANT TO A STERILIZER |
| ASP5016 | ASP5016CANP | CANADA | 4-Mar-05 | 2499417 | 10-Sep-13 | 2499417 | METHOD OF DELIVERING LIQUID STERILIZANT TO A STERILIZER |
| ASP5016 | ASP5016CNNP | CHINA | 4-Mar-05 | 200510051897.1 | 30-Dec-09 | ZL200510051897.1 | METHOD OF DELIVERING LIQUID STERILIZANT TO A STERILIZER |
| ASP5016 | ASP5016DEEPA | GERMANY | 3-Mar-05 | 05251272.0 | 14-Dec-11 | 602005031626.4 | METHOD OF DELIVERING LIQUID STERILIZANT TO A STERILIZER |
| ASP5016 | ASP5016EPEPA | EUROPEAN PROCEDURE (EPO Procedure) | 3-Mar-05 | 05251272.0 | 14-Dec-11 | 1570866 | METHOD OF DELIVERING LIQUID STERILIZANT TO A STERILIZER |
| ASP5016 | ASP5016ESEPA | SPAIN | 3-Mar-05 | 05251272.0 | 14-Dec-11 | 1570866 | METHOD OF DELIVERING LIQUID STERILIZANT TO A STERILIZER |
| ASP5016 | ASP5016FREPA | FRANCE | 3-Mar-05 | 05251272.0 | 14-Dec-11 | 1570866 | METHOD OF DELIVERING LIQUID STERILIZANT TO A STERILIZER |
| ASP5016 | ASP5016GBEPA | UNITED KINGDOM (Great Britain) | 3-Mar-05 | 05251272.0 | 14-Dec-11 | 1570866 | METHOD OF DELIVERING LIQUID STERILIZANT TO A STERILIZER |
| ASP5016 | ASP5016INDNP | INDIA | 3-Mar-05 | 139/KOL/05 | 1-Oct-15 | 269144 | METHOD OF DELIVERING LIQUID STERILIZANT TO A STERILIZER |
| ASP5016 | ASP5016ITEPA | ITALY | 3-Mar-05 | 05251272.0 | 14-Dec-11 | 1570866 | METHOD OF DELIVERING LIQUID STERILIZANT TO A STERILIZER |
| ASP5016 | ASP5016JPNP | JAPAN | 3-Mar-05 | 59254/2005 | 30-Jul-10 | 4558538 | METHOD OF DELIVERING LIQUID STERILIZANT TO A STERILIZER |
| ASP5016 | ASP5016KRRNP | KOREA (SOUTH) | 28-Feb-05 | 10-2005-0016729 | 12-Jul-12 | 1166744 | METHOD OF DELIVERING LIQUID STERILIZANT TO A STERILIZER |
| ASP5016 | ASP5016MXNP | MEXICO | 3-Mar-05 | PA/A/2005/002450 | 16-Apr-12 | 298194 | METHOD OF DELIVERING LIQUID STERILIZANT TO A STERILIZER |
| ASP5016 | ASP5016NLEPA | NETHERLANDS | 3-Mar-05 | 05251272.0 | 14-Dec-11 | 1570866 | METHOD OF DELIVERING LIQUID STERILIZANT TO A STERILIZER |
| ASP5016 | ASP5016PLEPA | POLAND | 3-Mar-05 | 05251272.0 | 14-Dec-11 | 1570866 | METHOD OF DELIVERING LIQUID STERILIZANT TO A STERILIZER |
| ASP5016 | ASP5016RUNP | RUSSIAN FEDERATION | 5-Mar-05 | 2005106080 | 20-Feb-10 | 2381815 | METHOD OF DELIVERING LIQUID STERILIZANT TO A STERILIZER |
| ASP5016 | ASP5016USANP | UNITED STATES OF AMERICA | 4-Mar-04 | 107793455 | 14-May-13 | 8440139 | METHOD OF DELIVERING LIQUID STERILIZANT TO A STERILIZER |
| ASP5019 | ASP5019AUNP | AUSTRALIA | 5-May-05 | 2005201906 | 19-Jan-12 | 2005201906 | sterilization/disinfection cycle control |
| ASP5019 | ASP5019BRNP | BRAZIL | 25-May-05 | PI0501945-1 | 25-Nov-14 | PI0501945-1 | sterilization/disinfection cycle control |
| ASP5019 | ASP5019CANP | CANADA | 11-May-05 | 2507090 | 8-Apr-14 | 2507090 | sterilization/disinfection cycle control |
| ASP5019 | ASP5019CHEPA | SWITZERLAND | 27-May-05 | 05253307.2 | 6-Jun-12 | 1600174 | sterilization/disinfection cycle control |
| ASP5019 | ASP5019CNNP | CHINA | 30-May-05 | 200510074054.3 | 16-Jun-10 | 200510074054.3 | sterilization/disinfection cycle control |

| Patent Family # | Internal reference | Country [W] | Filing date | Filing number | Grant Date | Grant number | Short Title |
|-----------------|--------------------|------------------------------------|-------------|-------------------|------------|----------------|--|
| ASP5019 | ASP5019DEEPA | GERMANY | 27-May-05 | 05253307.2 | 6-Jun-12 | 602005034510.8 | sterilization/disinfection cycle control |
| ASP5019 | ASP5019EPEPA | EUROPEAN PROCEDURE (EPO Procedure) | 27-May-05 | 05253307.2 | 6-Jun-12 | 1600174 | sterilization/disinfection cycle control |
| ASP5019 | ASP5019ESEPA | SPAIN | 27-May-05 | 05253307.2 | 6-Jun-12 | 1600174 | sterilization/disinfection cycle control |
| ASP5019 | ASP5019FRIEPA | FRANCE | 27-May-05 | 05253307.2 | 6-Jun-12 | 1600174 | sterilization/disinfection cycle control |
| ASP5019 | ASP5019GBEPA | UNITED KINGDOM (Great Britain) | 27-May-05 | 05253307.2 | 6-Jun-12 | 1600174 | sterilization/disinfection cycle control |
| ASP5019 | ASP5019IEEPA | IRELAND | 27-May-05 | 05253307.2 | 6-Jun-12 | 1600174 | sterilization/disinfection cycle control |
| ASP5019 | ASP5019ITTEPA | ITALY | 27-May-05 | 05253307.2 | 6-Jun-12 | 1600174 | sterilization/disinfection cycle control |
| ASP5019 | ASP5019JPNP | JAPAN | 27-May-05 | 2005-156050 | 2-May-13 | 5259051 | sterilization/disinfection cycle control |
| ASP5019 | ASP5019KRNP | KOREA (SOUTH) | 27-May-05 | 2005-0044845 | 20-Nov-12 | 1204655 | sterilization/disinfection cycle control |
| ASP5019 | ASP5019MXNP | MEXICO | 29-Aug-05 | P/A/A/2005/005711 | 1-Apr-09 | 265580 | sterilization/disinfection cycle control |
| ASP5019 | ASP5019NLLEPA | NETHERLANDS | 27-May-05 | 05253307.2 | 6-Jun-12 | 1600174 | sterilization/disinfection cycle control |
| ASP5019 | ASP5019PLEPA | POLAND | 27-May-05 | 05253307.2 | 6-Jun-12 | 1600174 | sterilization/disinfection cycle control |
| ASP5019 | ASP5019TWNP | TAIWAN | 27-May-05 | 941117332 | 1-Mar-14 | 1428155 | sterilization/disinfection cycle control |
| ASP5019 | ASP5019USANP | UNITED STATES OF AMERICA | 28-May-04 | 10/856664 | 18-Nov-08 | 7452504 | sterilization/disinfection cycle control |
| ASP5019 | ASP5019USDIV1 | UNITED STATES OF AMERICA | 10-Oct-08 | 12/249217 | 18-Aug-09 | 7575716 | sterilization/disinfection cycle control |
| ASP5022 | ASP5022AUNP | AUSTRALIA | 4-Oct-05 | 2005227377 | 16-Sep-10 | 2005227377 | STERILIZATION SYSTEM AND METHOD AND ORIFICE INLET CONTROL APPARATUS THEREFOR |
| ASP5022 | ASP5022BRNP | BRAZIL | 11-Oct-05 | PI0504322-0 | 23-Jun-15 | PI0504322-0 | STERILIZATION SYSTEM AND METHOD AND ORIFICE INLET CONTROL APPARATUS THEREFOR |
| ASP5022 | ASP5022CANP | CANADA | 7-Oct-05 | 2522509 | 20-May-14 | 2522509 | STERILIZATION SYSTEM AND METHOD AND ORIFICE INLET CONTROL APPARATUS THEREFOR |
| ASP5022 | ASP5022CNNP | CHINA | 12-Oct-05 | 200510113617.5 | 20-Jan-16 | 200510113617.5 | STERILIZATION SYSTEM AND METHOD AND ORIFICE INLET CONTROL APPARATUS THEREFOR |
| ASP5022 | ASP5022DEEPA | GERMANY | 11-Oct-05 | 05256307.9 | 27-Nov-13 | 1647285 | STERILIZATION SYSTEM AND METHOD AND ORIFICE INLET CONTROL APPARATUS THEREFOR |
| ASP5022 | ASP5022EPEPA | EUROPEAN PROCEDURE (EPO Procedure) | 11-Oct-05 | 05256307.9 | 27-Nov-13 | 1647285 | STERILIZATION SYSTEM AND METHOD AND ORIFICE INLET CONTROL APPARATUS THEREFOR |
| ASP5022 | ASP5022ESEPA | SPAIN | 11-Oct-05 | 05256307.9 | 27-Nov-13 | 1647285 | STERILIZATION SYSTEM AND METHOD AND ORIFICE INLET CONTROL APPARATUS THEREFOR |

| Patent Family # | Internal reference | Country [W] | Filing date | Filing number | Grant Date | Grant number | Short Title |
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| ASP5022 | ASP5022FRBPA | FRANCE | 11-Oct-05 | 05256307.9 | 27-Nov-13 | 1647285 | STERILIZATION SYSTEM AND METHOD AND ORIFICE INLET CONTROL APPARATUS THEREFOR |
| ASP5022 | ASP5022GBEPA | UNITED KINGDOM (Great Britain) | 11-Oct-05 | 05256307.9 | 27-Nov-13 | 1647285 | STERILIZATION SYSTEM AND METHOD AND ORIFICE INLET CONTROL APPARATUS THEREFOR |
| ASP5022 | ASP5022INNNP | INDIA | 5-Oct-05 | 918/KOL/2005 | | | STERILIZATION SYSTEM AND METHOD AND ORIFICE INLET CONTROL APPARATUS THEREFOR |
| ASP5022 | ASP5022ITBPA | ITALY | 11-Oct-05 | 05256307.9 | 27-Nov-13 | 1647285 | STERILIZATION SYSTEM AND METHOD AND ORIFICE INLET CONTROL APPARATUS THEREFOR |
| ASP5022 | ASP5022JPNP | JAPAN | 11-Oct-05 | 2005-296667 | 15-Apr-11 | 4722660 | STERILIZATION SYSTEM AND METHOD AND ORIFICE INLET CONTROL APPARATUS THEREFOR |
| ASP5022 | ASP5022KRNP | KOREA (SOUTH) | 11-Oct-05 | 10-2005-0095299 | 8-Feb-13 | 1233733 | STERILIZATION SYSTEM AND METHOD AND ORIFICE INLET CONTROL APPARATUS THEREFOR |
| ASP5022 | ASP5022MXNP | MEXICO | 11-Oct-05 | PA/A/2005/010946 | 2-Sep-10 | 278648 | STERILIZATION SYSTEM AND METHOD AND ORIFICE INLET CONTROL APPARATUS THEREFOR |
| ASP5022 | ASP5022RUNP | RUSSIAN FEDERATION | 11-Oct-05 | 2005131567 | 27-Jan-10 | 2392970 | STERILIZATION SYSTEM AND METHOD AND ORIFICE INLET CONTROL APPARATUS THEREFOR |
| ASP5022 | ASP5022TWNP | TAIWAN | 11-Oct-05 | 94135294 | 21-Dec-12 | 1379695 | STERILIZATION SYSTEM AND METHOD AND ORIFICE INLET CONTROL APPARATUS THEREFOR |
| ASP5022 | ASP5022USANP | UNITED STATES OF AMERICA | 12-Oct-04 | 10/962962 | 4-Aug-09 | 7569180 | STERILIZATION SYSTEM AND METHOD AND ORIFICE INLET CONTROL APPARATUS THEREFOR |
| ASP5022 | ASP5022USCNT1 | UNITED STATES OF AMERICA | 15-Feb-13 | 13/769026 | 25-Feb-14 | 8658092 | STERILIZATION SYSTEM AND METHOD AND ORIFICE INLET CONTROL APPARATUS THEREFOR |
| ASP5024 | ASP5024AUNP | AUSTRALIA | 4-Oct-05 | 2005220182 | 17-Mar-11 | 2005220182 | Sterilization Cassette and Packaging |
| ASP5024 | ASP5024BRNP | BRAZIL | 31-Oct-05 | PI0505193-2 | 8-Aug-17 | PI0505193-2 | Sterilization Cassette and Packaging |
| ASP5024 | ASP5024CANP | CANADA | 18-Oct-05 | 2523617 | 13-Aug-13 | 2523617 | Sterilization Cassette and Packaging |
| ASP5024 | ASP5024CHEPA | SWITZERLAND | 28-Oct-05 | 05256692.4 | 12-Oct-11 | 1652537 | Sterilization Cassette and Packaging |
| ASP5024 | ASP5024CNNP | CHINA | 31-Oct-05 | 200510118545.3 | 29-May-13 | 200510118545.3 | Sterilization Cassette and Packaging |
| ASP5024 | ASP5024DEBPA | GERMANY | 28-Oct-05 | 05256692.4 | 12-Oct-11 | 602005030547.5 | Sterilization Cassette and Packaging |
| ASP5024 | ASP5024EPEPA | EUROPEAN PROCEDURE (EPO Procedure) | 28-Oct-05 | 05256692.4 | 12-Oct-11 | 1652537 | Sterilization Cassette and Packaging |
| ASP5024 | ASP5024HSEPA | SPAIN | 28-Oct-05 | 05256692.4 | 12-Oct-11 | 1652537 | Sterilization Cassette and Packaging |

| Patent Family # | Internal reference | Country [W] | Filing date | Filing number | Grant Date | Grant number | Short Title |
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| ASP5024 | ASP5024FRBPA | FRANCE | 28-Oct-05 | 05256692.4 | 12-Oct-11 | 1652537 | Sterilization Cassette and Packaging |
| ASP5024 | ASP5024GBEPA | UNITED KINGDOM (Great Britain) | 28-Oct-05 | 05256692.4 | 12-Oct-11 | 1652537 | Sterilization Cassette and Packaging |
| ASP5024 | ASP5024HEEPA | IRELAND | 28-Oct-05 | 05256692.4 | 12-Oct-11 | 1652537 | Sterilization Cassette and Packaging |
| ASP5024 | ASP5024INNP | INDIA | 5-Oct-05 | 919/KOI/05 | 30-Jun-17 | 284864 | Sterilization Cassette and Packaging |
| ASP5024 | ASP5024ITEPA | ITALY | 28-Oct-05 | 05256692.4 | 12-Oct-11 | 1652537 | Sterilization Cassette and Packaging |
| ASP5024 | ASP5024JPDIV1 | JAPAN | 28-Oct-05 | 2011-171675 | 21-Jun-13 | 5296162 | Sterilization Cassette and Packaging |
| ASP5024 | ASP5024JPNP | JAPAN | 28-Oct-05 | 2005-314974 | | | Sterilization Cassette and Packaging |
| ASP5024 | ASP5024MXNP | MEXICO | 28-Oct-05 | PA/A/2005/011635 | 12-Feb-09 | 264494 | Sterilization Cassette and Packaging |
| ASP5024 | ASP5024NLEPA | NETHERLANDS | 28-Oct-05 | 05256692.4 | 12-Oct-11 | 1652537 | Sterilization Cassette and Packaging |
| ASP5024 | ASP5024PLEPA | POLAND | 28-Oct-05 | 05256692.4 | 12-Oct-11 | 1652537 | Sterilization Cassette and Packaging |
| ASP5024 | ASP5024RUNP | RUSSIAN FEDERATION | 28-Oct-05 | 2005133380 | 27-Aug-10 | 2397780 | Sterilization Cassette and Packaging |
| ASP5024 | ASP5024TWNP | TAIWAN | 28-Oct-05 | 94137727 | 1-Mar-12 | 1359095 | Sterilization Cassette and Packaging |
| ASP5024 | ASP5024USNP | UNITED STATES OF AMERICA | 29-Oct-04 | 10/977961 | 12-Oct-10 | 7811530 | Sterilization Cassette and Packaging |
| ASP5025 | ASP5025AUNP | AUSTRALIA | 27-Mar-06 | 2006201247 | 17-May-12 | 2006201247 | INTEGATOR SYSTEM AND METHOD FOR RAPIDLY DETERMINING EFFECTIVENESS OF A GERMIDICAL TREATMENT |
| ASP5025 | ASP5025BRNP | BRAZIL | 29-Mar-06 | PI0601129-2 | | | INTEGATOR SYSTEM AND METHOD FOR RAPIDLY DETERMINING EFFECTIVENESS OF A GERMIDICAL TREATMENT |
| ASP5025 | ASP5025CANP | CANADA | 29-Mar-06 | 2541490 | 8-Jan-13 | 2541490 | INTEGATOR SYSTEM AND METHOD FOR RAPIDLY DETERMINING EFFECTIVENESS OF A GERMIDICAL TREATMENT |
| ASP5025 | ASP5025CHEPA | SWITZERLAND | 29-Mar-06 | 06251723.0 | 12-Oct-11 | 1707943 | INTEGATOR SYSTEM AND METHOD FOR RAPIDLY DETERMINING EFFECTIVENESS OF A GERMIDICAL TREATMENT |
| ASP5025 | ASP5025CNNP | CHINA | 30-Mar-06 | 200610079435.5 | 11-Apr-12 | 200610079435.5 | INTEGATOR SYSTEM AND METHOD FOR RAPIDLY DETERMINING EFFECTIVENESS OF A GERMIDICAL TREATMENT |
| ASP5025 | ASP5025DEEPA | GERMANY | 29-Mar-06 | 06251723.0 | 12-Oct-11 | 602006025020.7 | INTEGATOR SYSTEM AND METHOD FOR RAPIDLY DETERMINING EFFECTIVENESS OF A GERMIDICAL TREATMENT |
| ASP5025 | ASP5025EEPEPA | EUROPEAN PROCEDURE (EPO Procedure) | 29-Mar-06 | 06251723.0 | 12-Oct-11 | 1707943 | INTEGATOR SYSTEM AND METHOD FOR RAPIDLY DETERMINING EFFECTIVENESS OF A GERMIDICAL TREATMENT |
| ASP5025 | ASP5025ESEPA | SPAIN | 29-Mar-06 | 06251723.0 | 12-Oct-11 | 1707943 | INTEGATOR SYSTEM AND METHOD FOR RAPIDLY DETERMINING EFFECTIVENESS OF A GERMIDICAL TREATMENT |

| Patent Family # | Internal reference | Country [W] | Filing date | Filing number | Grant Date | Grant number | Short Title |
|-----------------|--------------------|-----------------------------------|-------------|------------------|------------|--------------|--|
| ASP5025 | ASP5025FRPEPA | FRANCE | 29-Mar-06 | 06251723.0 | 12-Oct-11 | 1707943 | INTEGATOR SYSTEM AND METHOD FOR RAPIDLY DETERMINING EFFECTIVENESS OF A GERMDICAL TREATMENT |
| ASP5025 | ASP5025GBEPA | UNITED KINGDOM (Great Britain) | 29-Mar-06 | 06251723.0 | 12-Oct-11 | 1707943 | INTEGATOR SYSTEM AND METHOD FOR RAPIDLY DETERMINING EFFECTIVENESS OF A GERMDICAL TREATMENT |
| ASP5025 | ASP5025IEEPA | IRELAND | 29-Mar-06 | 06251723.0 | 12-Oct-11 | 1707943 | INTEGATOR SYSTEM AND METHOD FOR RAPIDLY DETERMINING EFFECTIVENESS OF A GERMDICAL TREATMENT |
| ASP5025 | ASP5025INNP | INDIA | 27-Mar-06 | 273/KOL/06 | 24-Nov-17 | 289909 | INTEGATOR SYSTEM AND METHOD FOR RAPIDLY DETERMINING EFFECTIVENESS OF A GERMDICAL TREATMENT |
| ASP5025 | ASP5025ITPEPA | ITALY | 29-Mar-06 | 06251723.0 | 12-Oct-11 | 1707943 | INTEGATOR SYSTEM AND METHOD FOR RAPIDLY DETERMINING EFFECTIVENESS OF A GERMDICAL TREATMENT |
| ASP5025 | ASP5025JPNP | JAPAN | 29-Mar-06 | 091805/2006 | 21-Jan-11 | 4668108 | INTEGATOR SYSTEM AND METHOD FOR RAPIDLY DETERMINING EFFECTIVENESS OF A GERMDICAL TREATMENT |
| ASP5025 | ASP5025KRNP | KOREA (SOUTH) | 30-Mar-06 | 2006-0029035 | 8-Oct-12 | 1190526 | INTEGATOR SYSTEM AND METHOD FOR RAPIDLY DETERMINING EFFECTIVENESS OF A GERMDICAL TREATMENT |
| ASP5025 | ASP5025MXNP | MEXICO | 29-Mar-06 | PA/A/2006/003502 | 11-Nov-11 | 292070 | INTEGATOR SYSTEM AND METHOD FOR RAPIDLY DETERMINING EFFECTIVENESS OF A GERMDICAL TREATMENT |
| ASP5025 | ASP5025NLEPA | NETHERLANDS | 29-Mar-06 | 06251723.0 | 12-Oct-11 | 1707943 | INTEGATOR SYSTEM AND METHOD FOR RAPIDLY DETERMINING EFFECTIVENESS OF A GERMDICAL TREATMENT |
| ASP5025 | ASP5025PLEPA | POLAND | 29-Mar-06 | 06251723.0 | 12-Oct-11 | 1707943 | INTEGATOR SYSTEM AND METHOD FOR RAPIDLY DETERMINING EFFECTIVENESS OF A GERMDICAL TREATMENT |
| ASP5025 | ASP5025TWNP | TAIWAN | 29-Mar-06 | 95110824 | 1-Aug-14 | 1446935 | INTEGATOR SYSTEM AND METHOD FOR RAPIDLY DETERMINING EFFECTIVENESS OF A GERMDICAL TREATMENT |
| ASP5025 | ASP5025USCIP1 | UNITED STATES OF AMERICA | 26-Sep-06 | 11/527273 | 1-Jan-13 | 8343768 | INTEGATOR SYSTEM AND METHOD FOR RAPIDLY DETERMINING EFFECTIVENESS OF A GERMDICAL TREATMENT |
| ASP5027 | ASP5027USNP | UNITED STATES OF AMERICA | 31-Mar-05 | 11/095251 | 3-Apr-09 | 7563329 | Monitoring of cleaning process |
| ASP5029 | ASP5029USNP | UNITED STATES OF AMERICA | 30-Jun-05 | 11/172553 | 5-Jan-10 | 7642067 | DEVICE AND METHOD FOR RAPIDLY DETERMINING THE EFFECTIVENESS OF STERILIZATION OR DISINFECTION PROCESSES |
| ASP5032 | ASP5032DEEPA | GERMANY | 30-May-06 | 06252780.9 | 14-Jan-09 | 1728466 | ENDOSCOPE REPROCESSOR CONNECTORS HAVING REDUCED OCCLUSION |

| Patent Family # | Internal reference | Country [W] | Filing date | Filing number | Grant Date | Grant number | Short Title |
|-----------------|--------------------|------------------------------------|-------------|------------------|------------|----------------|---|
| ASP5032 | ASP5032EPEPA | EUROPEAN PROCEDURE (EPO Procedure) | 30-May-06 | 06252780.9 | 14-Jan-09 | 1728466 | ENDOSCOPE REPROCESSOR CONNECTORS HAVING REDUCED OCCLUSION |
| ASP5032 | ASP5032ESEPA | SPAIN | 30-May-06 | 06252780.9 | 14-Jan-09 | 1728466 | ENDOSCOPE REPROCESSOR CONNECTORS HAVING REDUCED OCCLUSION |
| ASP5032 | ASP5032FREPA | FRANCE | 30-May-06 | 06252780.9 | 14-Jan-09 | 1728466 | ENDOSCOPE REPROCESSOR CONNECTORS HAVING REDUCED OCCLUSION |
| ASP5032 | ASP5032GBEPA | UNITED KINGDOM (Great Britain) | 30-May-06 | 06252780.9 | 14-Jan-09 | 1728466 | ENDOSCOPE REPROCESSOR CONNECTORS HAVING REDUCED OCCLUSION |
| ASP5032 | ASP5032ITEPA | ITALY | 30-May-06 | 06252780.9 | 14-Jan-09 | 1728466 | ENDOSCOPE REPROCESSOR CONNECTORS HAVING REDUCED OCCLUSION |
| ASP5035 | ASP5035AUNP | AUSTRALIA | 28-Sep-06 | 2006222761 | 19-Jan-12 | 2006222761 | METHOD OF DETECTING CONNECTION OF TEST PORT ON AN ENDOSCOPE |
| ASP5035 | ASP5035BRNP | BRAZIL | 2-Oct-06 | P10604014.4 | | | METHOD OF DETECTING CONNECTION OF TEST PORT ON AN ENDOSCOPE |
| ASP5035 | ASP5035CANP | CANADA | 28-Sep-06 | 2561609 | 23-Jul-13 | 2561609 | METHOD OF DETECTING CONNECTION OF TEST PORT ON AN ENDOSCOPE |
| ASP5035 | ASP5035CINNP | CHINA | 29-Sep-06 | 200610146496.9 | 8-Sep-10 | 200610146496.9 | METHOD OF DETECTING CONNECTION OF TEST PORT ON AN ENDOSCOPE |
| ASP5035 | ASP5035DEEPA | GERMANY | 29-Sep-06 | 06255054.6 | 7-Jan-09 | 602006004663.4 | METHOD OF DETECTING CONNECTION OF TEST PORT ON AN ENDOSCOPE |
| ASP5035 | ASP5035EPEPA | EUROPEAN PROCEDURE (EPO Procedure) | 29-Sep-06 | 06255054.6 | 7-Jan-09 | 1769721 | METHOD OF DETECTING CONNECTION OF TEST PORT ON AN ENDOSCOPE |
| ASP5035 | ASP5035ESEPA | SPAIN | 29-Sep-06 | 06255054.6 | 7-Jan-09 | 1769721 | METHOD OF DETECTING CONNECTION OF TEST PORT ON AN ENDOSCOPE |
| ASP5035 | ASP5035FREPA | FRANCE | 29-Sep-06 | 06255054.6 | 7-Jan-09 | 1769721 | METHOD OF DETECTING CONNECTION OF TEST PORT ON AN ENDOSCOPE |
| ASP5035 | ASP5035GBEPA | UNITED KINGDOM (Great Britain) | 29-Sep-06 | 06255054.6 | 7-Jan-09 | 1769721 | METHOD OF DETECTING CONNECTION OF TEST PORT ON AN ENDOSCOPE |
| ASP5035 | ASP5035INNPNP | INDIA | 28-Sep-06 | 1005/KOL/2006 | 31-Aug-16 | 275387 | METHOD OF DETECTING CONNECTION OF TEST PORT ON AN ENDOSCOPE |
| ASP5035 | ASP5035ITEPA | ITALY | 29-Sep-06 | 06255054.6 | 7-Jan-09 | 1769721 | METHOD OF DETECTING CONNECTION OF TEST PORT ON AN ENDOSCOPE |
| ASP5035 | ASP5035JPNP | JAPAN | 29-Sep-06 | 2006-267208 | 11-May-12 | 4987410 | METHOD OF DETECTING CONNECTION OF TEST PORT ON AN ENDOSCOPE |
| ASP5035 | ASP5035KRNP | KOREA (SOUTH) | 2-Oct-06 | 10-2006-0097249 | 27-Jan-13 | 10-1281473 | METHOD OF DETECTING CONNECTION OF TEST PORT ON AN ENDOSCOPE |
| ASP5035 | ASP5035MXNP | MEXICO | 2-Oct-06 | PA/A/2006/011407 | 4-Jan-09 | 267207 | METHOD OF DETECTING CONNECTION OF TEST PORT ON AN ENDOSCOPE |
| ASP5035 | ASP5035NLEPA | NETHERLANDS | 29-Sep-06 | 06255054.6 | 7-Jan-09 | 1769721 | METHOD OF DETECTING CONNECTION OF TEST PORT ON AN ENDOSCOPE |

| Patent Family # | Internal reference | Country [W] | Filing date | Filing number | Grant Date | Grant number | Short Title |
|-----------------|--------------------|------------------------------------|-------------|----------------|------------|-----------------|---|
| ASP5035 | ASP5035PLEPA | POLAND | 29-Sep-06 | 06255054.6 | 7-Jan-09 | 1769721 | METHOD OF DETECTING CONNECTION OF TEST PORT ON AN ENDOSCOPE |
| ASP5035 | ASP5035RUNP | RUSSIAN FEDERATION | 29-Sep-06 | 2006134678 | 20-Oct-11 | 2431503 | METHOD OF DETECTING CONNECTION OF TEST PORT ON AN ENDOSCOPE |
| ASP5035 | ASP5035TWNP | TAIWAN | 29-Sep-06 | 95136123 | 11-Feb-13 | 1384960 | METHOD OF DETECTING CONNECTION OF TEST PORT ON AN ENDOSCOPE |
| ASP5035 | ASP5035USNP | UNITED STATES OF AMERICA | 30-Sep-05 | 11/240060 | 11-Mar-08 | 7340943 | METHOD OF DETECTING CONNECTION OF TEST PORT ON AN ENDOSCOPE |
| ASP5038 | ASP5038CNNP | CHINA | 27-Oct-06 | 200610142877.X | 8-Jun-11 | 200610142877.X | METHOD OF DETECTING PROPER CONNECTION OF AN ENDOSCOPE TO AN ENDOSCOPE PROCESSOR |
| ASP5038 | ASP5038DEEPA | GERMANY | 27-Oct-06 | 06255537.0 | 15-Mar-17 | 602006051961.3 | METHOD OF DETECTING PROPER CONNECTION OF AN ENDOSCOPE TO AN ENDOSCOPE PROCESSOR |
| ASP5038 | ASP5038EPEPA | EUROPEAN PROCEDURE (EPO Procedure) | 27-Oct-06 | 06255537.0 | 15-Mar-17 | 1779769 | METHOD OF DETECTING PROPER CONNECTION OF AN ENDOSCOPE TO AN ENDOSCOPE PROCESSOR |
| ASP5038 | ASP5038EPOED1 | EUROPEAN PROCEDURE (EPO Procedure) | 27-Oct-06 | 17160845.8 | | | METHOD OF DETECTING PROPER CONNECTION OF AN ENDOSCOPE TO AN ENDOSCOPE PROCESSOR |
| ASP5038 | ASP5038ESEP A | SPAIN | 27-Oct-06 | 06255537.0 | 15-Mar-17 | 1779769 | METHOD OF DETECTING PROPER CONNECTION OF AN ENDOSCOPE TO AN ENDOSCOPE PROCESSOR |
| ASP5038 | ASP5038FREPA | FRANCE | 27-Oct-06 | 06255537.0 | 15-Mar-17 | 1779769 | METHOD OF DETECTING PROPER CONNECTION OF AN ENDOSCOPE TO AN ENDOSCOPE PROCESSOR |
| ASP5038 | ASP5038GBEPA | UNITED KINGDOM (Great Britain) | 27-Oct-06 | 06255537.0 | 15-Mar-17 | 1779769 | METHOD OF DETECTING PROPER CONNECTION OF AN ENDOSCOPE TO AN ENDOSCOPE PROCESSOR |
| ASP5038 | ASP5038ITEPA | ITALY | 27-Oct-06 | 06255537.0 | 15-Mar-17 | 502017000054920 | METHOD OF DETECTING PROPER CONNECTION OF AN ENDOSCOPE TO AN ENDOSCOPE PROCESSOR |
| ASP5038 | ASP5038JPNP | JAPAN | 27-Oct-06 | 2006-292926 | 12-Oct-12 | 5106821 | METHOD OF DETECTING PROPER CONNECTION OF AN ENDOSCOPE TO AN ENDOSCOPE PROCESSOR |
| ASP5038 | ASP5038USNP | UNITED STATES OF AMERICA | 28-Oct-05 | 11/263062 | 30-Mar-10 | 7686761 | METHOD OF DETECTING PROPER CONNECTION OF AN ENDOSCOPE TO AN ENDOSCOPE PROCESSOR |
| ASP5039 | ASP5039CNNP | CHINA | 31-Oct-06 | 200610143216.9 | 10-Oct-12 | 200610143216.9 | APPARATUS AND METHOD FOR PROVIDING FLOW TO ENDOSCOPE CHANNELS |
| ASP5039 | ASP5039DEEPA | GERMANY | 30-Oct-06 | 06255564.4 | 1-Jul-09 | 602006007525.1 | APPARATUS AND METHOD FOR PROVIDING FLOW TO ENDOSCOPE CHANNELS |
| ASP5039 | ASP5039EPEPA | EUROPEAN PROCEDURE (EPO Procedure) | 30-Oct-06 | 06255564.4 | 1-Jul-09 | 1779770 | APPARATUS AND METHOD FOR PROVIDING FLOW TO ENDOSCOPE CHANNELS |

| Patent Family # | Internal reference | Country [W] | Filing date | Filing number | Grant Date | Grant number | Short Title |
|-----------------|--------------------|------------------------------------|-------------|------------------|------------|----------------|---|
| ASP5039 | ASP5039ESEPA | SPAIN | 30-Oct-06 | 06255564.4 | 1-Jul-09 | 1779770 | APPARATUS AND METHOD FOR PROVIDING FLOW TO ENDOSCOPE CHANNELS |
| ASP5039 | ASP5039FRIEPA | FRANCE | 30-Oct-06 | 06255564.4 | 1-Jul-09 | 1779770 | APPARATUS AND METHOD FOR PROVIDING FLOW TO ENDOSCOPE CHANNELS |
| ASP5039 | ASP5039GBEPA | UNITED KINGDOM (Great Britain) | 30-Oct-06 | 06255564.4 | 1-Jul-09 | 1779770 | APPARATUS AND METHOD FOR PROVIDING FLOW TO ENDOSCOPE CHANNELS |
| ASP5039 | ASP5039ITTEPA | ITALY | 30-Oct-06 | 06255564.4 | 1-Jul-09 | 1779770 | APPARATUS AND METHOD FOR PROVIDING FLOW TO ENDOSCOPE CHANNELS |
| ASP5039 | ASP5039MXNPNP | MEXICO | 30-Oct-06 | PA/A/2006/012558 | 30-Oct-09 | 271386 | APPARATUS AND METHOD FOR PROVIDING FLOW TO ENDOSCOPE CHANNELS |
| ASP5039 | ASP5039RUNPNP | RUSSIAN FEDERATION | 30-Oct-06 | 2006138268 | 20-Jul-11 | 2423907 | APPARATUS AND METHOD FOR PROVIDING FLOW TO ENDOSCOPE CHANNELS |
| ASP5039 | ASP5039USNP | UNITED STATES OF AMERICA | 31-Oct-05 | 11/263010 | 5-Apr-11 | 7918788 | APPARATUS AND METHOD FOR PROVIDING FLOW TO ENDOSCOPE CHANNELS |
| ASP5040 | ASP5040CNNP | CHINA | 29-Dec-06 | 200610171745.X | 3-Nov-10 | 200610171745.X | CABINET TYPE ENDOSCOPE PROCESSOR |
| ASP5040 | ASP5040DBEPA | GERMANY | 28-Dec-06 | 06256601.3 | 18-Mar-09 | 602006005783.0 | CABINET TYPE ENDOSCOPE PROCESSOR |
| ASP5040 | ASP5040EPEPA | EUROPEAN PROCEDURE (EPO Procedure) | 28-Dec-06 | 06256601.3 | 18-Mar-09 | 1815874 | CABINET TYPE ENDOSCOPE PROCESSOR |
| ASP5040 | ASP5040ESEPA | SPAIN | 28-Dec-06 | 06256601.3 | 18-Mar-09 | 1815874 | CABINET TYPE ENDOSCOPE PROCESSOR |
| ASP5040 | ASP5040FRIEPA | FRANCE | 28-Dec-06 | 06256601.3 | 18-Mar-09 | 1815874 | CABINET TYPE ENDOSCOPE PROCESSOR |
| ASP5040 | ASP5040GBEPA | UNITED KINGDOM (Great Britain) | 28-Dec-06 | 06256601.3 | 18-Mar-09 | 1815874 | CABINET TYPE ENDOSCOPE PROCESSOR |
| ASP5040 | ASP5040ITEPA | ITALY | 28-Dec-06 | 06256601.3 | 18-Mar-09 | 1815874 | CABINET TYPE ENDOSCOPE PROCESSOR |
| ASP5040 | ASP5040JPNP | JAPAN | 28-Dec-06 | 354987/2006 | 17-Aug-12 | 5064020 | CABINET TYPE ENDOSCOPE PROCESSOR |
| ASP5040 | ASP5040MXNPNP | MEXICO | 8-Jan-07 | MX/A/2007/000294 | 8-Jul-10 | 2771178 | CABINET TYPE ENDOSCOPE PROCESSOR |
| ASP5040 | ASP5040RUNPNP | RUSSIAN FEDERATION | 28-Dec-06 | 2006147215 | 10-Jul-11 | 2423067 | CABINET TYPE ENDOSCOPE PROCESSOR |
| ASP5040 | ASP5040USNP | UNITED STATES OF AMERICA | 29-Dec-05 | 11/321247 | 26-Jan-10 | 7651672 | CABINET TYPE ENDOSCOPE PROCESSOR |
| ASP5041 | ASP5041DBEPA | GERMANY | 28-Dec-06 | 06256602.1 | 29-Apr-09 | 602006006532.9 | Endoscope Processing Cabinet |
| ASP5041 | ASP5041EPEPA | EUROPEAN PROCEDURE (EPO Procedure) | 28-Dec-06 | 06256602.1 | 29-Apr-09 | 1803470 | Endoscope Processing Cabinet |
| ASP5041 | ASP5041ESEPA | SPAIN | 28-Dec-06 | 06256602.1 | 29-Apr-09 | 1803470 | Endoscope Processing Cabinet |

| Patent Family # | Internal reference | Country [W] | Filing date | Filing number | Grant Date | Grant number | Short Title |
|-----------------|--------------------|------------------------------------|-------------|-------------------|------------|----------------|---|
| ASP5041 | ASP5041FRBPA | FRANCE | 28-Dec-06 | 06256602.1 | 29-Apr-09 | 1803470 | Endoscope Processing Cabinet |
| ASP5041 | ASP5041GBEPA | UNITED KINGDOM (Great Britain) | 28-Dec-06 | 06256602.1 | 29-Apr-09 | 1803470 | Endoscope Processing Cabinet |
| ASP5041 | ASP5041ITEPA | ITALY | 28-Dec-06 | 06256602.1 | 29-Apr-09 | 1803470 | Endoscope Processing Cabinet |
| ASP5042 | ASP5042DEEPA | GERMANY | 30-Mar-07 | 07251396.3 | 1-Aug-12 | 602007024292.4 | A METHOD AND SYSTEM FOR PRION INACTIVATION |
| ASP5042 | ASP5042DEOEED1 | GERMANY | 30-Mar-07 | 10179975.7 | 23-May-12 | 602007022920.0 | A METHOD AND SYSTEM FOR PRION INACTIVATION |
| ASP5042 | ASP5042EPEPA | EUROPEAN PROCEDURE (EPO Procedure) | 30-Mar-07 | 07251396.3 | 1-Aug-12 | 1839679 | A METHOD AND SYSTEM FOR PRION INACTIVATION |
| ASP5042 | ASP5042EPOEED1 | EUROPEAN PROCEDURE (EPO Procedure) | 30-Mar-07 | 10179975.7 | 23-May-12 | 2279761 | A METHOD AND SYSTEM FOR PRION INACTIVATION |
| ASP5042 | ASP5042ESEPA | SPAIN | 30-Mar-07 | 07251396.3 | 1-Aug-12 | 1839679 | A METHOD AND SYSTEM FOR PRION INACTIVATION |
| ASP5042 | ASP5042ESOEED1 | SPAIN | 30-Mar-07 | 10179975.7 | 23-May-12 | 2279761 | A METHOD AND SYSTEM FOR PRION INACTIVATION |
| ASP5042 | ASP5042FRBPA | FRANCE | 30-Mar-07 | 07251396.3 | 1-Aug-12 | 1839679 | A METHOD AND SYSTEM FOR PRION INACTIVATION |
| ASP5042 | ASP5042FROED1 | FRANCE | 30-Mar-07 | 10179975.7 | 23-May-12 | 2279761 | A METHOD AND SYSTEM FOR PRION INACTIVATION |
| ASP5042 | ASP5042GBEPA | UNITED KINGDOM (Great Britain) | 30-Mar-07 | 07251396.3 | 1-Aug-12 | 1839679 | A METHOD AND SYSTEM FOR PRION INACTIVATION |
| ASP5042 | ASP5042GBOED1 | UNITED KINGDOM (Great Britain) | 30-Mar-07 | 10179975.7 | 23-May-12 | 2279761 | A METHOD AND SYSTEM FOR PRION INACTIVATION |
| ASP5042 | ASP5042ITEPA | ITALY | 30-Mar-07 | 07251396.3 | 1-Aug-12 | 1839679 | A METHOD AND SYSTEM FOR PRION INACTIVATION |
| ASP5042 | ASP5042ITOEED1 | ITALY | 30-Mar-07 | 10179975.7 | 23-May-12 | 2279761 | A METHOD AND SYSTEM FOR PRION INACTIVATION |
| ASP5042 | ASP5042NLEPA | NETHERLANDS | 30-Mar-07 | 07251396.3 | 1-Aug-12 | 1839679 | A METHOD AND SYSTEM FOR PRION INACTIVATION |
| ASP5042 | ASP5042NLOEED1 | NETHERLANDS | 30-Mar-07 | 10179975.7 | 23-May-12 | 2279761 | A METHOD AND SYSTEM FOR PRION INACTIVATION |
| ASP5042 | ASP5042RUNP | RUSSIAN FEDERATION | 30-Mar-07 | 2007111847 | 27-Oct-11 | 2432176 | A METHOD AND SYSTEM FOR PRION INACTIVATION |
| ASP5051 | ASP5051WOPCT | INTERNATIONAL PROCEDURE | 28-Mar-08 | PCT/US2008/058610 | | | CONTAINER STERILIZER WITH LID CONTROL |
| ASP5053 | ASP5053USDIV1 | UNITED STATES OF AMERICA | 18-May-10 | 12/781891 | 19-Nov-13 | 8585832 | WASHER AND DECONTAMINATOR WITH LID CONTROL |
| ASP5053 | ASP5053USNP | UNITED STATES OF AMERICA | 30-Mar-07 | 11/694071 | 6-Jul-10 | 7749330 | WASHER AND DECONTAMINATOR WITH LID CONTROL |
| ASP5055 | ASP5055USNP | UNITED STATES OF AMERICA | 14-Sep-07 | 11/855291 | 21-Aug-12 | 8246909 | AUTOMATED ENDOSCOPE REPROCESSOR DISINFECTANT CONCENTRATION MONITORING SYSTEM AND METHOD |

| Patent Family # | Internal reference | Country [W] | Filing date | Filing number | Grant Date | Grant number | Short Title |
|-----------------|--------------------|------------------------------------|-------------|-----------------------|------------|----------------|---|
| ASP5055 | ASP5055USPSP | UNITED STATES OF AMERICA | 29-Aug-07 | 60/968702 | | | AUTOMATED ENDOSCOPE REPROCESSOR DISINFECTANT CONCENTRATION MONITORING SYSTEM AND METHOD |
| ASP5056 | ASP5056WOPCT | INTERNATIONAL PROCEDURE | 29-Oct-08 | PCT/US2008/08154 6 | | | ANIMATE TISSUE ANTISEPSIS |
| ASP5057 | ASP5057WOPCT | INTERNATIONAL PROCEDURE | 29-Oct-08 | PCT/US2008/08155 4 | | | DELIVERY OF FLUID TO MEDICAL DEVICE LUMENS |
| ASP5058 | ASP5058WOPCT | INTERNATIONAL PROCEDURE | 29-Oct-08 | PCT/US2008/08156 3 | | | ENHANCED DIALDEHYDE DISINFECTANT AND STERILIZATION FORMULATIONS |
| ASP5059 | ASP5059USNP | UNITED STATES OF AMERICA | 31-Oct-07 | 11/930931 | 17-Feb-09 | 7492457 | METHODS AND DEVICES FOR TESTING GERMICIDE ACTIVITY |
| ASP5059 | ASP5059WOPCT | INTERNATIONAL PROCEDURE | 29-Oct-08 | PCT/US2008/08156 4 | | | METHODS AND DEVICES FOR TESTING GERMICIDE ACTIVITY |
| ASP5070 | ASP5070USPSP | UNITED STATES OF AMERICA | 2-May-08 | 61/049994 | | | MICROEMULSION GERMICIDAL COMPOSITION |
| ASP5070 | ASP5070WOPCT | INTERNATIONAL PROCEDURE | 30-Apr-09 | PCT/US2009/04226 9 | | | MICROEMULSION GERMICIDAL COMPOSITION |
| ASP5072 | ASP5072AUPCT | AUSTRALIA | 5-Oct-09 | 2009303649 | 11-Feb-16 | 2009303649 | ENDOSCOPE CHANNEL SEPARATOR |
| ASP5072 | ASP5072BRPCT | BRAZIL | 5-Oct-09 | PI0920215-3 | | | ENDOSCOPE CHANNEL SEPARATOR |
| ASP5072 | ASP5072CNPCT | CHINA | 5-Oct-09 | 200980141339.0 | 29-Apr-15 | 200980141339.0 | ENDOSCOPE CHANNEL SEPARATOR |
| ASP5072 | ASP5072EPEPT | EUROPEAN PROCEDURE (EPO Procedure) | 5-Oct-09 | 09741513.7 | | | ENDOSCOPE CHANNEL SEPARATOR |
| ASP5072 | ASP5072INPCT | INDIA | 5-Oct-09 | 1419/KOLNP/11 | | | ENDOSCOPE CHANNEL SEPARATOR |
| ASP5072 | ASP5072JPPCT | JAPAN | 5-Oct-09 | 2011-531091 | 28-Mar-14 | 5507569 | ENDOSCOPE CHANNEL SEPARATOR |
| ASP5072 | ASP5072MXPCT | MEXICO | 5-Oct-09 | MX/A/2011/003959 | 20-Mar-15 | 328716 | ENDOSCOPE CHANNEL SEPARATOR |
| ASP5072 | ASP5072RUPCT | RUSSIAN FEDERATION | 5-Oct-09 | 2011119113 | 10-May-14 | 2515526 | ENDOSCOPE CHANNEL SEPARATOR |
| ASP5072 | ASP5072USCNT1 | UNITED STATES OF AMERICA | 8-Feb-17 | 15/427745 | | | ENDOSCOPE CHANNEL SEPARATOR |
| ASP5072 | ASP5072USPCT | UNITED STATES OF AMERICA | 5-Oct-09 | 12/998460 | 14-Feb-17 | 9565995 | ENDOSCOPE CHANNEL SEPARATOR |
| ASP5072 | ASP5072USPSP | UNITED STATES OF AMERICA | 13-Oct-08 | 61/196714 | | | ENDOSCOPE CHANNEL SEPARATOR |
| ASP5072 | ASP5072WOPCT | INTERNATIONAL PROCEDURE | 5-Oct-09 | PCT/US2009/05951 7 | | | ENDOSCOPE CHANNEL SEPARATOR |
| ASP5073 | ASP5073AUPCT | AUSTRALIA | 5-Oct-09 | 2009303650 | 24-Dec-15 | 2009303650 | QUICK DISCONNECT FLUID CONNECTOR |
| ASP5073 | ASP5073BRPCT | BRAZIL | 5-Oct-09 | PI0920189-0 | | | QUICK DISCONNECT FLUID CONNECTOR |
| ASP5073 | ASP5073CAPCT | CANADA | 5-Oct-09 | 2740426 | 28-Mar-17 | 2740426 | QUICK DISCONNECT FLUID CONNECTOR |

| Patent Family # | Internal reference | Country [W] | Filing date | Filing number | Grant Date | Grant number | Short Title |
|-----------------|--------------------|------------------------------------|-------------|-------------------|------------|----------------|---|
| ASP5073 | ASP5073CHEPT | SWITZERLAND | 5-Oct-09 | 09760367.4 | 17-Apr-13 | 2361032 | QUICK DISCONNECT FLUID CONNECTOR |
| ASP5073 | ASP5073CNPCT | CHINA | 5-Oct-09 | 200980141338.6 | 20-Aug-14 | 200980141338.6 | QUICK DISCONNECT FLUID CONNECTOR |
| ASP5073 | ASP5073DEEPT | GERMANY | 5-Oct-09 | 09760367.4 | 17-Apr-13 | 602009015037.5 | QUICK DISCONNECT FLUID CONNECTOR |
| ASP5073 | ASP5073EEEPT | EUROPEAN PROCEDURE (EPO Procedure) | 5-Oct-09 | 09760367.4 | 17-Apr-13 | 2361032 | QUICK DISCONNECT FLUID CONNECTOR |
| ASP5073 | ASP5073ESEPTEPT | SPAIN | 5-Oct-09 | 09760367.4 | 17-Apr-13 | 2361032 | QUICK DISCONNECT FLUID CONNECTOR |
| ASP5073 | ASP5073FRLEPT | FRANCE | 5-Oct-09 | 09760367.4 | 17-Apr-13 | 2361032 | QUICK DISCONNECT FLUID CONNECTOR |
| ASP5073 | ASP5073GBEPT | UNITED KINGDOM (Great Britain) | 5-Oct-09 | 09760367.4 | 17-Apr-13 | 2361032 | QUICK DISCONNECT FLUID CONNECTOR |
| ASP5073 | ASP5073IEEPT | IRELAND | 5-Oct-09 | 09760367.4 | 17-Apr-13 | 2361032 | QUICK DISCONNECT FLUID CONNECTOR |
| ASP5073 | ASP5073INPCT | INDIA | 5-Oct-09 | 1418/KOLNP/11 | | | QUICK DISCONNECT FLUID CONNECTOR |
| ASP5073 | ASP5073ITEPT | ITALY | 5-Oct-09 | 09760367.4 | 17-Apr-13 | 2361032 | QUICK DISCONNECT FLUID CONNECTOR |
| ASP5073 | ASP5073JPPCT | JAPAN | 5-Oct-09 | 2011-531093 | 13-Feb-15 | 5694173 | QUICK DISCONNECT FLUID CONNECTOR |
| ASP5073 | ASP5073MXRPT | MEXICO | 5-Oct-09 | MX/A/11/003960 | 3-Jun-14 | 320800 | QUICK DISCONNECT FLUID CONNECTOR |
| ASP5073 | ASP5073NLEPT | NETHERLANDS | 5-Oct-09 | 09760367.4 | 17-Apr-13 | 2361032 | QUICK DISCONNECT FLUID CONNECTOR |
| ASP5073 | ASP5073PLEPT | POLAND | 5-Oct-09 | 09760367.4 | 17-Apr-13 | 2361032 | QUICK DISCONNECT FLUID CONNECTOR |
| ASP5073 | ASP5073RUPCT | RUSSIAN FEDERATION | 5-Oct-09 | 20111119111 | 10-May-14 | 2515294 | QUICK DISCONNECT FLUID CONNECTOR |
| ASP5073 | ASP5073USPCT | UNITED STATES OF AMERICA | 5-Oct-09 | 12/998458 | 6-Sep-16 | 9433771 | QUICK DISCONNECT FLUID CONNECTOR |
| ASP5073 | ASP5073USPSP | UNITED STATES OF AMERICA | 13-Oct-08 | 61/196715 | | | QUICK DISCONNECT FLUID CONNECTOR |
| ASP5073 | ASP5073WOPCT | INTERNATIONAL PROCEDURE | 5-Oct-09 | PCT/US2009/059521 | | | QUICK DISCONNECT FLUID CONNECTOR |
| ASP5074 | ASP5074AUPCT | AUSTRALIA | 5-Oct-09 | 2009303653 | 7-Jan-16 | 2009303653 | FLUID CONNECTOR FOR ENDOSCOPE REPROCESSING SYSTEM |
| ASP5074 | ASP5074BRPCT | BRAZIL | 5-Oct-09 | P10920194-7 | | | FLUID CONNECTOR FOR ENDOSCOPE REPROCESSING SYSTEM |
| ASP5074 | ASP5074CAPCT | CANADA | 5-Oct-09 | 2740427 | 28-Mar-17 | 2740427 | FLUID CONNECTOR FOR ENDOSCOPE REPROCESSING SYSTEM |
| ASP5074 | ASP5074CNPCT | CHINA | 5-Oct-09 | 200980141340.3 | 17-Dec-14 | 200980141340.3 | FLUID CONNECTOR FOR ENDOSCOPE REPROCESSING SYSTEM |
| ASP5074 | ASP5074EEEPT | EUROPEAN PROCEDURE (EPO Procedure) | 5-Oct-09 | 09737265.0 | | | FLUID CONNECTOR FOR ENDOSCOPE REPROCESSING SYSTEM |
| ASP5074 | ASP5074INPCT | INDIA | 5-Oct-09 | 1417/KOLNP/11 | | | FLUID CONNECTOR FOR ENDOSCOPE REPROCESSING SYSTEM |
| ASP5074 | ASP5074JPPCT | JAPAN | 5-Oct-09 | 2011-531095 | 23-May-14 | 5547203 | FLUID CONNECTOR FOR ENDOSCOPE REPROCESSING SYSTEM |

| Patent Family # | Internal reference | Country [W] | Filing date | Filing number | Grant Date | Grant number | Short Title |
|-----------------|--------------------|------------------------------------|-------------|-------------------|------------|----------------|---|
| ASP5074 | ASP5074MXPCT | MEXICO | 5-Oct-09 | MX/A/11/003957 | 26-Aug-14 | 323116 | FLUID CONNECTOR FOR ENDOSCOPE REPROCESSING SYSTEM |
| ASP5074 | ASP5074RUPCT | RUSSIAN FEDERATION | 5-Oct-09 | 2011119114 | 10-Jun-14 | 2519176 | FLUID CONNECTOR FOR ENDOSCOPE REPROCESSING SYSTEM |
| ASP5074 | ASP5074USDIV1 | UNITED STATES OF AMERICA | 10-Mar-17 | 15/456042 | | | FLUID CONNECTOR FOR ENDOSCOPE REPROCESSING SYSTEM |
| ASP5074 | ASP5074USPCT | UNITED STATES OF AMERICA | 5-Oct-09 | 12/998459 | 14-Mar-17 | 9592373 | FLUID CONNECTOR FOR ENDOSCOPE REPROCESSING SYSTEM |
| ASP5074 | ASP5074USPSP | UNITED STATES OF AMERICA | 13-Oct-08 | 61/196713 | | | FLUID CONNECTOR FOR ENDOSCOPE REPROCESSING SYSTEM |
| ASP5074 | ASP5074WOPCT | INTERNATIONAL PROCEDURE | 5-Oct-09 | PCT/US2009/059525 | | | FLUID CONNECTOR FOR ENDOSCOPE REPROCESSING SYSTEM |
| ASP5097 | ASP5097AUNP | AUSTRALIA | 24-Aug-06 | 2006203682 | 9-Jun-11 | 2006203682 | AUTOMATED ENDOSCOPE REPROCESSOR SOLUTION TESTING |
| ASP5097 | ASP5097BRNP | BRAZIL | 25-Aug-06 | P10603523-0 | 27-Jan-15 | P10603523-0 | AUTOMATED ENDOSCOPE REPROCESSOR SOLUTION TESTING |
| ASP5097 | ASP5097CANP | CANADA | 23-Aug-06 | 2556875 | 21-Jan-14 | 2556875 | AUTOMATED ENDOSCOPE REPROCESSOR SOLUTION TESTING |
| ASP5097 | ASP5097CHEPA | SWITZERLAND | 25-Aug-06 | 06254458.0 | 2-Mar-11 | 1757313 | AUTOMATED ENDOSCOPE REPROCESSOR SOLUTION TESTING |
| ASP5097 | ASP5097CNP | CHINA | 25-Aug-06 | 200610121653.0 | 17-Oct-12 | 200610121653.0 | AUTOMATED ENDOSCOPE REPROCESSOR SOLUTION TESTING |
| ASP5097 | ASP5097DEHPA | GERMANY | 25-Aug-06 | 06254458.0 | 2-Mar-11 | 1757313 | AUTOMATED ENDOSCOPE REPROCESSOR SOLUTION TESTING |
| ASP5097 | ASP5097IEHPA | EUROPEAN PROCEDURE (EPO Procedure) | 25-Aug-06 | 06254458.0 | 2-Mar-11 | 1757313 | AUTOMATED ENDOSCOPE REPROCESSOR SOLUTION TESTING |
| ASP5097 | ASP5097IEHPA | SPAIN | 25-Aug-06 | 06254458.0 | 2-Mar-11 | 1757313 | AUTOMATED ENDOSCOPE REPROCESSOR SOLUTION TESTING |
| ASP5097 | ASP5097FRHPA | FRANCE | 25-Aug-06 | 06254458.0 | 2-Mar-11 | 1757313 | AUTOMATED ENDOSCOPE REPROCESSOR SOLUTION TESTING |
| ASP5097 | ASP5097GBHPA | UNITED KINGDOM (Great Britain) | 25-Aug-06 | 06254458.0 | 2-Mar-11 | 1757313 | AUTOMATED ENDOSCOPE REPROCESSOR SOLUTION TESTING |
| ASP5097 | ASP5097IEHPA | IRELAND | 25-Aug-06 | 06254458.0 | 2-Mar-11 | 1757313 | AUTOMATED ENDOSCOPE REPROCESSOR SOLUTION TESTING |
| ASP5097 | ASP5097INNP | INDIA | 11-Aug-06 | 805/KOL/06 | 22-Jun-10 | 240783 | AUTOMATED ENDOSCOPE REPROCESSOR SOLUTION TESTING |
| ASP5097 | ASP5097ITEPA | ITALY | 25-Aug-06 | 06254458.0 | 2-Mar-11 | 1757313 | AUTOMATED ENDOSCOPE REPROCESSOR SOLUTION TESTING |
| ASP5097 | ASP5097JPNP | JAPAN | 25-Aug-06 | 2006-229607 | 13-Apr-12 | 4969951 | AUTOMATED ENDOSCOPE REPROCESSOR SOLUTION TESTING |
| ASP5097 | ASP5097KRNP | KOREA (SOUTH) | 25-Aug-06 | 10-2006-0081352 | 15-Feb-13 | 1235657 | AUTOMATED ENDOSCOPE REPROCESSOR SOLUTION TESTING |
| ASP5097 | ASP5097MXNP | MEXICO | 25-Aug-06 | PA/A/2006/009705 | 8-Oct-08 | 261165 | AUTOMATED ENDOSCOPE REPROCESSOR SOLUTION TESTING |
| ASP5097 | ASP5097NLHPA | NETHERLANDS | 25-Aug-06 | 06254458.0 | 2-Mar-11 | 1757313 | AUTOMATED ENDOSCOPE REPROCESSOR SOLUTION TESTING |

| Patent Family # | Internal reference | Country [W] | Filing date | Filing number | Grant Date | Grant number | Short Title |
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| ASP5097 | ASP5097PLEPA | POLAND | 25-Aug-06 | 06254458.0 | 2-Mar-11 | 1757313 | AUTOMATED ENDOSCOPE REPROCESSOR SOLUTION TESTING |
| ASP5097 | ASP5097RUNP | RUSSIAN FEDERATION | 25-Aug-06 | 2006130728 | 10-Mar-11 | 2413540 | AUTOMATED ENDOSCOPE REPROCESSOR SOLUTION TESTING |
| ASP5097 | ASP5097TWNP | TAIWAN | 25-Aug-06 | 95131224 | 21-Jan-13 | 1382858 | AUTOMATED ENDOSCOPE REPROCESSOR SOLUTION TESTING |
| ASP5097 | ASP5097USNP | UNITED STATES OF AMERICA | 26-Aug-05 | 11/212955 | 20-Jan-09 | 7479257 | AUTOMATED ENDOSCOPE REPROCESSOR SOLUTION TESTING |
| ASP5099 | ASP5099AUPCDI | AUSTRALIA | 18-Oct-12 | 2016204530 | 30-Nov-17 | 2016204530 | INSTRUMENT REPROCESSOR AND INSTRUMENT REPROCESSING METHODS |
| ASP5099 | ASP5099AUPCT | AUSTRALIA | 18-Oct-12 | 2012326120 | 27-Oct-16 | 2012326120 | INSTRUMENT REPROCESSOR AND INSTRUMENT REPROCESSING METHODS |
| ASP5099 | ASP5099AUPCTI | AUSTRALIA | 18-Oct-12 | 2012326042 | 14-Sep-17 | 2012326042 | INSTRUMENT REPROCESSOR AND INSTRUMENT REPROCESSING METHODS |
| ASP5099 | ASP5099BRPCT | BRAZIL | 18-Oct-12 | BR112014009407-1 | | | INSTRUMENT REPROCESSOR AND INSTRUMENT REPROCESSING METHODS |
| ASP5099 | ASP5099BRPCTI | BRAZIL | 18-Oct-12 | BR112014009428-4 | | | INSTRUMENT REPROCESSOR AND INSTRUMENT REPROCESSING METHODS |
| ASP5099 | ASP5099CAPCT | CANADA | 18-Oct-12 | 2852453 | | | INSTRUMENT REPROCESSOR AND INSTRUMENT REPROCESSING METHODS |
| ASP5099 | ASP5099CAPCTI | CANADA | 18-Oct-12 | 2852457 | | | INSTRUMENT REPROCESSOR AND INSTRUMENT REPROCESSING METHODS |
| ASP5099 | ASP5099CHEPT | SWITZERLAND | 18-Oct-12 | 12790712.9 | 7-Sep-16 | 2768377 | INSTRUMENT REPROCESSOR AND INSTRUMENT REPROCESSING METHODS |
| ASP5099 | ASP5099CHEPTI | SWITZERLAND | 18-Oct-12 | 12788673.7 | 20-Jan-16 | 2768374 | INSTRUMENT REPROCESSOR AND INSTRUMENT REPROCESSING METHODS |
| ASP5099 | ASP5099CNPCTI | CHINA | 18-Oct-12 | 201710091496.1 | | | INSTRUMENT REPROCESSOR AND INSTRUMENT REPROCESSING METHODS |
| ASP5099 | ASP5099CNPCT | CHINA | 18-Oct-12 | 201280051144.9 | 12-Sep-17 | 201280051144.9 | INSTRUMENT REPROCESSOR AND INSTRUMENT REPROCESSING METHODS |
| ASP5099 | ASP5099CNPCTI | CHINA | 18-Oct-12 | 201280051188.1 | 28-Dec-16 | 201280051188.1 | INSTRUMENT REPROCESSOR AND INSTRUMENT REPROCESSING METHODS |
| ASP5099 | ASP5099DEEPT | GERMANY | 18-Oct-12 | 12790712.9 | 7-Sep-16 | 602012022558.0 | INSTRUMENT REPROCESSOR AND INSTRUMENT REPROCESSING METHODS |
| ASP5099 | ASP5099DEEPTI | GERMANY | 18-Oct-12 | 12788673.7 | 20-Jan-16 | 602012014208.1 | INSTRUMENT REPROCESSOR AND INSTRUMENT REPROCESSING METHODS |
| ASP5099 | ASP5099EPEPT | EUROPEAN PROCEDURE (EPO Procedure) | 18-Oct-12 | 12790712.9 | 7-Sep-16 | 2768377 | INSTRUMENT REPROCESSOR AND INSTRUMENT REPROCESSING METHODS |
| ASP5099 | ASP5099EPEPT1 | EUROPEAN PROCEDURE (EPO Procedure) | 18-Oct-12 | 12788673.7 | 20-Jan-16 | 2768374 | INSTRUMENT REPROCESSOR AND INSTRUMENT REPROCESSING METHODS |
| ASP5099 | ASP5099EPEPTDI | EUROPEAN PROCEDURE (EPO Procedure) | 18-Oct-12 | 15193614.3 | | | INSTRUMENT REPROCESSOR AND INSTRUMENT REPROCESSING METHODS |
| ASP5099 | ASP5099ESEPT | SPAIN | 18-Oct-12 | 12790712.9 | 7-Sep-16 | 2768377 | INSTRUMENT REPROCESSOR AND INSTRUMENT REPROCESSING METHODS |

| Patent Family # | Internal reference | Country [W] | Filing date | Filing number | Grant Date | Grant number | Short Title |
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| ASP5099 | ASP5099ESEPT1 | SPAIN | 18-Oct-12 | 12788673.7 | 20-Jan-16 | 2768374 | INSTRUMENT REPROCESSOR AND INSTRUMENT REPROCESSING METHODS |
| ASP5099 | ASP5099FREPT | FRANCE | 18-Oct-12 | 12790712.9 | 7-Sep-16 | 2768377 | INSTRUMENT REPROCESSOR AND INSTRUMENT REPROCESSING METHODS |
| ASP5099 | ASP5099FREPT1 | FRANCE | 18-Oct-12 | 12788673.7 | 20-Jan-16 | 2768374 | INSTRUMENT REPROCESSOR AND INSTRUMENT REPROCESSING METHODS |
| ASP5099 | ASP5099GBEPT | UNITED KINGDOM (Great Britain) | 18-Oct-12 | 12790712.9 | 7-Sep-16 | 2768377 | INSTRUMENT REPROCESSOR AND INSTRUMENT REPROCESSING METHODS |
| ASP5099 | ASP5099GBEPT1 | UNITED KINGDOM (Great Britain) | 18-Oct-12 | 12788673.7 | 20-Jan-16 | 2768374 | INSTRUMENT REPROCESSOR AND INSTRUMENT REPROCESSING METHODS |
| ASP5099 | ASP5099IEEPT | IRELAND | 18-Oct-12 | 12790712.9 | 7-Sep-16 | 2768377 | INSTRUMENT REPROCESSOR AND INSTRUMENT REPROCESSING METHODS |
| ASP5099 | ASP5099IEEPT1 | IRELAND | 18-Oct-12 | 12788673.7 | 20-Jan-16 | 2768374 | INSTRUMENT REPROCESSOR AND INSTRUMENT REPROCESSING METHODS |
| ASP5099 | ASP5099INDPCT | INDIA | 18-Oct-12 | 2938/DELNP/2014 | | | INSTRUMENT REPROCESSOR AND INSTRUMENT REPROCESSING METHODS |
| ASP5099 | ASP5099INDPCT1 | INDIA | 18-Oct-12 | 2939/DELNP/2014 | | | INSTRUMENT REPROCESSOR AND INSTRUMENT REPROCESSING METHODS |
| ASP5099 | ASP5099ITEPT | ITALY | 18-Oct-12 | 12790712.9 | 7-Sep-16 | 502016000117846 | INSTRUMENT REPROCESSOR AND INSTRUMENT REPROCESSING METHODS |
| ASP5099 | ASP5099ITEPT1 | ITALY | 18-Oct-12 | 12788673.7 | 20-Jan-16 | 502016000031685 | INSTRUMENT REPROCESSOR AND INSTRUMENT REPROCESSING METHODS |
| ASP5099 | ASP5099JPPCT | JAPAN | 18-Oct-12 | 2014-537237 | 8-Sep-17 | 6203735 | INSTRUMENT REPROCESSOR AND INSTRUMENT REPROCESSING METHODS |
| ASP5099 | ASP5099JPPCT1 | JAPAN | 18-Oct-12 | 2014-537239 | 24-Feb-17 | 6095071 | INSTRUMENT REPROCESSOR AND INSTRUMENT REPROCESSING METHODS |
| ASP5099 | ASP5099KRPPCT | KOREA (SOUTH) | 18-Oct-12 | 10-2014-7013329 | | | INSTRUMENT REPROCESSOR AND INSTRUMENT REPROCESSING METHODS |
| ASP5099 | ASP5099KRPPCT1 | KOREA (SOUTH) | 18-Oct-12 | 10-2014-7013322 | | | INSTRUMENT REPROCESSOR AND INSTRUMENT REPROCESSING METHODS |
| ASP5099 | ASP5099MXPCDI | MEXICO | 18-Oct-12 | MX/A/2016014023 | | | INSTRUMENT REPROCESSOR AND INSTRUMENT REPROCESSING METHODS |
| ASP5099 | ASP5099MXPCT | MEXICO | 18-Oct-12 | MX/A/2014/004825 | 6-Apr-17 | 346996 | INSTRUMENT REPROCESSOR AND INSTRUMENT REPROCESSING METHODS |
| ASP5099 | ASP5099MXPCT1 | MEXICO | 18-Oct-12 | MX/A/2014/004826 | 29-Mar-17 | 346750 | INSTRUMENT REPROCESSOR AND INSTRUMENT REPROCESSING METHODS |
| ASP5099 | ASP5099NLEPT | NETHERLANDS | 18-Oct-12 | 12790712.9 | 7-Sep-16 | 2768377 | INSTRUMENT REPROCESSOR AND INSTRUMENT REPROCESSING METHODS |
| ASP5099 | ASP5099NLEPT1 | NETHERLANDS | 18-Oct-12 | 12788673.7 | 20-Jan-16 | 2768374 | INSTRUMENT REPROCESSOR AND INSTRUMENT REPROCESSING METHODS |
| ASP5099 | ASP5099PLEPT | POLAND | 18-Oct-12 | 12790712.9 | 7-Sep-16 | 2768377 | INSTRUMENT REPROCESSOR AND INSTRUMENT REPROCESSING METHODS |
| ASP5099 | ASP5099PLEPT1 | POLAND | 18-Oct-12 | 12788673.7 | 20-Jan-16 | 2768374 | INSTRUMENT REPROCESSOR AND INSTRUMENT REPROCESSING METHODS |
| ASP5099 | ASP5099RUPCT | RUSSIAN FEDERATION | 18-Oct-12 | 2014120414 | 11-Oct-17 | 2633070 | INSTRUMENT REPROCESSOR AND INSTRUMENT REPROCESSING METHODS |

| Patent Family # | Internal reference | Country [W] | Filing date | Filing number | Grant Date | Grant number | Short Title |
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| ASP5099 | ASP5099RUPCT1 | RUSSIAN FEDERATION | 18-Oct-12 | 2014120416 | 21-Jun-17 | 2623020 | INSTRUMENT REPROCESSOR AND INSTRUMENT REPROCESSING METHODS |
| ASP5099 | ASP5099TWNPI | TAIWAN | 19-Oct-12 | 101138553 | 11-Feb-17 | 1569895 | INSTRUMENT REPROCESSOR AND INSTRUMENT REPROCESSING METHODS |
| ASP5099 | ASP5099USNP | UNITED STATES OF AMERICA | 21-Oct-11 | 13/278874 | 30-Dec-14 | 8920574 | INSTRUMENT REPROCESSOR AND INSTRUMENT REPROCESSING METHODS |
| ASP5099 | ASP5099USPCT | UNITED STATES OF AMERICA | 18-Oct-12 | PCT/US2012/06080 | | | INSTRUMENT REPROCESSOR AND INSTRUMENT REPROCESSING METHODS |
| ASP5099 | ASP5099WOPCT | INTERNATIONAL PROCEDURE | 18-Oct-12 | PCT/US2012/06080 | | | INSTRUMENT REPROCESSOR AND INSTRUMENT REPROCESSING METHODS |
| ASP5099 | ASP5099WOPCT1 | INTERNATIONAL PROCEDURE | 18-Oct-12 | PCT/US2012/06080 | | | INSTRUMENT REPROCESSOR AND INSTRUMENT REPROCESSING METHODS |
| ASP5102 | ASP5102USDP | UNITED STATES OF AMERICA | 21-Oct-11 | 29/404548 | 21-Oct-14 | D715959 | INSTRUMENT REPROCESSOR |
| ASP5104 | ASP5104USDP | UNITED STATES OF AMERICA | 21-Oct-11 | 29/404551 | 6-Jan-15 | D720863 | BASIN FOR INSTRUMENT REPROCESSOR |
| ASP5105 | ASP5105USNP | UNITED STATES OF AMERICA | 27-Feb-13 | 13/778274 | 26-Sep-17 | 9772252 | LEAKAGE DETECTION IN A MEDICAL DEVICE |
| ASP5107 | ASP5107AUNP | AUSTRALIA | 21-Apr-17 | 2017202665 | | | APPARATUS AND METHOD FOR DETECTING MOISTURE IN A VACUUM CHAMBER |
| ASP5107 | ASP5107BRNP | BRAZIL | 25-Apr-17 | BR102017008539-2 | | | APPARATUS AND METHOD FOR DETECTING MOISTURE IN A VACUUM CHAMBER |
| ASP5107 | ASP5107CANP | CANADA | 12-Apr-17 | 2964211 | | | APPARATUS AND METHOD FOR DETECTING MOISTURE IN A VACUUM CHAMBER |
| ASP5107 | ASP5107CNNP | CHINA | 26-Apr-17 | 201710284792.3 | | | APPARATUS AND METHOD FOR DETECTING MOISTURE IN A VACUUM CHAMBER |
| ASP5107 | ASP5107EPEPA | EUROPEAN PROCEDURE (EPO Procedure) | 25-Apr-17 | 17168002.8 | | | APPARATUS AND METHOD FOR DETECTING MOISTURE IN A VACUUM CHAMBER |
| ASP5107 | ASP5107INNP | INDIA | 18-Apr-17 | 201714013679 | | | APPARATUS AND METHOD FOR DETECTING MOISTURE IN A VACUUM CHAMBER |
| ASP5107 | ASP5107JPNP | JAPAN | 25-Apr-17 | 2017-085908 | | | APPARATUS AND METHOD FOR DETECTING MOISTURE IN A VACUUM CHAMBER |
| ASP5107 | ASP5107KRNP | KOREA (SOUTH) | 20-Apr-17 | 10-2017-0050910 | | | APPARATUS AND METHOD FOR DETECTING MOISTURE IN A VACUUM CHAMBER |
| ASP5107 | ASP5107MXNP | MEXICO | 26-Apr-17 | MX/A/2017/005477 | | | APPARATUS AND METHOD FOR DETECTING MOISTURE IN A VACUUM CHAMBER |

| Patent Family # | Internal reference | Country [W] | Filing date | Filing number | Grant Date | Grant number | Short Title |
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| ASP5107 | ASP5107RUNP | RUSSIAN FEDERATION | 19-Apr-17 | 2017113485 | | | APPARATUS AND METHOD FOR DETECTING MOISTURE IN A VACUUM CHAMBER |
| ASP5107 | ASP5107TWNP | TAIWAN | 24-Apr-17 | 106113569 | | | APPARATUS AND METHOD FOR DETECTING MOISTURE IN A VACUUM CHAMBER |
| ASP5107 | ASP5107USNP | UNITED STATES OF AMERICA | 26-Apr-16 | 15/139032 | | | APPARATUS AND METHOD FOR DETECTING MOISTURE IN A VACUUM CHAMBER |
| ASP5108 | ASP5108AUNP | AUSTRALIA | 22-Feb-17 | 2017201194 | | | SELF-CONTAINED BIOLOGICAL INDICATOR |
| ASP5108 | ASP5108BRNP | BRAZIL | 23-Feb-17 | BR102017003826-2 | | | SELF-CONTAINED BIOLOGICAL INDICATOR |
| ASP5108 | ASP5108CANP | CANADA | 17-Feb-17 | 2958387 | | | SELF-CONTAINED BIOLOGICAL INDICATOR |
| ASP5108 | ASP5108CNNP | CHINA | 1-Mar-17 | 201710118914.1 | | | SELF-CONTAINED BIOLOGICAL INDICATOR |
| ASP5108 | ASP5108EPEPA | EUROPEAN PROCEDURE (EPO Procedure) | 1-Mar-17 | 17158744.7 | | | SELF-CONTAINED BIOLOGICAL INDICATOR |
| ASP5108 | ASP5108INNPNP | INDIA | 22-Feb-17 | 201714006352 | | | SELF-CONTAINED BIOLOGICAL INDICATOR |
| ASP5108 | ASP5108JPNP | JAPAN | 28-Feb-17 | 2017-035967 | | | SELF-CONTAINED BIOLOGICAL INDICATOR |
| ASP5108 | ASP5108KRNP | KOREA (SOUTH) | 27-Feb-17 | 10-2017-0025336 | | | SELF-CONTAINED BIOLOGICAL INDICATOR |
| ASP5108 | ASP5108MXNP | MEXICO | 28-Feb-17 | MX/A/2017/002664 | | | SELF-CONTAINED BIOLOGICAL INDICATOR |
| ASP5108 | ASP5108RUNP | RUSSIAN FEDERATION | 28-Feb-17 | 2017106341 | | | SELF-CONTAINED BIOLOGICAL INDICATOR |
| ASP5108 | ASP5108TWNP | TAIWAN | 23-Feb-17 | 106106039 | | | SELF-CONTAINED BIOLOGICAL INDICATOR |
| ASP5108 | ASP5108USNP | UNITED STATES OF AMERICA | 1-Mar-16 | 15/057768 | | | SELF-CONTAINED BIOLOGICAL INDICATOR |
| ASP5109 | ASP5109AUNP | AUSTRALIA | 2-Mar-17 | 2017201437 | | | SYSTEM AND METHOD FOR STERILIZING MEDICAL DEVICES |
| ASP5109 | ASP5109AUNP1 | AUSTRALIA | 2-Mar-17 | 2017201436 | | | APPARATUS AND METHOD FOR ANALYZING BIOLOGICAL INDICATORS |
| ASP5109 | ASP5109AUNP2 | AUSTRALIA | 2-Mar-17 | 2017201435 | | | APPARATUS AND METHOD TO LINK MEDICAL DEVICE STERILIZATION EQUIPMENT |
| ASP5109 | ASP5109BRNP | BRAZIL | 2-Mar-17 | BR102017004205-7 | | | SYSTEM AND METHOD FOR STERILIZING MEDICAL DEVICES |
| ASP5109 | ASP5109BRNP1 | BRAZIL | 2-Mar-17 | BR102017004234-0 | | | APPARATUS AND METHOD FOR ANALYZING BIOLOGICAL INDICATORS |

| Patent Family # | Internal reference | Country [W] | Filing date | Filing number | Grant Date | Grant number | Short Title |
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| ASP5109 | ASP5109BRNP2 | BRAZIL | 2-Mar-17 | BR102017004210-3 | | | APPARATUS AND METHOD TO LINK MEDICAL DEVICE STERILIZATION EQUIPMENT |
| ASP5109 | ASP5109CANP | CANADA | 1-Mar-17 | 2959644 | | | SYSTEM AND METHOD FOR STERILIZING MEDICAL DEVICES |
| ASP5109 | ASP5109CANP1 | CANADA | 1-Mar-17 | 2959648 | | | APPARATUS AND METHOD FOR ANALYZING BIOLOGICAL INDICATORS |
| ASP5109 | ASP5109CANP2 | CANADA | 1-Mar-17 | 2959645 | | | APPARATUS AND METHOD TO LINK MEDICAL DEVICE STERILIZATION EQUIPMENT |
| ASP5109 | ASP5109CINN | CHINA | 2-Mar-17 | 201710120892.2 | | | SYSTEM AND METHOD FOR STERILIZING MEDICAL DEVICES |
| ASP5109 | ASP5109CINN1 | CHINA | 2-Mar-17 | 201710120893.7 | | | APPARATUS AND METHOD FOR ANALYZING BIOLOGICAL INDICATORS |
| ASP5109 | ASP5109CINN2 | CHINA | 2-Mar-17 | 201710120894.1 | | | APPARATUS AND METHOD TO LINK MEDICAL DEVICE STERILIZATION EQUIPMENT |
| ASP5109 | ASP5109EPEPA | EUROPEAN PROCEDURE (EPO Procedure) | 2-Mar-17 | 17158962.5 | | | SYSTEM AND METHOD FOR STERILIZING MEDICAL DEVICES |
| ASP5109 | ASP5109EPEPA1 | EUROPEAN PROCEDURE (EPO Procedure) | 2-Mar-17 | 17158975.7 | | | APPARATUS AND METHOD FOR ANALYZING BIOLOGICAL INDICATORS |
| ASP5109 | ASP5109EPEPA2 | EUROPEAN PROCEDURE (EPO Procedure) | 2-Mar-17 | 17158813.0 | | | APPARATUS AND METHOD TO LINK MEDICAL DEVICE STERILIZATION EQUIPMENT |
| ASP5109 | ASP5109JNNP | INDIA | 1-Mar-17 | 201714007332 | | | SYSTEM AND METHOD FOR STERILIZING MEDICAL DEVICES |
| ASP5109 | ASP5109JNNP1 | INDIA | 1-Mar-17 | 201714007333 | | | APPARATUS AND METHOD FOR ANALYZING BIOLOGICAL INDICATORS |
| ASP5109 | ASP5109JNNP2 | INDIA | 1-Mar-17 | 201714007331 | | | APPARATUS AND METHOD TO LINK MEDICAL DEVICE STERILIZATION EQUIPMENT |
| ASP5109 | ASP5109JPNP | JAPAN | 1-Mar-17 | 2017-038014 | | | SYSTEM AND METHOD FOR STERILIZING MEDICAL DEVICES |
| ASP5109 | ASP5109JPNP1 | JAPAN | 1-Mar-17 | 2017-038026 | | | APPARATUS AND METHOD FOR ANALYZING BIOLOGICAL INDICATORS |
| ASP5109 | ASP5109JPNP2 | JAPAN | 1-Mar-17 | 2017-038032 | | | APPARATUS AND METHOD TO LINK MEDICAL DEVICE STERILIZATION EQUIPMENT |
| ASP5109 | ASP5109KRNP | KOREA (SOUTH) | 2-Mar-17 | 10-2017-0027383 | | | APPARATUS AND METHOD FOR ANALYZING BIOLOGICAL INDICATORS |
| ASP5109 | ASP5109KRNP1 | KOREA (SOUTH) | 2-Mar-17 | 10-2017-0027379 | | | APPARATUS AND METHOD FOR ANALYZING BIOLOGICAL INDICATORS |
| ASP5109 | ASP5109KRNP2 | KOREA (SOUTH) | 2-Mar-17 | 10-2017-0027384 | | | APPARATUS AND METHOD FOR ANALYZING BIOLOGICAL INDICATORS |

| Patent Family # | Internal reference | Country [W] | Filing date | Filing number | Grant Date | Grant number | Short Title |
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| ASP5109 | ASP5109MXXNP | MEXICO | 2-Mar-17 | MX/A/2017/002809 | | | SYSTEM AND METHOD FOR STERILIZING MEDICAL DEVICES |
| ASP5109 | ASP5109MXXNP1 | MEXICO | 2-Mar-17 | MX/A/2017/002810 | | | APPARATUS AND METHOD FOR ANALYZING BIOLOGICAL INDICATORS |
| ASP5109 | ASP5109MXXNP2 | MEXICO | 2-Mar-17 | MX/A/2017/002811 | | | APPARATUS AND METHOD TO LINK MEDICAL DEVICE STERILIZATION EQUIPMENT |
| ASP5109 | ASP5109RUNP | RUSSIAN FEDERATION | 1-Mar-17 | 2017106747 | | | SYSTEM AND METHOD FOR STERILIZING MEDICAL DEVICES |
| ASP5109 | ASP5109RUNP1 | RUSSIAN FEDERATION | 1-Mar-17 | 2017106748 | | | APPARATUS AND METHOD FOR ANALYZING BIOLOGICAL INDICATORS |
| ASP5109 | ASP5109RUNP2 | RUSSIAN FEDERATION | 1-Mar-17 | 2017106749 | | | APPARATUS AND METHOD TO LINK MEDICAL DEVICE STERILIZATION EQUIPMENT |
| ASP5109 | ASP5109TWNP | TAIWAN | 2-Mar-17 | 106106875 | | | APPARATUS AND METHOD TO LINK MEDICAL DEVICE STERILIZATION EQUIPMENT |
| ASP5109 | ASP5109TWNP1 | TAIWAN | 2-Mar-17 | 106106873 | | | APPARATUS AND METHOD TO LINK MEDICAL DEVICE STERILIZATION EQUIPMENT |
| ASP5109 | ASP5109TWNP2 | TAIWAN | 2-Mar-17 | 106106872 | | | APPARATUS AND METHOD TO LINK MEDICAL DEVICE STERILIZATION EQUIPMENT |
| ASP5109 | ASP5109USNP | UNITED STATES OF AMERICA | 24-Feb-17 | 15/441707 | | | APPARATUS AND METHOD FOR STERILIZING MEDICAL DEVICES |
| ASP5109 | ASP5109USNP1 | UNITED STATES OF AMERICA | 24-Feb-17 | 15/441734 | | | APPARATUS AND METHOD FOR ANALYZING BIOLOGICAL INDICATORS |
| ASP5109 | ASP5109USNP2 | UNITED STATES OF AMERICA | 24-Feb-17 | 15/441749 | | | APPARATUS AND METHOD TO LINK MEDICAL DEVICE STERILIZATION EQUIPMENT |
| ASP5109 | ASP5109USNP3 | UNITED STATES OF AMERICA | 24-Feb-17 | 15/441786 | | | METHOD OF STERILIZING MEDICAL DEVICES, ANALYZING BIOLOGICAL INDICATORS, AND LINKING MEDICAL DEVICE STERILIZATION EQUIPMENT |
| ASP5109 | ASP5109USPSP | UNITED STATES OF AMERICA | 2-Mar-16 | 62/302257 | | | SYSTEM AND METHOD FOR STERILIZING MEDICAL DEVICES |
| ASP5109 | ASP5109USPSP1 | UNITED STATES OF AMERICA | 1-Apr-16 | 62/316722 | | | SYSTEM AND METHOD FOR STERILIZING MEDICAL DEVICES |
| ASP5109 | ASP5109USPSP2 | UNITED STATES OF AMERICA | 18-Aug-16 | 62/376517 | | | SYSTEM AND METHOD FOR STERILIZING MEDICAL DEVICES |
| ASP5110 | ASP5110AUNP | AUSTRALIA | 5-May-17 | 2017203006 | | | Apparatus and Method for Reprocessing a Medical Device |
| ASP5110 | ASP5110BRNP | BRAZIL | 17-May-17 | 102017010335-8 | | | Apparatus and Method for Reprocessing a Medical Device |
| ASP5110 | ASP5110CANP | CANADA | 9-May-17 | 2966691 | | | Apparatus and Method for Reprocessing a Medical Device |

| Patent Family # | Internal reference | Country [W] | Filing date | Filing number | Grant Date | Grant number | Short Title |
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| ASP5110 | ASP5110CJNPN | CHINA | 18-May-17 | 201710359782.1 | | | Apparatus and Method for Reprocessing a Medical Device |
| ASP5110 | ASP5110EPEPA | EUROPEAN PROCEDURE (EPO Procedure) | 17-May-17 | 17171448.8 | | | Apparatus and Method for Reprocessing a Medical Device |
| ASP5110 | ASP5110JNPN | INDIA | 5-May-17 | 201714016013 | | | Apparatus and Method for Reprocessing a Medical Device |
| ASP5110 | ASP5110JPNP | JAPAN | 17-May-17 | 2017-097965 | | | Apparatus and Method for Reprocessing a Medical Device |
| ASP5110 | ASP5110KRNP | KOREA (SOUTH) | 17-May-17 | 10-2017-0060904 | | | Apparatus and Method for Reprocessing a Medical Device |
| ASP5110 | ASP5110MXNP | MEXICO | 18-May-17 | MX/A/2017/006556 | | | Apparatus and Method for Reprocessing a Medical Device |
| ASP5110 | ASP5110RUNP | RUSSIAN FEDERATION | 17-May-17 | 20171117171 | | | Apparatus and Method for Reprocessing a Medical Device |
| ASP5110 | ASP5110TWNP | TAIWAN | 16-May-17 | 106116052 | | | Apparatus and Method for Reprocessing a Medical Device |
| ASP5111 | ASP5111AUNP | AUSTRALIA | 5-May-17 | 2017203003 | | | Apparatus and Method to Identify Endoscope Type and Provide Tailored Reprocessing |
| ASP5111 | ASP5111BRNP | BRAZIL | 16-May-17 | 102017010269-6 | | | Apparatus and Method to Identify Endoscope Type and Provide Tailored Reprocessing |
| ASP5111 | ASP5111CNPN | CHINA | 18-May-17 | 201710355016.8 | | | Apparatus and Method to Identify Endoscope Type and Provide Tailored Reprocessing |
| ASP5111 | ASP5111EPEPA | EUROPEAN PROCEDURE (EPO Procedure) | 17-May-17 | 17171452.0 | | | Apparatus and Method to Identify Endoscope Type and Provide Tailored Reprocessing |
| ASP5111 | ASP5111INNP | INDIA | 28-Apr-17 | 201714015058 | | | Apparatus and Method to Identify Endoscope Type and Provide Tailored Reprocessing |
| ASP5111 | ASP5111JPNP | JAPAN | 17-May-17 | 2017-097970 | | | Apparatus and Method to Identify Endoscope Type and Provide Tailored Reprocessing |
| ASP5111 | ASP5111KRNP | KOREA (SOUTH) | 17-May-17 | 10-2017-0060898 | | | Apparatus and Method to Identify Endoscope Type and Provide Tailored Reprocessing |
| ASP5111 | ASP5111MXNP | MEXICO | 18-May-17 | MX/A/2017/006555 | | | Apparatus and Method to Identify Endoscope Type and Provide Tailored Reprocessing |
| ASP5111 | ASP5111RUNP | RUSSIAN FEDERATION | 17-May-17 | 20171117153 | | | Apparatus and Method to Identify Endoscope Type and Provide Tailored Reprocessing |
| ASP5111 | ASP5111TWNP | TAIWAN | 16-May-17 | 106116053 | | | Apparatus and Method to Identify Endoscope Type and Provide Tailored Reprocessing |
| ASP5111 | ASP5111USNP | UNITED STATES OF AMERICA | 18-May-16 | 15/157650 | | | Apparatus and Method to Identify Endoscope Type and Provide Tailored Reprocessing |
| ASP5112 | ASP5112AUNP | AUSTRALIA | 5-May-17 | 2017203000 | | | Apparatus and Method to Measure Concentration of Disinfectant in Medical Device Reprocessing System |
| ASP5112 | ASP5112BRNP | BRAZIL | 17-May-17 | 102017010312-9 | | | Apparatus and Method to Measure Concentration of Disinfectant in Medical Device Reprocessing System |

| Patent Family # | Internal reference | Country [W] | Filing date | Filing number | Grant Date | Grant number | Short Title |
|-----------------|--------------------|------------------------------------|-------------|------------------|------------|--------------|---|
| ASP5112 | ASP5112CANP | CANADA | 9-May-17 | 2966690 | | | Apparatus and Method to Measure Concentration of Disinfectant in Medical Device Reprocessing System |
| ASP5112 | ASP5112CNNP | CHINA | 17-May-17 | 201710347420.0 | | | Apparatus and Method to Measure Concentration of Disinfectant in Medical Device Reprocessing System |
| ASP5112 | ASP5112EPEPA | EUROPEAN PROCEDURE (EPO Procedure) | 17-May-17 | 17171501.4 | | | Apparatus and Method to Measure Concentration of Disinfectant in Medical Device Reprocessing System |
| ASP5112 | ASP5112INNP | INDIA | 3-May-17 | 201714015677 | | | Apparatus and Method to Measure Concentration of Disinfectant in Medical Device Reprocessing System |
| ASP5112 | ASP5112JPNP | JAPAN | 17-May-17 | 2017-097979 | | | Apparatus and Method to Measure Concentration of Disinfectant in Medical Device Reprocessing System |
| ASP5112 | ASP5112KRNP | KOREA (SOUTH) | 17-May-17 | 10-2017-0061003 | | | Apparatus and Method to Measure Concentration of Disinfectant in Medical Device Reprocessing System |
| ASP5112 | ASP5112MXNP | MEXICO | 18-May-17 | MX/A/2017/006557 | | | Apparatus and Method to Measure Concentration of Disinfectant in Medical Device Reprocessing System |
| ASP5112 | ASP5112RUNP | RUSSIAN FEDERATION | 16-May-17 | 2017116984 | | | Apparatus and Method to Measure Concentration of Disinfectant in Medical Device Reprocessing System |
| ASP5112 | ASP5112TWNP | TAIWAN | 16-May-17 | 106116051 | | | Apparatus and Method to Measure Concentration of Disinfectant in Medical Device Reprocessing System |
| ASP5112 | ASP5112USNP | UNITED STATES OF AMERICA | 18-May-16 | 15/157952 | | | Apparatus and Method to Measure Concentration of Disinfectant in Medical Device Reprocessing System |
| ASP5113 | ASP5113AUNP | AUSTRALIA | 28-Jun-17 | 2017204384 | | | APPARATUS AND METHOD FOR STERILIZING ENDOSCOPE |
| ASP5113 | ASP5113BRNP | BRAZIL | 28-Jun-17 | 102017014044-0 | | | APPARATUS AND METHOD FOR STERILIZING ENDOSCOPE |
| ASP5113 | ASP5113CANP | CANADA | 27-Jun-17 | 2971976 | | | APPARATUS AND METHOD FOR STERILIZING ENDOSCOPE |
| ASP5113 | ASP5113CNNP | CHINA | 30-Jun-17 | 201710526246.6 | | | APPARATUS AND METHOD FOR STERILIZING ENDOSCOPE |
| ASP5113 | ASP5113EPEPA | EUROPEAN PROCEDURE (EPO Procedure) | 29-Jun-17 | 17178746.8 | | | APPARATUS AND METHOD FOR STERILIZING ENDOSCOPE |
| ASP5113 | ASP5113ILNP | ISRAEL | 22-Jun-17 | 253127 | | | APPARATUS AND METHOD FOR STERILIZING ENDOSCOPE |
| ASP5113 | ASP5113INNP | INDIA | 24-Jun-17 | 201714022229 | | | APPARATUS AND METHOD FOR STERILIZING ENDOSCOPE |
| ASP5113 | ASP5113JPNP | JAPAN | 29-Jun-17 | 2017-127176 | | | APPARATUS AND METHOD FOR STERILIZING ENDOSCOPE |

| Patent Family # | Internal reference | Country [W] | Filing date | Filing number | Grant Date | Grant number | Short Title |
|-----------------|--------------------|------------------------------------|-------------|------------------|------------|--------------|--|
| ASP5113 | ASP5113KRNP | KOREA (SOUTH) | 30-Jun-17 | 10-2017-0083397 | | | APPARATUS AND METHOD FOR STERILIZING ENDOSCOPE |
| ASP5113 | ASP5113MXXNP | MEXICO | 29-Jun-17 | MX/A/2017/008719 | | | APPARATUS AND METHOD FOR STERILIZING ENDOSCOPE |
| ASP5113 | ASP5113RUNP | RUSSIAN FEDERATION | 23-Jun-17 | 2017122155 | | | APPARATUS AND METHOD FOR STERILIZING ENDOSCOPE |
| ASP5113 | ASP5113TWNP | TAIWAN | 28-Jun-17 | 106121520 | | | APPARATUS AND METHOD FOR STERILIZING ENDOSCOPE |
| ASP5113 | ASP5113USNP | UNITED STATES OF AMERICA | 30-Jun-16 | 15/198670 | | | APPARATUS AND METHOD FOR STERILIZING ENDOSCOPE |
| ASP5114 | ASP5114AUNP | AUSTRALIA | 5-May-17 | 2017203004 | | | Apparatus and Method for Detecting Moisture in a Vacuum Chamber |
| ASP5114 | ASP5114BRNP | BRAZIL | 10-May-17 | BR102017009796-0 | | | Apparatus and Method for Detecting Moisture in a Vacuum Chamber |
| ASP5114 | ASP5114CANP | CANADA | 3-May-17 | 2966081 | | | Apparatus and Method for Detecting Moisture in a Vacuum Chamber |
| ASP5114 | ASP5114CNNP | CHINA | 11-May-17 | 201710332848.8 | | | Apparatus and Method for Detecting Moisture in a Vacuum Chamber |
| ASP5114 | ASP5114EPPA | EUROPEAN PROCEDURE (EPO Procedure) | 10-May-17 | 17170503.1 | | | Apparatus and Method for Detecting Moisture in a Vacuum Chamber |
| ASP5114 | ASP5114INNP | INDIA | 3-May-17 | 201714015676 | | | Apparatus and Method for Detecting Moisture in a Vacuum Chamber |
| ASP5114 | ASP5114JPNP | JAPAN | 10-May-17 | 2017-093690 | | | Apparatus and Method for Detecting Moisture in a Vacuum Chamber |
| ASP5114 | ASP5114KRNP | KOREA (SOUTH) | 8-May-17 | 10-2017-0057231 | | | Apparatus and Method for Detecting Moisture in a Vacuum Chamber |
| ASP5114 | ASP5114MXXNP | MEXICO | 9-May-17 | MX/A/2017/006074 | | | Apparatus and Method for Detecting Moisture in a Vacuum Chamber |
| ASP5114 | ASP5114RUNP | RUSSIAN FEDERATION | 10-May-17 | 20171116166 | | | Apparatus and Method for Detecting Moisture in a Vacuum Chamber |
| ASP5114 | ASP5114TWNP | TAIWAN | 9-May-17 | 106115234 | | | Apparatus and Method for Detecting Moisture in a Vacuum Chamber |
| ASP5114 | ASP5114USCNT1 | UNITED STATES OF AMERICA | 7-Mar-18 | 15/914793 | | | Apparatus and Method for Detecting Moisture in a Vacuum Chamber |
| ASP5114 | ASP5114USNP | UNITED STATES OF AMERICA | 11-May-16 | 15/151774 | 3-Apr-18 | 9931427 | Apparatus and Method for Detecting Moisture in a Vacuum Chamber |
| ASP5116 | ASP5116AUNP | AUSTRALIA | 17-Jul-17 | 2017204913 | | | Mechanism and Method of Cross-Contamination Prevention in AER (Automated Endoscopic Reprocessor) |
| ASP5116 | ASP5116BRNP | BRAZIL | 31-Jul-17 | 102017016389-0 | | | Mechanism and Method of Cross-Contamination Prevention in AER (Automated Endoscopic Reprocessor) |
| ASP5116 | ASP5116CANP | CANADA | 24-Jul-17 | 2974421 | | | Mechanism and Method of Cross-Contamination Prevention in AER (Automated Endoscopic Reprocessor) |

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|-----------------|--------------------|------------------------------------|-------------|------------------|------------|--------------|--|
| ASP5116 | ASP5116CJNPP | CHINA | 8-Aug-17 | 201710669641.X | | | Mechanism and Method of Cross-Contamination Prevention in AER (Automated Endoscopic Reprocessor) |
| ASP5116 | ASP5116EPEPA | EUROPEAN PROCEDURE (EPO Procedure) | 7-Aug-17 | 17185157.9 | | | Mechanism and Method of Cross-Contamination Prevention in AER (Automated Endoscopic Reprocessor) |
| ASP5116 | ASP5116ILNPP | ISRAEL | 10-Jul-17 | 253396 | | | Mechanism and Method of Cross-Contamination Prevention in AER (Automated Endoscopic Reprocessor) |
| ASP5116 | ASP5116JNPP | INDIA | 20-Jul-17 | 201714025749 | | | Mechanism and Method of Cross-Contamination Prevention in AER (Automated Endoscopic Reprocessor) |
| ASP5116 | ASP5116JPNP | JAPAN | 7-Aug-17 | 2017-152256 | | | Mechanism and Method of Cross-Contamination Prevention in AER (Automated Endoscopic Reprocessor) |
| ASP5116 | ASP5116KRRNP | KOREA (SOUTH) | 2-Aug-17 | 2017-0098028 | | | Mechanism and Method of Cross-Contamination Prevention in AER (Automated Endoscopic Reprocessor) |
| ASP5116 | ASP5116MXNP | MEXICO | 7-Aug-17 | MX/A/2017/010197 | | | Mechanism and Method of Cross-Contamination Prevention in AER (Automated Endoscopic Reprocessor) |
| ASP5116 | ASP5116RUNP | RUSSIAN FEDERATION | 1-Aug-17 | 2017127462 | | | Mechanism and Method of Cross-Contamination Prevention in AER (Automated Endoscopic Reprocessor) |
| ASP5116 | ASP5116TWNP | TAIWAN | 4-Aug-17 | 106126327 | | | Mechanism and Method of Cross-Contamination Prevention in AER (Automated Endoscopic Reprocessor) |
| ASP5116 | ASP5116USNP | UNITED STATES OF AMERICA | 8-Aug-16 | 15/230661 | | | Mechanism and Method of Cross-Contamination Prevention in AER (Automated Endoscopic Reprocessor) |
| ASP5117 | ASP5117AUNP | AUSTRALIA | 6-Oct-17 | 2017239616 | | | DYNAMIC DISINFECTANT DOSAGE WITH CONCENTRATE DEGRADATION COMPENSATION |
| ASP5117 | ASP5117BRNP | BRAZIL | 20-Oct-17 | BR102017022579-8 | | | DYNAMIC DISINFECTANT DOSAGE WITH CONCENTRATE DEGRADATION COMPENSATION |
| ASP5117 | ASP5117CANP | CANADA | 11-Oct-17 | 2982089 | | | DYNAMIC DISINFECTANT DOSAGE WITH CONCENTRATE DEGRADATION COMPENSATION |
| ASP5117 | ASP5117CJNPP | CHINA | 20-Oct-17 | 201710989706.9 | | | DYNAMIC DISINFECTANT DOSAGE WITH CONCENTRATE DEGRADATION COMPENSATION |
| ASP5117 | ASP5117EPEPA | EUROPEAN PROCEDURE (EPO Procedure) | 20-Oct-17 | 17197618.6 | | | DYNAMIC DISINFECTANT DOSAGE WITH CONCENTRATE DEGRADATION COMPENSATION |

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|-----------------|--------------------|------------------------------------|-------------|------------------|------------|--------------|--|
| ASP5117 | ASP5117ILNP | ISRAEL | 1-Oct-17 | 254819 | | | DYNAMIC DISINFECTANT DOSAGE WITH CONCENTRATE DEGRADATION COMPENSATION |
| ASP5117 | ASP5117JNNP | INDIA | 7-Oct-17 | 201714035637 | | | DYNAMIC DISINFECTANT DOSAGE WITH CONCENTRATE DEGRADATION COMPENSATION |
| ASP5117 | ASP5117JPNP | JAPAN | 20-Oct-17 | 2017-203395 | | | DYNAMIC DISINFECTANT DOSAGE WITH CONCENTRATE DEGRADATION COMPENSATION |
| ASP5117 | ASP5117KRNP | KOREA (SOUTH) | 20-Oct-17 | 10-2017-0136459 | | | DYNAMIC DISINFECTANT DOSAGE WITH CONCENTRATE DEGRADATION COMPENSATION |
| ASP5117 | ASP5117MXNP | MEXICO | 20-Oct-17 | MX/A/17/013527 | | | DYNAMIC DISINFECTANT DOSAGE WITH CONCENTRATE DEGRADATION COMPENSATION |
| ASP5117 | ASP5117RUNP | RUSSIAN FEDERATION | 4-Oct-17 | 2017134757 | | | DYNAMIC DISINFECTANT DOSAGE WITH CONCENTRATE DEGRADATION COMPENSATION |
| ASP5117 | ASP5117TWNP | TAIWAN | 19-Oct-17 | 106135846 | | | DYNAMIC DISINFECTANT DOSAGE WITH CONCENTRATE DEGRADATION COMPENSATION |
| ASP5117 | ASP5117USNP | UNITED STATES OF AMERICA | 21-Oct-16 | 15/331133 | | | DYNAMIC DISINFECTANT DOSAGE WITH CONCENTRATE DEGRADATION COMPENSATION |
| ASP5118 | ASP5118AUNP | AUSTRALIA | 12-Sep-17 | 2017228535 | | | Resistance Configurable BI with Matching Integrated ID Recognizable by STERRAD |
| ASP5118 | ASP5118BRNP | BRAZIL | 13-Sep-17 | BR102017019512-0 | | | Resistance Configurable BI with Matching Integrated ID Recognizable by STERRAD |
| ASP5118 | ASP5118CANP | CANADA | 14-Sep-17 | 2979244 | | | Resistance Configurable BI with Matching Integrated ID Recognizable by STERRAD |
| ASP5118 | ASP5118CNP | CHINA | 15-Sep-17 | 201710839778.5 | | | Resistance Configurable BI with Matching Integrated ID Recognizable by STERRAD |
| ASP5118 | ASP5118EPEPA | EUROPEAN PROCEDURE (EPO Procedure) | 14-Sep-17 | 17191203.3 | | | Resistance Configurable BI with Matching Integrated ID Recognizable by STERRAD |
| ASP5118 | ASP5118ILNP | ISRAEL | 7-Sep-17 | 254436 | | | Resistance Configurable BI with Matching Integrated ID Recognizable by STERRAD |
| ASP5118 | ASP5118INNP | INDIA | 6-Sep-17 | 201714031599 | | | Resistance Configurable BI with Matching Integrated ID Recognizable by STERRAD |
| ASP5118 | ASP5118JPNP | JAPAN | 14-Sep-17 | 2017-176445 | | | Resistance Configurable BI with Matching Integrated ID Recognizable by STERRAD |
| ASP5118 | ASP5118KRNP | KOREA (SOUTH) | 14-Sep-17 | 10-2017-0117980 | | | Resistance Configurable BI with Matching Integrated ID Recognizable by STERRAD |
| ASP5118 | ASP5118MXNP | MEXICO | 15-Sep-17 | MX/A/17/011931 | | | Resistance Configurable BI with Matching Integrated ID Recognizable by STERRAD |
| ASP5118 | ASP5118RUNP | RUSSIAN FEDERATION | 14-Sep-17 | 2017132162 | | | Resistance Configurable BI with Matching Integrated ID Recognizable by STERRAD |

| Patent Family # | Internal reference | Country [W] | Filing date | Filing number | Grant Date | Grant number | Short Title |
|-----------------|--------------------|------------------------------------|-------------|------------------|------------|--------------|--|
| ASP5118 | ASP5118TWNP | TAIWAN | 13-Sep-17 | 106131342 | | | Resistance Configurable BI with Matching Integrated ID Recognizable by STERRAD |
| ASP5118 | ASP5118USNP | UNITED STATES OF AMERICA | 15-Sep-16 | 15/265910 | | | Resistance Configurable BI with Matching Integrated ID Recognizable by STERRAD |
| ASP5119 | ASP5119AUNP | AUSTRALIA | 10-Nov-17 | 2017258921 | | | STERILIZATION SYSTEM WITH INDEPENDENT VACUUM CHAMBERS |
| ASP5119 | ASP5119BRNP | BRAZIL | 27-Nov-17 | 102017025406-2 | | | STERILIZATION SYSTEM WITH INDEPENDENT VACUUM CHAMBERS |
| ASP5119 | ASP5119CNNP | CHINA | 29-Nov-17 | 201711222101.3 | | | STERILIZATION SYSTEM WITH INDEPENDENT VACUUM CHAMBERS |
| ASP5119 | ASP5119EPPEA | EUROPEAN PROCEDURE (EPO Procedure) | 28-Nov-17 | 17204136.0 | | | STERILIZATION SYSTEM WITH INDEPENDENT VACUUM CHAMBERS |
| ASP5119 | ASP5119ILNP | ISRAEL | 7-Nov-17 | 255504 | | | STERILIZATION SYSTEM WITH INDEPENDENT VACUUM CHAMBERS |
| ASP5119 | ASP5119JNNP | INDIA | 7-Nov-17 | 201714039687 | | | STERILIZATION SYSTEM WITH INDEPENDENT VACUUM CHAMBERS |
| ASP5119 | ASP5119JPNP | JAPAN | 28-Nov-17 | 2017-227487 | | | STERILIZATION SYSTEM WITH INDEPENDENT VACUUM CHAMBERS |
| ASP5119 | ASP5119KRNP | KOREA (SOUTH) | 23-Nov-17 | 10-2017-0157334 | | | STERILIZATION SYSTEM WITH INDEPENDENT VACUUM CHAMBERS |
| ASP5119 | ASP5119MXNP | MEXICO | 28-Nov-17 | MX/A/2017/015301 | | | STERILIZATION SYSTEM WITH INDEPENDENT VACUUM CHAMBERS |
| ASP5119 | ASP5119RUNP | RUSSIAN FEDERATION | 27-Nov-17 | 2017141078 | | | STERILIZATION SYSTEM WITH INDEPENDENT VACUUM CHAMBERS |
| ASP5119 | ASP5119TWNP | TAIWAN | 27-Nov-17 | 106139841 | | | STERILIZATION SYSTEM WITH INDEPENDENT VACUUM CHAMBERS |
| ASP5119 | ASP5119USNP | UNITED STATES OF AMERICA | 9-Jun-17 | 15/618295 | | | STERILIZATION SYSTEM WITH INDEPENDENT VACUUM CHAMBERS |
| ASP5119 | ASP5119USPSP | UNITED STATES OF AMERICA | 29-Nov-16 | 62/427255 | | | STERILIZATION SYSTEM WITH INDEPENDENT VACUUM CHAMBERS |
| ASP5122 | ASP5122USNP | UNITED STATES OF AMERICA | 7-Dec-17 | 15/834233 | | | Apparatus to Assure Dry Booster Attachment to Test Lumen |
| ASP5123 | ASP5123AUNP | AUSTRALIA | 17-Jan-18 | 2018200400 | | | APPARATUS AND METHOD FOR DETECTING MOISTURE IN A VACUUM CHAMBER |
| ASP5123 | ASP5123BRNP | BRAZIL | 26-Jan-18 | BR102018001672-5 | | | APPARATUS AND METHOD FOR DETECTING MOISTURE IN A VACUUM CHAMBER |
| ASP5123 | ASP5123CANP | CANADA | 1-Feb-18 | 2993701 | | | APPARATUS AND METHOD FOR DETECTING MOISTURE IN A VACUUM CHAMBER |
| ASP5123 | ASP5123CNNP | CHINA | 2-Feb-18 | 201810106585.3 | | | APPARATUS AND METHOD FOR DETECTING MOISTURE IN A VACUUM CHAMBER |

| Patent Family # | Internal reference | Country [W] | Filing date | Filing number | Grant Date | Grant number | Short Title |
|-----------------|--------------------|------------------------------------|-------------|------------------|------------|--------------|---|
| ASP5123 | ASP5123EPPEA | EUROPEAN PROCEDURE (EPO Procedure) | 1-Feb-18 | 18154759.7 | | | APPARATUS AND METHOD FOR DETECTING MOISTURE IN A VACUUM CHAMBER |
| ASP5123 | ASP5123ILNP | ISRAEL | 16-Jan-18 | 256953 | | | APPARATUS AND METHOD FOR DETECTING MOISTURE IN A VACUUM CHAMBER |
| ASP5123 | ASP5123INNP | INDIA | 18-Jan-18 | 201814002029 | | | APPARATUS AND METHOD FOR DETECTING MOISTURE IN A VACUUM CHAMBER |
| ASP5123 | ASP5123JPNP | JAPAN | 1-Feb-18 | 2018-016190 | | | APPARATUS AND METHOD FOR DETECTING MOISTURE IN A VACUUM CHAMBER |
| ASP5123 | ASP5123KRNP | KOREA (SOUTH) | 30-Jan-18 | 10-2018-0011201 | | | APPARATUS AND METHOD FOR DETECTING MOISTURE IN A VACUUM CHAMBER |
| ASP5123 | ASP5123MXNP | MEXICO | 2-Feb-18 | MX/A/2018/001521 | | | APPARATUS AND METHOD FOR DETECTING MOISTURE IN A VACUUM CHAMBER |
| ASP5123 | ASP5123RUNP | RUSSIAN FEDERATION | 29-Jan-18 | 2018103218 | | | APPARATUS AND METHOD FOR DETECTING MOISTURE IN A VACUUM CHAMBER |
| ASP5123 | ASP5123TWNP | TAIWAN | 31-Jan-18 | 107103366 | | | APPARATUS AND METHOD FOR DETECTING MOISTURE IN A VACUUM CHAMBER |
| ASP5123 | ASP5123USNP | UNITED STATES OF AMERICA | 2-Feb-17 | 15/423387 | | | APPARATUS AND METHOD FOR DETECTING MOISTURE IN A VACUUM CHAMBER |
| ASP5124 | ASP5124AUNP | AUSTRALIA | 28-Jul-17 | 2017208345 | | | Method for Withdrawing Reagent in Sealed Bottle |
| ASP5124 | ASP5124BRNP | BRAZIL | 29-Aug-17 | 102017018470-6 | | | Method for Withdrawing Reagent in Sealed Bottle |
| ASP5124 | ASP5124CANP | CANADA | 16-Aug-17 | 2976685 | | | Method for Withdrawing Reagent in Sealed Bottle |
| ASP5124 | ASP5124CNNP | CHINA | 31-Aug-17 | 201710769494.3 | | | Method for Withdrawing Reagent in Sealed Bottle |
| ASP5124 | ASP5124EPPEA | EUROPEAN PROCEDURE (EPO Procedure) | 30-Aug-17 | 17188609.6 | | | Method for Withdrawing Reagent in Sealed Bottle |
| ASP5124 | ASP5124ILNP | ISRAEL | 2-Aug-17 | 253792 | | | Method for Withdrawing Reagent in Sealed Bottle |
| ASP5124 | ASP5124INNP | INDIA | 4-Aug-17 | 201714027750 | | | MULTI-PORT CAP FOR REAGENT CONTAINER |
| ASP5124 | ASP5124JPNP | JAPAN | 30-Aug-17 | 2017-165497 | | | Method for Withdrawing Reagent in Sealed Bottle |
| ASP5124 | ASP5124KRNP | KOREA (SOUTH) | 25-Aug-17 | 2017-0107736 | | | Method for Withdrawing Reagent in Sealed Bottle |

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|-----------------|--------------------|------------------------------------|-------------|------------------|------------|--------------|---|
| ASP5124 | ASP5124MXXNP | MEXICO | 30-Aug-17 | MX/A/2017/011110 | | | Method for Withdrawing Reagent in Sealed Bottle |
| ASP5124 | ASP5124RUNP | RUSSIAN FEDERATION | 30-Aug-17 | 2017130668 | | | Method for Withdrawing Reagent in Sealed Bottle |
| ASP5124 | ASP5124TWNP | TAIWAN | 29-Aug-17 | 106129269 | | | MULTI-PORT CAP FOR REAGENT CONTAINER |
| ASP5124 | ASP5124USNP | UNITED STATES OF AMERICA | 31-Aug-16 | 15/252550 | | | MULTI-PORT CAP FOR REAGENT CONTAINER |
| ASP5125 | ASP5125AUNP | AUSTRALIA | 13-Feb-18 | 2018201059 | | | APPARATUS AND METHOD TO READ BIOLOGICAL INDICATOR |
| ASP5125 | ASP5125BRNP | BRAZIL | 22-Feb-18 | BR102018003436-7 | | | APPARATUS AND METHOD TO READ BIOLOGICAL INDICATOR |
| ASP5125 | ASP5125CANP | CANADA | 15-Feb-18 | 2995298 | | | APPARATUS AND METHOD TO READ BIOLOGICAL INDICATOR |
| ASP5125 | ASP5125CNPNP | CHINA | 23-Feb-18 | 201810156160.3 | | | APPARATUS AND METHOD TO READ BIOLOGICAL INDICATOR |
| ASP5125 | ASP5125EPEPA | EUROPEAN PROCEDURE (EPO Procedure) | 22-Feb-18 | 18158071.3 | | | APPARATUS AND METHOD TO READ BIOLOGICAL INDICATOR |
| ASP5125 | ASP5125ILNP | ISRAEL | 12-Feb-18 | 257483 | | | APPARATUS AND METHOD TO READ BIOLOGICAL INDICATOR |
| ASP5125 | ASP5125INNP | INDIA | 14-Feb-18 | 201814005617 | | | APPARATUS AND METHOD TO READ BIOLOGICAL INDICATOR |
| ASP5125 | ASP5125KRNP | KOREA (SOUTH) | 22-Feb-18 | 10-2018-0020943 | | | APPARATUS AND METHOD TO READ BIOLOGICAL INDICATOR |
| ASP5125 | ASP5125MXXNP | MEXICO | 22-Feb-18 | MX/A/2018/002286 | | | APPARATUS AND METHOD TO READ BIOLOGICAL INDICATOR |
| ASP5125 | ASP5125TWNP | TAIWAN | 21-Feb-18 | 107105801 | | | APPARATUS AND METHOD TO READ BIOLOGICAL INDICATOR |
| ASP5125 | ASP5125USNP | UNITED STATES OF AMERICA | 23-Feb-17 | 15/440360 | | | APPARATUS AND METHOD TO READ BIOLOGICAL INDICATOR |
| ASP5126 | ASP5126AUNP | AUSTRALIA | 20-Dec-17 | 2017279692 | | | SELF-CONTAINED BIOLOGICAL INDICATOR |
| ASP5126 | ASP5126BRNP | BRAZIL | 2-Jan-18 | 102018000034-9 | | | SELF-CONTAINED BIOLOGICAL INDICATOR |
| ASP5126 | ASP5126CANP | CANADA | 21-Dec-17 | 2990113 | | | SELF-CONTAINED BIOLOGICAL INDICATOR |
| ASP5126 | ASP5126CNPNP | CHINA | 3-Jan-18 | 201810004516.1 | | | SELF-CONTAINED BIOLOGICAL INDICATOR |
| ASP5126 | ASP5126EPEPA | EUROPEAN PROCEDURE (EPO Procedure) | 3-Jan-18 | 18150197.4 | | | SELF-CONTAINED BIOLOGICAL INDICATOR |
| ASP5126 | ASP5126ILNP | ISRAEL | 18-Dec-17 | 256389 | | | SELF-CONTAINED BIOLOGICAL INDICATOR |
| ASP5126 | ASP5126INNP | INDIA | 27-Dec-17 | 201714046902 | | | SELF-CONTAINED BIOLOGICAL INDICATOR |

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| ASPs126 | ASPs126KRNP | KOREA (SOUTH) | 2-Jan-18 | 2018-0000297 | | | SELF-CONTAINED BIOLOGICAL INDICATOR |
| ASPs126 | ASPs126MXNP | MEXICO | 8-Jan-18 | MX/A/18/000236 | | | SELF-CONTAINED BIOLOGICAL INDICATOR |
| ASPs126 | ASPs126RUUNP | RUSSIAN FEDERATION | 26-Dec-17 | 2017145872 | | | Apparatus for Breaking Biological Indicator |
| ASPs126 | ASPs126TWNP | TAIWAN | 29-Dec-17 | 106146393 | | | SELF-CONTAINED BIOLOGICAL INDICATOR |
| ASPs126 | ASPs126USNP | UNITED STATES OF AMERICA | 3-Jan-17 | 15/397018 | | | SELF-CONTAINED BIOLOGICAL INDICATOR |
| ASPs127 | ASPs127AUNP | AUSTRALIA | 23-Oct-17 | 2017251680 | | | APPARATUS AND METHOD FOR DETECTING IMPROPER POSITIONING OF REMOVABLE COMPONENT OF STERILIZING SYSTEM |
| ASPs127 | ASPs127BRNP | BRAZIL | 17-Nov-17 | 102017024733-3 | | | APPARATUS AND METHOD FOR DETECTING IMPROPER POSITIONING OF REMOVABLE COMPONENT OF STERILIZING SYSTEM |
| ASPs127 | ASPs127CANP | CANADA | 14-Nov-17 | 2985606 | | | APPARATUS AND METHOD FOR DETECTING IMPROPER POSITIONING OF REMOVABLE COMPONENT OF STERILIZING SYSTEM |
| ASPs127 | ASPs127CNNP | CHINA | 21-Nov-17 | 201711165769.9 | | | APPARATUS AND METHOD FOR DETECTING IMPROPER POSITIONING OF REMOVABLE COMPONENT OF STERILIZING SYSTEM |
| ASPs127 | ASPs127EPEPA | EUROPEAN PROCEDURE (EPO Procedure) | 20-Nov-17 | 17202523.1 | | | APPARATUS AND METHOD FOR DETECTING IMPROPER POSITIONING OF REMOVABLE COMPONENT OF STERILIZING SYSTEM |
| ASPs127 | ASPs127ILNP | ISRAEL | 30-Oct-17 | 255331 | | | APPARATUS AND METHOD FOR DETECTING IMPROPER POSITIONING OF REMOVABLE COMPONENT OF STERILIZING SYSTEM |
| ASPs127 | ASPs127INNP | INDIA | 6-Nov-17 | 201714039502 | | | APPARATUS AND METHOD FOR DETECTING IMPROPER POSITIONING OF REMOVABLE COMPONENT OF STERILIZING SYSTEM |
| ASPs127 | ASPs127JPNP | JAPAN | 20-Nov-17 | 2017-222468 | | | APPARATUS AND METHOD FOR DETECTING IMPROPER POSITIONING OF REMOVABLE COMPONENT OF STERILIZING SYSTEM |
| ASPs127 | ASPs127KRNP | KOREA (SOUTH) | 8-Nov-17 | 10-2017-0147887 | | | APPARATUS AND METHOD FOR DETECTING IMPROPER POSITIONING OF REMOVABLE COMPONENT OF STERILIZING SYSTEM |

| Patent Family # | Internal reference | Country [W] | Filing date | Filing number | Grant Date | Grant number | Short Title |
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| ASP5127 | ASP5127MXNP | MEXICO | 17-Nov-17 | MX/A/17/014815 | | | APPARATUS AND METHOD FOR DETECTING IMPROPER POSITIONING OF REMOVABLE COMPONENT OF STERILIZING SYSTEM |
| ASP5127 | ASP5127RUNP | RUSSIAN FEDERATION | 16-Nov-17 | 2017139904 | | | APPARATUS AND METHOD FOR DETECTING IMPROPER POSITIONING OF REMOVABLE COMPONENT OF STERILIZING SYSTEM |
| ASP5127 | ASP5127TWNP | TAIWAN | 17-Nov-17 | 106139841 | | | APPARATUS AND METHOD FOR DETECTING IMPROPER POSITIONING OF REMOVABLE COMPONENT OF STERILIZING SYSTEM |
| ASP5127 | ASP5127USNP | UNITED STATES OF AMERICA | 21-Nov-16 | 15/356724 | | | APPARATUS AND METHOD FOR DETECTING IMPROPER POSITIONING OF REMOVABLE COMPONENT OF STERILIZING SYSTEM |
| ASP5128 | ASP5128USNP | UNITED STATES OF AMERICA | 30-Jun-17 | 15/639872 | | | SYSTEMS AND METHODS FOR CONFIRMING ACTIVATION OF BIOLOGICAL INDICATORS |
| ASP5129 | ASP5129USNP | UNITED STATES OF AMERICA | 6-Sep-17 | 15/696420 | | | APPARATUS AND METHOD FOR DELIVERY OF CONCENTRATED DISINFECTANT OR STERILANT TO LUMEN OF MEDICAL INSTRUMENT. |
| ASP5130 | ASP5130USNP | UNITED STATES OF AMERICA | 14-Sep-17 | 15/704276 | | | APPARATUS AND METHOD TO REPEATEDLY FILL AND PURGE CHANNELS OF ENDOSCOPE |
| ASP5131 | ASP5131USNP | UNITED STATES OF AMERICA | 10-Aug-17 | 15/674000 | | | Vent Cap for Endoscope Sterilization |
| ASP5133 | ASP5133USNP | UNITED STATES OF AMERICA | 15-Dec-17 | 15/844237 | | | FLOW RESTRICTOR |
| ASP5134 | ASP5134USNP | UNITED STATES OF AMERICA | 1-Dec-17 | 15/828563 | | | BI with very short read time (less than 10 minutes with new algorithm on Apollo reader) |
| ASP5135 | ASP5135USNP | UNITED STATES OF AMERICA | 26-Dec-17 | 15/854369 | | | PROCESS AND APPARATUS FOR CLEANING, DISINFECTION, STERILIZATION, OR COMBINATIONS THEREOF |
| ASP5136 | ASP5136USNP | UNITED STATES OF AMERICA | 26-Dec-17 | 15/854372 | | | STORAGE APPARATUS AND METHOD FOR IDENTIFYING A POSITION OF AN OBJECT |
| ASP5139 | ASP5139USNP | UNITED STATES OF AMERICA | 4-Dec-17 | 15/830331 | | | Packaging Method to Prevent Mated Surfaces |
| ASP5140 | ASP5140USNP | UNITED STATES OF AMERICA | 26-Dec-17 | 15/854378 | | | Wipe Down and Utility Endoscope Transport Cart |
| ASP5141 | ASP5141USNP | UNITED STATES OF AMERICA | 29-Dec-17 | 15/858576 | | | Sterilization Tray |
| ASP5142 | ASP5142USNP | UNITED STATES OF AMERICA | 1-Dec-17 | 15/828654 | | | Sterilization Tray |

| Patent Family # | Internal reference | Country [W] | Filing date | Filing number | Grant Date | Grant number | Short Title |
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| JIM03143 | ASP5143USNP | UNITED STATES OF AMERICA | 29-Dec-17 | 15/858381 | | | STERILIZATION TRAY |
| JIM0166 | JIM0166CNI | CHINA | 29-Nov-01 | 1142479.6 | 19-Jan-05 | 01142479.6 | PLASMA-ENHANCED VACUUM DRYING INSTRUMENT STERILIZATION CONTAINER FORMED OF A LIQUID CRYSTAL POLYMER |
| JIM0225 | ASP0055USA | UNITED STATES OF AMERICA | 19-Dec-02 | 10/114212 | 17-Feb-04 | 6692693 | INSTRUMENT STERILIZATION CONTAINER FORMED OF A LIQUID CRYSTAL POLYMER |
| JIM0225 | ASP0055USACON | UNITED STATES OF AMERICA | 28-Feb-03 | 10/376939 | 6-Jul-04 | 6759017 | INSTRUMENT STERILIZATION CONTAINER FORMED OF A LIQUID CRYSTAL POLYMER |
| JIM0330 | ASP0025USA | UNITED STATES OF AMERICA | 31-May-01 | 09/871219 | 11-Feb-03 | 6516817 | MONITORING OF CLEANING PROCESS |
| JIM0330 | ASP0061USA | UNITED STATES OF AMERICA | 25-Apr-02 | 10/132811 | 11-Feb-03 | 6516818 | DETECTION OF CLEANLINESS OF A MEDICAL DEVICE DURING A WASHING PROCESS |
| JIM0330 | ASP0062USA | UNITED STATES OF AMERICA | 25-Apr-02 | 10/132745 | 17-Dec-02 | 6494964 | MONITORING A CLEANING PROCESS |
| JIM0330 | JIM0330USCNT1 | UNITED STATES OF AMERICA | 20-Dec-02 | 10/326041 | 24-Jul-07 | 7246627 | MONITORING OF CLEANING PROCESS |
| JIM0330 | JIM0397USA | UNITED STATES OF AMERICA | 11-May-98 | 09/075714 | 28-May-02 | 6394111 | DETECTION OF CLEANLINESS OF A MEDICAL DEVICE DURING A WASHING PROCESS |
| JIM0330 | JIM0506USA | UNITED STATES OF AMERICA | 14-Oct-99 | 09/417648 | 24-Sep-02 | 6454874 | METHOD FOR DETECTING THE CLEANLINESS OF A MEDICAL DEVICE |
| JIM0346 | JIM0346JAP | JAPAN | 16-Dec-98 | 375658/98 | 22-Apr-11 | 4727008 | AN INTEGRATED CLEANING/STERILIZATION PROCESS |
| JIM0350 | JIM0350USA | UNITED STATES OF AMERICA | 23-Jul-98 | 09/121440 | 28-Mar-00 | 6041794 | CONNECTOR WITHOUT OCCLUSION |
| JIM0350 | JIM0508USA | UNITED STATES OF AMERICA | 14-Dec-99 | 09/460678 | 12-Mar-02 | 6354312 | CONNECTOR WITHOUT OCCLUSION |
| JIM0353 | ASP0012USA | UNITED STATES OF AMERICA | 19-Dec-00 | 09/741633 | 22-Apr-03 | 6551555 | AN APPARATUS WITH A CHEMICAL INDICATOR FOR INDICATING EXPOSURE TO AN OXIDATIVE STERILANT OR DISINFECTANT (JIM-466) |
| JIM0353 | JIM0353AUL | AUSTRALIA | 5-Nov-98 | 91357/98 | 21-Mar-02 | 741640 | CHEMICAL INDICATOR FOR OXIDATION-TYPE STERILIZATION PROCESSESUSING BLEACHABLE DYES |
| JIM0353 | JIM0353CAN | CANADA | 6-Nov-98 | 2253041 | 24-Oct-06 | 2253041 | CHEMICAL INDICATOR FOR OXIDATION-TYPE STERILIZATION PROCESSESUSING BLEACHABLE DYES |
| JIM0353 | JIM0353EP | EUROPEAN PROCEDURE (EPO Procedure) | 6-Nov-98 | 98309091.1 | 2-Mar-05 | 0914833 | CHEMICAL INDICATOR FOR OXIDATION-TYPE STERILIZATION PROCESSESUSING BLEACHABLE DYES |
| JIM0353 | JIM0353FRA | FRANCE | 6-Nov-98 | 98309091.1 | 2-Mar-05 | 0914833 | CHEMICAL INDICATOR FOR OXIDATION-TYPE STERILIZATION PROCESSESUSING BLEACHABLE DYES |

| Patent Family # | Internal reference | Country [W] | Filing date | Filing number | Grant Date | Grant number | Short Title |
|-----------------|--------------------|------------------------------------|-------------|---------------|------------|--------------|--|
| JIM0353 | JIM0353GBT | UNITED KINGDOM (Great Britain) | 6-Nov-98 | 98309091.1 | 2-Mar-05 | 0914833 | CHEMICAL INDICATOR FOR OXIDATION-TYPE STERILIZATION PROCESSESUSING BLEACHABLE DYES |
| JIM0353 | JIM0353GFR | GERMANY | 6-Nov-98 | 98309091.1 | 2-Mar-05 | 69829146.8 | CHEMICAL INDICATOR FOR OXIDATION-TYPE STERILIZATION PROCESSESUSING BLEACHABLE DYES |
| JIM0353 | JIM0353ITL | ITALY | 6-Nov-98 | 98309091.1 | 2-Mar-05 | 0914833 | CHEMICAL INDICATOR FOR OXIDATION-TYPE STERILIZATION PROCESSESUSING BLEACHABLE DYES |
| JIM0353 | JIM0353JAP | JAPAN | 6-Nov-98 | 330237/98 | 10-Apr-09 | 4290254 | CHEMICAL INDICATOR FOR OXIDATION-TYPE STERILIZATION PROCESSESUSING BLEACHABLE DYES |
| JIM0353 | JIM0353KOR | KOREA (SOUTH) | 6-Nov-98 | 98-47424 | 25-Aug-05 | 511712 | CHEMICAL INDICATOR FOR OXIDATION-TYPE STERILIZATION PROCESSESUSING BLEACHABLE DYES |
| JIM0353 | JIM0353SPN | SPAIN | 6-Nov-98 | 98309091.1 | 2-Mar-05 | 0914833 | CHEMICAL INDICATOR FOR OXIDATION-TYPE STERILIZATION PROCESSESUSING BLEACHABLE DYES |
| JIM0353 | JIM0353TWN | TAIWAN | 6-Nov-98 | 871118462 | 21-Aug-03 | 176698 | CHEMICAL INDICATOR FOR OXIDATION-TYPE STERILIZATION PROCESSESUSING BLEACHABLE DYES |
| JIM0360 | JIM0360AUL | AUSTRALIA | 11-Nov-98 | 92352/98 | 16-Jan-03 | 753047 | METHOD FOR MEASURING THE CONCENTRATION OF HYDROGEN PEROXIDEVAPOR |
| JIM0360 | JIM0360CA | CANADA | 12-Nov-98 | 2253975 | 24-Aug-10 | 2253975 | METHOD FOR MEASURING THE CONCENTRATION OF HYDROGEN PEROXIDEVAPOR |
| JIM0360 | JIM0360EP | EUROPEAN PROCEDURE (EPO Procedure) | 13-Nov-98 | 98309304.8 | 12-Jan-05 | 0916937 | METHOD FOR MEASURING THE CONCENTRATION OF HYDROGEN PEROXIDEVAPOR |
| JIM0360 | JIM0360FRA | FRANCE | 13-Nov-98 | 98309304.8 | 12-Jan-05 | 0916937 | METHOD FOR MEASURING THE CONCENTRATION OF HYDROGEN PEROXIDEVAPOR |
| JIM0360 | JIM0360GBT | UNITED KINGDOM (Great Britain) | 13-Nov-98 | 98309304.8 | 12-Jan-05 | 0916937 | METHOD FOR MEASURING THE CONCENTRATION OF HYDROGEN PEROXIDEVAPOR |
| JIM0360 | JIM0360GFR | GERMANY | 13-Nov-98 | 98309304.8 | 12-Jan-05 | 69828569.7 | METHOD FOR MEASURING THE CONCENTRATION OF HYDROGEN PEROXIDEVAPOR |
| JIM0360 | JIM0360ITL | ITALY | 13-Nov-98 | 98309304.8 | 12-Jan-05 | 0916937 | METHOD FOR MEASURING THE CONCENTRATION OF HYDROGEN PEROXIDEVAPOR |
| JIM0360 | JIM0360JAP | JAPAN | 13-Nov-98 | 338421/98 | 11-Apr-08 | 4108206 | METHOD FOR MEASURING THE CONCENTRATION OF HYDROGEN PEROXIDEVAPOR |

| Patent Family # | Internal reference | Country [W] | Filing date | Filing number | Grant Date | Grant number | Short Title |
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| JIM0360 | JIM0360SPN | SPAIN | 13-Nov-98 | 98309304.8 | 12-Jan-05 | 0916937 | METHOD FOR MEASURING THE CONCENTRATION OF HYDROGEN PEROXIDE VAPOR |
| JIM0360 | JIM0476USA | UNITED STATES OF AMERICA | 21-Jun-99 | 09/337727 | 7-Aug-01 | 6269680 | METHOD AND APPARATUS FOR MEASURING THE CONCENTRATION OF HYDROGEN PEROXIDE VAPOR |
| JIM0368 | JIM0368AUL | AUSTRALIA | 21-Jan-99 | 13180/99 | 29-Aug-02 | 747387 | DISINFECTING AND STERILIZING CONCENTRATE CONTAINING AN AROMATICDIALDEHYDE AND A NEUTRAL PH BUFFERING SYSTEM |
| JIM0368 | JIM0368CAN | CANADA | 20-Jan-99 | 2259707 | 17-Aug-10 | 2259707 | DISINFECTING AND STERILIZING CONCENTRATE CONTAINING AN AROMATICDIALDEHYDE AND A NEUTRAL PH BUFFERING SYSTEM |
| JIM0368 | JIM0368EPO | EUROPEAN PROCEDURE (EPO Procedure) | 20-Jan-99 | 99300392 | 28-May-03 | 0937395 | DISINFECTING AND STERILIZING CONCENTRATE CONTAINING AN AROMATICDIALDEHYDE AND A NEUTRAL PH BUFFERING SYSTEM |
| JIM0368 | JIM0368FRA | FRANCE | 20-Jan-99 | 99300392 | 28-May-03 | 0937395 | DISINFECTING AND STERILIZING CONCENTRATE CONTAINING AN AROMATICDIALDEHYDE AND A NEUTRAL PH BUFFERING SYSTEM |
| JIM0368 | JIM0368GBT | UNITED KINGDOM (Great Britain) | 20-Jan-99 | 99300392 | 28-May-03 | 0937395 | DISINFECTING AND STERILIZING CONCENTRATE CONTAINING AN AROMATICDIALDEHYDE AND A NEUTRAL PH BUFFERING SYSTEM |
| JIM0368 | JIM0368GFR | GERMANY | 20-Jan-99 | 99300392 | 28-May-03 | 69908206.4-08 | DISINFECTING AND STERILIZING CONCENTRATE CONTAINING AN AROMATICDIALDEHYDE AND A NEUTRAL PH BUFFERING SYSTEM |
| JIM0368 | JIM0368ITL | ITALY | 20-Jan-99 | 99300392 | 28-May-03 | 0937395 | DISINFECTING AND STERILIZING CONCENTRATE CONTAINING AN AROMATICDIALDEHYDE AND A NEUTRAL PH BUFFERING SYSTEM |
| JIM0368 | JIM0368SPN | SPAIN | 20-Jan-99 | 99300392 | 28-May-03 | 0937395 | DISINFECTING AND STERILIZING CONCENTRATE CONTAINING AN AROMATICDIALDEHYDE AND A NEUTRAL PH BUFFERING SYSTEM |
| JIM0368 | JIM0473USA | UNITED STATES OF AMERICA | 26-May-99 | 09/320598 | 6-Jun-00 | 6071972 | DISINFECTING AND STERILIZING CONCENTRATE CONTAINING AN AROMATICDIALDEHYDE AND A NEUTRAL PH BUFFERING SYSTEM |
| JIM0376 | JIM0451USA | UNITED STATES OF AMERICA | 17-Dec-98 | 09/213792 | 27-Feb-01 | 6193932 | STERILIZATION CONTAINER AND INSTRUMENT HOLDER THEREFOR |
| JIM0384 | JIM0384JAP | JAPAN | 2-Nov-98 | 325835/98 | 20-Feb-09 | 4260255 | STERILIZER EXHAUST GAS INACTIVATION |
| JIM0384 | JIM0428USA | UNITED STATES OF AMERICA | 28-Oct-98 | 09/181426 | 3-Dec-02 | 6488902 | STERILIZER EXHAUST GAS INACTIVATION |

| Patent # | Internal reference | Country [W] | Filing date | Filing number | Grant Date | Grant number | Short Title |
|----------|--------------------|------------------------------------|-------------|---------------|------------|--------------|---|
| JIM0408 | JIM0408USA | UNITED STATES OF AMERICA | 30-Dec-98 | 09/223479 | 4-Dec-01 | 6325972 | APPARATUS AND PROCESS FOR CONCENTRATING A LIQUID STERILANT AND STERILIZING ARTICLES THEREWITH |
| JIM0408 | JIM0408USACIP2 | UNITED STATES OF AMERICA | 31-Mar-03 | 10/403140 | 7-Aug-07 | 7252800 | APPARATUS AND PROCESS FOR CONCENTRATING A LIQUID STERILANT AND STERILIZING ARTICLES THEREWITH |
| JIM0408 | JIM0408USCIP3 | UNITED STATES OF AMERICA | 30-Mar-05 | 11/093526 | 2-Mar-10 | 7670550 | RAPID STERILIZATION SYSTEM |
| JIM0408 | JIM0522AUL | AUSTRALIA | 29-Dec-99 | 23955/00 | 16-Oct-03 | 755860 | PROCESS FOR CONCENTRATING A STERILANT AND STERILIZING ARTICLES THEREWITH |
| JIM0408 | JIM0522CAN | CANADA | 29-Dec-99 | 2357843 | 3-Apr-07 | 2357843 | PROCESS FOR CONCENTRATING A STERILANT AND STERILIZING ARTICLES THEREWITH |
| JIM0408 | JIM0522EPO | EUROPEAN PROCEDURE (EPO Procedure) | 29-Dec-99 | 99967719.8 | 6-Sep-06 | 1140220 | PROCESS FOR CONCENTRATING A STERILANT AND STERILIZING ARTICLES THEREWITH |
| JIM0408 | JIM0522FRA | FRANCE | 29-Dec-99 | 99967719.8 | 6-Sep-06 | 1140220 | PROCESS FOR CONCENTRATING A STERILANT AND STERILIZING ARTICLES THEREWITH |
| JIM0408 | JIM0522GBT | UNITED KINGDOM (Great Britain) | 29-Dec-99 | 99967719.8 | 6-Sep-06 | 1140220 | PROCESS FOR CONCENTRATING A STERILANT AND STERILIZING ARTICLES THEREWITH |
| JIM0408 | JIM0522GFR | GERMANY | 29-Dec-99 | 99967719.8 | 6-Sep-06 | 69933137.4 | PROCESS FOR CONCENTRATING A STERILANT AND STERILIZING ARTICLES THEREWITH |
| JIM0408 | JIM0522ITL | ITALY | 29-Dec-99 | 99967719.8 | 6-Sep-06 | 1140220 | PROCESS FOR CONCENTRATING A STERILANT AND STERILIZING ARTICLES THEREWITH |
| JIM0408 | JIM0522PCT | INTERNATIONAL PROCEDURE | 29-Dec-99 | US99/31140 | | | PROCESS FOR CONCENTRATING A STERILANT AND STERILIZING ARTICLES THEREWITH |
| JIM0408 | JIM0522SPN | SPAIN | 29-Dec-99 | 99967719.8 | 6-Sep-06 | 1140220 | PROCESS FOR CONCENTRATING A STERILANT AND STERILIZING ARTICLES THEREWITH |
| JIM0408 | JIM0522USA | UNITED STATES OF AMERICA | 29-Dec-99 | 09/474142 | 2-Dec-03 | 6656426 | PROCESS FOR CONCENTRATING A STERILANT AND STERILIZING ARTICLES THEREWITH |
| JIM0408 | JIM0523AU | AUSTRALIA | 29-Dec-99 | 27158/00 | 2-Oct-03 | 755983 | A METHOD OF STERILIZING AN ARTICLE AND CERTIFYING THE ARTICLE AS STERILE |
| JIM0408 | JIM0523CAN | CANADA | 29-Dec-99 | 2357838 | 22-Jun-10 | 2357838 | A METHOD OF STERILIZING AN ARTICLE AND CERTIFYING THE ARTICLE AS STERILE |
| JIM0408 | JIM0523EP | EUROPEAN PROCEDURE (EPO Procedure) | 29-Dec-99 | 99968969.8 | 10-May-06 | 1146915 | A METHOD OF STERILIZING AN ARTICLE AND CERTIFYING THE ARTICLE AS STERILE |

| Patent Family # | Internal reference | Country [W] | Filing date | Filing number | Grant Date | Grant number | Short Title |
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| JIM0408 | JIM0523FRA | FRANCE | 29-Dec-99 | 99968969.8 | 10-May-06 | 1146915 | PROCESS FOR CONCENTRATING A STERILANT AND STERILIZING ARTICLES THEREWITH |
| JIM0408 | JIM0523GBT | UNITED KINGDOM (Great Britain) | 29-Dec-99 | 99968969.8 | 10-May-06 | 1146915 | PROCESS FOR CONCENTRATING A STERILANT AND STERILIZING ARTICLES THEREWITH |
| JIM0408 | JIM0523GFR | GERMANY | 29-Dec-99 | 99968969.8 | 10-May-06 | 69931280.9 | PROCESS FOR CONCENTRATING A STERILANT AND STERILIZING ARTICLES THEREWITH |
| JIM0408 | JIM0523ITL | ITALY | 29-Dec-99 | 99968969.8 | 10-May-06 | 1146915 | A METHOD OF STERILIZING AN ARTICLE AND CERTIFYING THE ARTICLE AS STERILE |
| JIM0408 | JIM0523PCT | INTERNATIONAL PROCEDURE | 29-Dec-99 | US99/31100 | | | A METHOD OF STERILIZING AN ARTICLE AND CERTIFYING THE ARTICLE AS STERILE |
| JIM0408 | JIM0523SPN | SPAIN | 29-Dec-99 | 99968969.8 | 10-May-06 | 1146915 | A METHOD OF STERILIZING AN ARTICLE AND CERTIFYING THE ARTICLE AS STERILE |
| JIM0408 | JIM0523USA | UNITED STATES OF AMERICA | 29-Dec-99 | 09/474285 | 30-Sep-03 | 6627150 | A METHOD OF STERILIZING AN ARTICLE AND CERTIFYING THE ARTICLE AS STERILE |
| JIM0434 | JIM0434USA | UNITED STATES OF AMERICA | 2-Apr-99 | 09/285503 | 18-Mar-03 | 6534003 | A VALVE AND A METHOD OF USING A VALVE |
| JIM0440 | ASP0042USA | UNITED STATES OF AMERICA | 16-Oct-01 | 09/982213 | 29-Jul-03 | 6599471 | STERILIZATION PROCESS USING SMALL AMOUNT OF STERILANT TO DETERMINE THE LOAD |
| JIM0440 | JIM0440USA | UNITED STATES OF AMERICA | 30-Dec-98 | 09/223125 | 25-Dec-01 | 6333002 | STERILIZATION PROCESS USING SMALL AMOUNT OF STERILANT TO DETERMINE THE LOAD |
| JIM0471 | JIM0471JAP | JAPAN | 17-Mar-99 | 72507/99 | | | LOW TEMPERATURE PLASMA STERILIZER |
| JIM0515 | ASP0022USA | UNITED STATES OF AMERICA | 1-May-01 | 09/846401 | 11-Mar-03 | 6530399 | METHOD FOR DELIVERING LIQUID WITH A CONTAINER DELIVERY SYSTEM |
| JIM0515 | ASP0023USA | UNITED STATES OF AMERICA | 1-May-01 | 09/846400 | 21-May-02 | 6390155 | A MECHANISM AND A METHOD FOR OPENING A SEALED CONTAINER |
| JIM0515 | JIM0515AUL | AUSTRALIA | 5-Feb-01 | 18297/01 | 12-Aug-04 | 772565 | METHOD AND SYSTEM FOR DELIVERING AND METERING LIQUID STERILANT |
| JIM0515 | JIM0515AUL1 | AUSTRALIA | 13-Feb-04 | 2004200583 | 12-Oct-06 | 2004200583 | METHOD AND SYSTEM FOR DELIVERING AND METERING LIQUID STERILANT |
| JIM0515 | JIM0515AUL2 | AUSTRALIA | 13-Feb-04 | 2004200588 | 20-Feb-06 | 2004200588 | METHOD AND SYSTEM FOR DELIVERING AND METERING LIQUID STERILANT |
| JIM0515 | JIM0515CADIV1 | CANADA | 5-Feb-01 | 2744090 | 17-Dec-13 | 2744090 | METHOD AND SYSTEM FOR DELIVERING AND METERING LIQUID STERILANT |
| JIM0515 | JIM0515CADIV2 | CANADA | 5-Feb-01 | 2810290 | 17-Dec-13 | 2810290 | METHOD AND SYSTEM FOR DELIVERING AND METERING LIQUID STERILANT |
| JIM0515 | JIM0515CAN | CANADA | 5-Feb-01 | 2333826 | 24-Apr-12 | 2333826 | METHOD AND SYSTEM FOR DELIVERING AND METERING LIQUID STERILANT |

| Patent Family # | Internal reference | Country [W] | Filing date | Filing number | Grant Date | Grant number | Short Title |
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| JJM0515 | JJM0515DEOEED1 | GERMANY | 6-Feb-01 | 10075292.2 | 22-Jan-14 | 60148576.9 | METHOD AND SYSTEM FOR DELIVERING AND METERING LIQUID STERILANT |
| JJM0515 | JJM0515DEOEED2 | GERMANY | 6-Feb-01 | 10075291.4 | 20-Jun-12 | 60146765.5 | METHOD AND SYSTEM FOR DELIVERING AND METERING LIQUID STERILANT |
| JJM0515 | JJM0515EPO | EUROPEAN PROCEDURE (EPO Procedure) | 6-Feb-01 | 1301021 | 6-Jul-11 | 1121942 | METHOD AND SYSTEM FOR DELIVERING AND METERING LIQUID STERILANT |
| JJM0515 | JJM0515EPOED1 | EUROPEAN PROCEDURE (EPO Procedure) | 6-Feb-01 | 10075292.2 | 22-Jan-14 | 2266632 | METHOD AND SYSTEM FOR DELIVERING AND METERING LIQUID STERILANT |
| JJM0515 | JJM0515EPOED2 | EUROPEAN PROCEDURE (EPO Procedure) | 6-Feb-01 | 10075291.4 | 20-Jun-12 | 2266631 | METHOD AND SYSTEM FOR DELIVERING AND METERING LIQUID STERILANT |
| JJM0515 | JJM0515ESEOED1 | SPAIN | 6-Feb-01 | 10075292.2 | 22-Jan-14 | 2266632 | METHOD AND SYSTEM FOR DELIVERING AND METERING LIQUID STERILANT |
| JJM0515 | JJM0515ESEOED2 | SPAIN | 6-Feb-01 | 10075291.4 | 20-Jun-12 | 2266631 | METHOD AND SYSTEM FOR DELIVERING AND METERING LIQUID STERILANT |
| JJM0515 | JJM0515FRA | FRANCE | 6-Feb-01 | 1301021 | 6-Jul-11 | 1121942 | METHOD AND SYSTEM FOR DELIVERING AND METERING LIQUID STERILANT |
| JJM0515 | JJM0515FROED1 | FRANCE | 6-Feb-01 | 10075292.2 | 22-Jan-14 | 2266632 | METHOD AND SYSTEM FOR DELIVERING AND METERING LIQUID STERILANT |
| JJM0515 | JJM0515FROED2 | FRANCE | 6-Feb-01 | 10075291.4 | 20-Jun-12 | 2266631 | METHOD AND SYSTEM FOR DELIVERING AND METERING LIQUID STERILANT |
| JJM0515 | JJM0515GBOED1 | UNITED KINGDOM (Great Britain) | 6-Feb-01 | 10075292.2 | 22-Jan-14 | 2266632 | METHOD AND SYSTEM FOR DELIVERING AND METERING LIQUID STERILANT |
| JJM0515 | JJM0515GBOED2 | UNITED KINGDOM (Great Britain) | 6-Feb-01 | 10075291.4 | 20-Jun-12 | 2266631 | METHOD AND SYSTEM FOR DELIVERING AND METERING LIQUID STERILANT |
| JJM0515 | JJM0515GBT | UNITED KINGDOM (Great Britain) | 6-Feb-01 | 1301021 | 6-Jul-11 | 1121942 | METHOD AND SYSTEM FOR DELIVERING AND METERING LIQUID STERILANT |
| JJM0515 | JJM0515GFR | GERMANY | 6-Feb-01 | 1301021 | 6-Jul-11 | 1121942 | METHOD AND SYSTEM FOR DELIVERING AND METERING LIQUID STERILANT |
| JJM0515 | JJM0515ITL | ITALY | 6-Feb-01 | 1301021 | 6-Jul-11 | 1121942 | METHOD AND SYSTEM FOR DELIVERING AND METERING LIQUID STERILANT |
| JJM0515 | JJM0515ITOEED1 | ITALY | 6-Feb-01 | 10075292.2 | 22-Jan-14 | 2266632 | METHOD AND SYSTEM FOR DELIVERING AND METERING LIQUID STERILANT |
| JJM0515 | JJM0515ITOEED2 | ITALY | 6-Feb-01 | 10075291.4 | 20-Jun-12 | 2266631 | METHOD AND SYSTEM FOR DELIVERING AND METERING LIQUID STERILANT |
| JJM0515 | JJM0515JAP | JAPAN | 7-Feb-01 | 2001-031461 | 18-May-12 | 4994534 | METHOD AND SYSTEM FOR DELIVERING AND METERING LIQUID STERILANT |
| JJM0515 | JJM0515JPDIV1 | JAPAN | 7-Feb-01 | 2011-140297 | 28-Sep-12 | 5095845 | METHOD AND SYSTEM FOR DELIVERING AND METERING LIQUID STERILANT |
| JJM0515 | JJM0515JPDIV2 | JAPAN | 7-Feb-01 | 2011-140308 | 16-Nov-12 | 5133444 | METHOD AND SYSTEM FOR DELIVERING AND METERING LIQUID STERILANT |
| JJM0515 | JJM0515KOR | KOREA (SOUTH) | 6-Feb-01 | 10-2001-0005563 | 7-Dec-07 | 785640 | METHOD AND SYSTEM FOR DELIVERING AND METERING LIQUID STERILANT |
| JJM0515 | JJM0515KRDIY1 | KOREA (SOUTH) | 6-Feb-01 | 10-2007-0050776 | 5-Mar-08 | 812557 | METHOD AND SYSTEM FOR DELIVERING AND METERING LIQUID STERILANT |

| Patent Family # | Internal reference | Country [W] | Filing date | Filing number | Grant Date | Grant number | Short Title |
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| JJM0515 | JJM0515KRDIIV2 | KOREA (SOUTH) | 6-Feb-01 | 10-2007-0050777 | 11-Mar-08 | 814273 | METHOD AND SYSTEM FOR DELIVERING AND METERING LIQUID STERILANT |
| JJM0515 | JJM0515SPN | SPAIN | 6-Feb-01 | 1301021 | 6-Jul-11 | 1121942 | METHOD AND SYSTEM FOR DELIVERING AND METERING LIQUID STERILANT |
| JJM0515 | JJM0515TWN | TAIWAN | 9-Mar-01 | 90102564 | 27-May-03 | 171010 | METHOD AND SYSTEM FOR DELIVERING AND METERING LIQUID STERILANT |
| JJM0515 | JJM0515USA | UNITED STATES OF AMERICA | 7-Feb-00 | 09/499418 | 28-Aug-01 | 6279622 | METHOD AND SYSTEM FOR DELIVERING AND METERING LIQUID STERILANT |
| JJM0539 | JJM0539AU | AUSTRALIA | 21-Jan-01 | 53989/01 | 27-Jan-05 | 777205 | METHOD TO DETECT ACCEPTABLE STERILANT/MONITOR |
| JJM0539 | JJM0539CAN | CANADA | 13-Jan-01 | 2350387 | 28-Apr-09 | 2350387 | METHOD TO DETECT ACCEPTABLE STERILANT/MONITOR |
| JJM0539 | JJM0539EPO | EUROPEAN PROCEDURE (EPO Procedure) | 26-Jun-01 | 1305514 | 31-Oct-07 | 1166802 | Method for rapidly determining the acceptability of loads to be sterilized |
| JJM0539 | JJM0539FRA | FRANCE | 26-Jun-01 | 1305514 | 31-Oct-07 | 1166802 | METHOD TO DETECT ACCEPTABLE STERILANT/MONITOR |
| JJM0539 | JJM0539GBT | UNITED KINGDOM (Great Britain) | 26-Jun-01 | 1305514 | 31-Oct-07 | 1166802 | METHOD TO DETECT ACCEPTABLE STERILANT/MONITOR |
| JJM0539 | JJM0539GFR | GERMANY | 26-Jun-01 | 1305514 | 31-Oct-07 | 60131118.3 | METHOD TO DETECT ACCEPTABLE STERILANT/MONITOR |
| JJM0539 | JJM0539ITL | ITALY | 26-Jun-01 | 1305514 | 31-Oct-07 | 1166802 | METHOD TO DETECT ACCEPTABLE STERILANT/MONITOR |
| JJM0539 | JJM0539JAP | JAPAN | 26-Jun-01 | 193611/01 | 25-Feb-11 | 4689090 | METHOD TO DETECT ACCEPTABLE STERILANT/MONITOR |
| JJM0539 | JJM0539JPDIVI | JAPAN | 26-Jun-01 | 2010-280215 | 8-Mar-13 | 5214717 | METHOD TO DETECT ACCEPTABLE STERILANT/MONITOR |
| JJM0539 | JJM0539SPN | SPAIN | 26-Jun-01 | 1305514 | 31-Oct-07 | 1166802 | METHOD TO DETECT ACCEPTABLE STERILANT/MONITOR |
| JJM0539 | JJM0539USA | UNITED STATES OF AMERICA | 27-Jun-00 | 09/604650 | 4-Mar-03 | 6528016 | METHOD TO DETECT ACCEPTABLE STERILANT/MONITOR |
| JJM0539 | JJM0539USACON | UNITED STATES OF AMERICA | 4-Mar-03 | 10/379518 | 8-Jun-04 | 6746647 | METHOD TO DETECT ACCEPTABLE STERILANT/MONITOR |
| JJM0540 | JJM0540AUL | AUSTRALIA | 2-Oct-01 | 77348/01 | 9-Sep-04 | 773646 | STERILIZATION SYSTEM EMPLOYING LOW FREQUENCY PLASMA |

| Patent Family # | Internal reference | Country [W] | Filing date | Filing number | Grant Date | Grant number | Short Title |
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| JIM0540 | JIM0540CAN | CANADA | 1-Oct-01 | 2357963 | 17-Aug-10 | 2357963 | STERILIZATION SYSTEM EMPLOYING LOW FREQUENCY PLASMA |
| JIM0540 | JIM0540EPO | EUROPEAN PROCEDURE (EPO Procedure) | 1-Oct-01 | 1308362.1 | 10-Aug-11 | 1201254 | STERILIZATION SYSTEM EMPLOYING LOW FREQUENCY PLASMA |
| JIM0540 | JIM0540FRA | FRANCE | 1-Oct-01 | 1308362.1 | 10-Aug-11 | 1201254 | STERILIZATION SYSTEM EMPLOYING LOW FREQUENCY PLASMA |
| JIM0540 | JIM0540GBT | UNITED KINGDOM (Great Britain) | 1-Oct-01 | 1308362.1 | 10-Aug-11 | 1201254 | STERILIZATION SYSTEM EMPLOYING LOW FREQUENCY PLASMA |
| JIM0540 | JIM0540GFR | GERMANY | 1-Oct-01 | 1308362.1 | 10-Aug-11 | 60145105.8 | STERILIZATION SYSTEM EMPLOYING LOW FREQUENCY PLASMA |
| JIM0540 | JIM0540ITL | ITALY | 1-Oct-01 | 1308362.1 | 10-Aug-11 | 1201254 | STERILIZATION SYSTEM EMPLOYING LOW FREQUENCY PLASMA |
| JIM0540 | JIM0540JAP | JAPAN | 2-Oct-01 | 306866/01 | 9-May-08 | 4121729 | STERILIZATION SYSTEM EMPLOYING LOW FREQUENCY PLASMA |
| JIM0540 | JIM0540SPN | SPAIN | 1-Oct-01 | 1308362.1 | 10-Aug-11 | 1201254 | STERILIZATION SYSTEM EMPLOYING LOW FREQUENCY PLASMA |
| JIM0540 | JIM0540USA | UNITED STATES OF AMERICA | 2-Oct-00 | 09/676919 | 1-Oct-02 | 6458321 | STERILIZATION SYSTEM EMPLOYING LOW FREQUENCY PLASMA |
| JIM0541 | ASP0021AU | AUSTRALIA | 4-Mar-02 | 20306/02 | 26-Oct-06 | 784867 | (JOHNA.055CP1). STERILIZATION SYSTEM EMPLOYING A SWITCHING MODULE ADAPTED TO PULSATE THE LOW FREQUENCY POWER APPLIED TO A PLASMA |
| JIM0541 | ASP0021CAN | CANADA | 18-Mar-02 | 2377253 | 20-Oct-09 | 2377253 | (JOHNA.055CP1). STERILIZATION SYSTEM EMPLOYING A SWITCHING MODULE ADAPTED TO PULSATE THE LOW FREQUENCY POWER APPLIED TO A PLASMA |
| JIM0541 | ASP0021EPO | EUROPEAN PROCEDURE (EPO Procedure) | 18-Mar-02 | 02251914.4 | 14-May-08 | 1243277 | (JOHNA.055CP1). STERILIZATION SYSTEM EMPLOYING A SWITCHING MODULE ADAPTED TO PULSATE THE LOW FREQUENCY POWER APPLIED TO A PLASMA |
| JIM0541 | ASP0021FRA | FRANCE | 18-Mar-02 | 02251914.4 | 14-May-08 | 1243277 | (JOHNA.055CP1). STERILIZATION SYSTEM EMPLOYING A SWITCHING MODULE ADAPTED TO PULSATE THE LOW FREQUENCY POWER APPLIED TO A PLASMA |
| JIM0541 | ASP0021GBT | UNITED KINGDOM (Great Britain) | 18-Mar-02 | 02251914.4 | 14-May-08 | 1243277 | (JOHNA.055CP1). STERILIZATION SYSTEM EMPLOYING A SWITCHING MODULE ADAPTED TO PULSATE THE LOW FREQUENCY POWER APPLIED TO A PLASMA |
| JIM0541 | ASP0021GFR | GERMANY | 18-Mar-02 | 02251914.4 | 14-May-08 | 60226534.7 | (JOHNA.055CP1). STERILIZATION SYSTEM EMPLOYING A SWITCHING MODULE ADAPTED TO PULSATE THE |

| Patent Family # | Internal reference | Country [W] | Filing date | Filing number | Grant Date | Grant number | Short Title |
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| JIM0541 | ASPP0021ITL | ITALY | 18-Mar-02 | 02251914.4 | 14-May-08 | 1243277 | LOW FREQUENCY POWER APPLIED TO A PLASMA |
| JIM0541 | ASPP0021JJP | JAPAN | 18-Mar-02 | 74913/02 | 21-Mar-08 | 4097964 | (JOHNA.055CPI). STERILIZATION SYSTEM EMPLOYING A SWITCHING MODULE ADAPTED TO PULSATE THE LOW FREQUENCY POWER APPLIED TO A PLASMA |
| JIM0541 | ASPP0021US | UNITED STATES OF AMERICA | 19-Mar-01 | 09/812148 | 8-Feb-05 | 6852277 | (JOHNA.055CPI). STERILIZATION SYSTEM EMPLOYING A SWITCHING MODULE ADAPTED TO PULSATE THE LOW FREQUENCY POWER APPLIED TO A PLASMA |
| JIM0541 | ASPP0058USACJP | UNITED STATES OF AMERICA | 7-Oct-02 | 10/266063 | 11-Jan-05 | 6841124 | (JOHNA.055CPI). STERILIZATION SYSTEM EMPLOYING A SWITCHING MODULE ADAPTED TO PULSATE THE LOW FREQUENCY POWER APPLIED TO A PLASMA |
| JIM0541 | ASPP0064US | UNITED STATES OF AMERICA | 27-Jun-02 | 10/184153 | 6-Sep-05 | 6939519 | (JOHNA.055CPI). STERILIZATION SYSTEM EMPLOYING A SWITCHING MODULE ADAPTED TO PULSATE THE LOW FREQUENCY POWER APPLIED TO A PLASMA |
| JIM0541 | JIM0541AUL | AUSTRALIA | 2-Oct-01 | 77343/01 | 23-Sep-04 | 773889 | POWER SYSTEM FOR STERILIZATION SYSTEMS EMPLOYING LOW FREQUENCY PLASMA |
| JIM0541 | JIM0541AUNP2 | AUSTRALIA | 6-Oct-03 | 2003252860 | 22-Jul-10 | 2003252860 | POWER SYSTEM FOR STERILIZATION SYSTEMS EMPLOYING LOW FREQUENCY PLASMA |
| JIM0541 | JIM0541CAN | CANADA | 1-Oct-01 | 2357957 | 1-Dec-09 | 2357957 | POWER SYSTEM FOR STERILIZATION SYSTEMS EMPLOYING LOW FREQUENCY PLASMA |
| JIM0541 | JIM0541CANP2 | CANADA | 7-Oct-03 | 2444295 | 11-May-10 | 2444295 | POWER SYSTEM FOR STERILIZATION SYSTEMS EMPLOYING LOW FREQUENCY PLASMA |
| JIM0541 | JIM0541EP | EUROPEAN PROCEDURE (EPO Procedure) | 1-Oct-01 | 1308363.9 | 20-Jul-11 | 1192953 | POWER SYSTEM FOR STERILIZATION SYSTEMS EMPLOYING LOW FREQUENCY PLASMA |
| JIM0541 | JIM0541FRA | FRANCE | 1-Oct-01 | 1308363.9 | 20-Jul-11 | 1192953 | POWER SYSTEM FOR STERILIZATION SYSTEMS EMPLOYING LOW FREQUENCY PLASMA |
| JIM0541 | JIM0541GRT | UNITED KINGDOM (Great Britain) | 1-Oct-01 | 1308363.9 | 20-Jul-11 | 1192953 | POWER SYSTEM FOR STERILIZATION SYSTEMS EMPLOYING LOW FREQUENCY PLASMA |

| Patent Family # | Internal reference | Country [W] | Filing date | Filing number | Grant Date | Grant number | Short Title |
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| JIM0541 | JIM0541GFR | GERMANY | 1-Oct-01 | 1308363.9 | 20-Jul-11 | 60144985.1 | POWER SYSTEM FOR STERILIZATION SYSTEMS EMPLOYING LOW FREQUENCY PLASMA |
| JIM0541 | JIM0541ITL | ITALY | 1-Oct-01 | 1308363.9 | 20-Jul-11 | 1192953 | POWER SYSTEM FOR STERILIZATION SYSTEMS EMPLOYING LOW FREQUENCY PLASMA |
| JIM0541 | JIM0541JAP | JAPAN | 2-Oct-01 | 306791/01 | 29-May-09 | 4316173 | POWER SYSTEM FOR STERILIZATION SYSTEMS EMPLOYING LOW FREQUENCY PLASMA |
| JIM0541 | JIM0541JPNP2 | JAPAN | 6-Oct-03 | 2003-347338 | 17-Jun-11 | 4762488 | POWER SYSTEM FOR STERILIZATION SYSTEMS EMPLOYING LOW FREQUENCY PLASMA |
| JIM0541 | JIM0541SPN | SPAIN | 1-Oct-01 | 1308363.9 | 20-Jul-11 | 1192953 | POWER SYSTEM FOR STERILIZATION SYSTEMS EMPLOYING LOW FREQUENCY PLASMA |
| JIM0541 | JIM0541USA | UNITED STATES OF AMERICA | 2-Oct-00 | 09/677534 | 10-Sep-02 | 6447719 | POWER SYSTEM FOR STERILIZATION SYSTEMS EMPLOYING LOW FREQUENCY PLASMA |
| ASP5125 | ASP5125RUNP | RU | 19 Feb 2018 | 2018106092 | | | APPARATUS AND METHOD TO READ BIOLOGICAL INDICATOR |
| ASP5099 | ASP5099RUPCD2 | RU | 18 Oct 2012 | 2018145307 | | | INSTRUMENT REPROCESSOR AND INSTRUMENT REPROCESSING METHODS |
| ASP5125 | ASP5125JPNP | JP | 22 Feb 2018 | 2018-029510 | | | APPARATUS AND METHOD TO READ BIOLOGICAL INDICATOR |
| ASP5126 | ASP5126JPNP | JP | 28 Dec 2017 | 2017-252897 | | | Apparatus for Breaking Biological Indicator Ampoule |
| ASP5099 | ASP5099JPPCD1 | JP | 05 Jul 2017 | 2017-131757 | | | INSTRUMENT REPROCESSOR AND INSTRUMENT REPROCESSING METHODS |
| ASP5105 | ASP5105ITEPA | IT | 27 Feb 2014 | 14157089.5 | | | LEAKAGE DETECTION IN A MEDICAL DEVICE |
| ASP5105 | ASP5105GBEPA | GB | 27 Feb 2014 | 14157089.5 | | | LEAKAGE DETECTION IN A MEDICAL DEVICE |
| ASP5105 | ASP5105FREPA | FR | 27 Feb 2014 | 14157089.5 | | | LEAKAGE DETECTION IN A MEDICAL DEVICE |
| ASP5105 | ASP5105ESEPA | ES | 27 Feb 2014 | 14157089.5 | | | LEAKAGE DETECTION IN A MEDICAL DEVICE |
| ASP5105 | ASP5105DEEPA | DE | 27 Feb 2014 | 14157089.5 | | | LEAKAGE DETECTION IN A MEDICAL DEVICE |
| ASP5119 | ASP5119CANP | CA | 23 Nov 2017 | 2986632 | | | STERILIZATION SYSTEM WITH INDEPENDENT VACUUM CHAMBERS |
| ASP5111 | ASP5111CANP | CA | 10 May 2017 | 2966368 | | | Apparatus and Method to Identify Endoscope Type and Provide Tailored Reprocessing |

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