

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT5033220

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
Name		Execution Date
UNITRACT SYRINGE PTY LTD		07/24/2017
RECEIVING PARTY DATA		
Name:	UNL HOLDINGS LLC	
Street Address:	601 LEXINGTON AVENUE	
Internal Address:	54TH FLOOR	
City:	NEW YORK	
State/Country:	NEW YORK	
Postal Code:	10022	
PROPERTY NUMBERS Total: 1		
Property Type	Number	
Application Number:	15967208	
CORRESPONDENCE DATA		
Fax Number:	(978)341-0136	
<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:	978-341-0036	
Email:	kellie.varno@hbsr.com	
Correspondent Name:	ALICE O. CARROLL	
Address Line 1:	530 VIRGINIA ROAD, P.O. BOX 9133	
Address Line 2:	HAMILTON, BROOK, SMITH & REYNOLDS, P.C.	
Address Line 4:	CONCORD, MASSACHUSETTS 01742-9133	
ATTORNEY DOCKET NUMBER:	5474.1049-015	
NAME OF SUBMITTER:	KELLIE J. VARNO	
SIGNATURE:	/Kellie J. Varno/	
DATE SIGNED:	07/02/2018	
Total Attachments: 29		
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ASSIGNMENT OF WORLDWIDE PATENTS

This ASSIGNMENT OF WORLDWIDE PATENTS (this "Assignment") dated as of July 24, 2017 is made by and among Unilife Corporation, a Delaware corporation ("Parent"), Unilife Medical Solutions, Inc., a Delaware corporation ("Unimed"), Unitract Syringe Pty Ltd ACN 101 059 723, a company registered in Western Australia ("Unitract"), Unilife Medical Solutions Pty Limited ACN 008 071 403, a company registered in South Australia (the "Australian Intermediate Parent" and collectively with Parent, Unitract, and Unimed, the "Assignors"), and UNL Holdings LLC, a Delaware corporation ("Assignee"). Each of the Assignors and Assignee may be referred to herein individually as a "Party" and collectively as the "Parties."

RECITALS:

The Parties hereby acknowledge that:

A. Each of Parent and Unimed is a debtor-in-possession in pending chapter 11 bankruptcy cases filed pursuant to title 11 of the United States Code, 11 U.S.C. § 101, et seq. in the United States Bankruptcy Court for the District of Delaware (the "Bankruptcy Court").

B. Each of the Assignors and Assignee are parties to that certain Asset Purchase Agreement dated as of July 17, 2017 (the "Purchase Agreement"), approved by the Bankruptcy Court by order entered on July 21, 2017 (the "Sale Order"). Except for terms specifically defined in this Assignment, all capitalized terms used in herein shall have the meanings ascribed to them in the Purchase Agreement.

C. Pursuant to the Purchase Agreement and Sale Order and subject to the terms and provisions thereof, Assignors have agreed to sell to Assignee, and Assignee has agreed to purchase from Assignors, all of Assignors' right, title and interest in and to all of the Purchased Assets (as defined in the Purchase Agreement).

D. The Purchased Assets include, but are not limited to, (a) the United States Letters Patent and Patent Applications and the other patents and patent applications described on Schedule A attached hereto and made a part hereof, including all patents issuing thereon and any extensions and restorations by existing or future extension or restoration mechanisms, including without limitation Supplementary Protection Certificates or the equivalents thereof, renewals, continuations, continuations in part, divisionals, patents of addition, certificates of invention, extensions, substitutions, confirmations, re-registrations, re-examinations, revalidations and/or reissues of any patent, and any foreign counterparts thereof, (b) the other intellectual property and licenses thereof and other assets described on such Schedule A (collectively, the "Patents").

E. In light of the above recitals, each of the Assignors desires to transfer and assign to Assignee, and Assignee desires to accept the transfer and assignment of, all of Assignors' worldwide right, title and interest in, to and under the Patents.

AGREEMENT:

NOW, THEREFORE, for and in consideration of the purchase and sale of the Purchased Assets under the Purchase Agreement and for other good and valuable consideration to Assignors, the sufficiency and receipt of which are hereby acknowledged by Assignors, the Parties agree as follows:

1. Each of the Assignors hereby sells, assigns, and transfers to Assignee, and Assignee hereby accepts the sale, assignment and transfer of, all of such Assignor's worldwide right, title, and interest in and to the Patents, including disclosures relating thereof, all reissues and extensions thereof, and all claims, if any, which may have arisen for infringement thereof prior to the date of this assignment, in the United States of America and in its colonies, territories, and dependencies and also in all countries foreign to the United States of America, the same to be held and enjoyed by said Assignee for its own use, and for the use of its successors, assigns, or other legal representatives to the end of the term or terms for which said Patents may be granted as fully and entirely as the same would have been held and enjoyed by any of such Assignors if this Assignment had not been made.

Except as otherwise expressly set forth in this Assignment, the assignment of Assignors' right, title and interest in, to and under the Patents as set forth herein is "as is and where is" and Assignors make no, and disclaim any, representation or warranty of any kind with respect to the rights, title, and interest being assigned hereunder, including, without limitation, any warranty of merchantability or fitness for a particular purpose, and there is no warranty relating to title, possession, quiet enjoyment, or the like in this disposition.

2. The grant and assignment by the Assignors to Assignee is irrevocable and without any right of any of the Assignors to rescind, terminate or cancel this Assignment, or for any reason to enjoin or prevent or seek to enjoin or prevent the development, use or other exploitation of the Patents.

3. Each of the Assignors hereby authorizes Assignee and its successors to apply for a patent or patents upon any of the inventions described on Schedule A directly in its own name and hereby assigns, sells, transfers and sets over to Assignee and its successors all priority rights.

4. This Assignment has been executed and delivered by each of the Assignors with the agreement that the same may be recorded with the United States Patent and Trademark Office.

5. Each of the Assignors shall, from time to time, execute and deliver to Assignee such additional instruments, documents, conveyances or assurances and take such other action as shall be necessary or otherwise reasonably requested by Assignee to confirm and assure the rights and obligations provided for in the Agreement, render effective the consummation of the transactions contemplated hereby and thereby, more effectively to vest in Assignee beneficial and record title to the interests hereby assigned, and to put Assignee in actual possession and operating control of such interests; *provided, however*, that Assignee shall be responsible for payment in full of all reasonable fees and expenses of any of the Assignors associated therewith.

6. Notwithstanding anything to the contrary herein, each of the Assignors and Assignee are executing and delivering this Assignment in accordance with the Purchase

Agreement and the Sale Order. In the event of any conflict between the terms of this Assignment and the terms of the Purchase Agreement or the Sale Order, the Purchase Agreement or the Sale Order shall control. This Assignment is subject to all of the terms and conditions of the Purchase Agreement and the Sale Order, and does not increase any liabilities or obligations nor decrease any rights or interests of either any of the Assignors or Assignee thereunder.

7. This Assignment may be executed in any number of counterparts, and by the Parties hereto on separate counterparts, but shall not be effective until each Party has executed at least one counterpart. Each counterpart shall constitute an original of this Assignment, but all the counterparts shall together constitute but one and the same instrument. Each counterpart may be delivered by facsimile transmission or portable data format (PDF), which transmission shall be deemed delivery of an originally executed document.

8. This Assignment may not be supplemented, altered, or modified in any manner except by a writing signed by all Parties hereto. The failure by any Party to enforce any terms or provisions of this Assignment shall not waive any of its rights under such terms or provisions. This Assignment shall bind and inure to the benefit of the respective Parties and their assigns, transferees and successors.

9. Nothing herein contained shall be deemed to waive any rights of any Party under the Purchase Agreement or the Sale Order or any other Transaction Document, or to relieve any Party of any of its respective obligations, duties or liabilities described in or arising under any provision of the Purchase Agreement or the Sale Order or any other Transaction Document, including, without limitation, the representations, warranties, covenants and indemnities set forth therein, respectively.

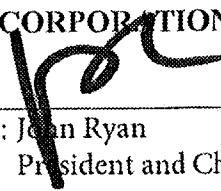
10. This Assignment and any claim related directly or indirectly to this Assignment shall be governed by, and construed in accordance with, the laws of the United States in respect to patent issues and in all other respects by the internal laws of the State of New York, without giving effect to the conflict of laws rules thereof.

[Signature Pages Follow]

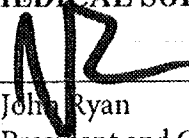
IN WITNESS WHEREOF, the Parties have duly executed this Assignment of Worldwide Patents as of the date first above written.

ASSIGNORS:

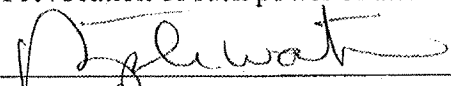
UNILIFE CORPORATION

By: 
Name: Jean Ryan
Title: President and Chief Executive Officer

UNILIFE MEDICAL SOLUTIONS, INC.

By: 
Name: John Ryan
Title: President and Chief Executive Officer

UNITRACT SYRINGE PTY LTD ACN 101 059 723, a company registered in Western Australia, by its duly appointed attorney under power of attorney, who has no notice of revocation of such power of attorney

By: 
Signature of attorney
Name: Stephanie Walters
Date of power of attorney: July 21, 2017

In the presence of:


Signature of witness
Name: Elizabeth A. Bracey

SIGNATURE PAGE TO ASSIGNMENT OF WORLDWIDE PATENTS

UNILIFE MEDICAL SOLUTIONS PTY LIMITED

ACN 008 071 403, a company registered in South Australia, by its duly appointed attorney under power of attorney, who has no notice of revocation of such power of attorney

By: _____

Signature of attorney

Name: Stephanie Walters

Date of power of attorney: July 21, 2017

In the presence of:

Signature of witness

Name: Elizabeth A. Bracey

ASSIGNEE:

UNL Holdings LLC,

a Delaware limited liability company

By: ROS Acquisition Offshore LP,
a Cayman Islands exempt limited partnership,
Its Sole Member

By: OrbiMed Advisors LLC,
Its Investment Manager

By: _____

Name: _____

Title: _____

SIGNATURE PAGE TO ASSIGNMENT OF WORLDWIDE PATENTS

PATENT

REEL: 046467 FRAME: 0193

STATE OF PA)

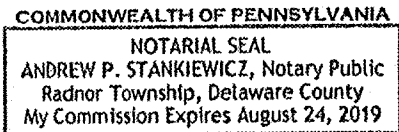
COUNTY OF Montgomery)

On July 24th 2017, before me, Andrew P Stankiewicz Notary Public, personally appeared John C Ryan, who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of PA that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Andrew P Stankiewicz



STATE OF PA)

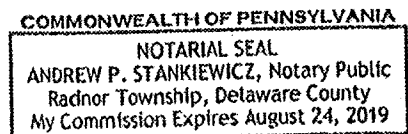
COUNTY OF Montgomery)

On July 24th 2017, before me, Andrew P Stankiewicz Notary Public, personally appeared John C Ryan, who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of PA that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Andrew P Stankiewicz



SIGNATURE PAGE TO ASSIGNMENT OF WORLDWIDE PATENTS

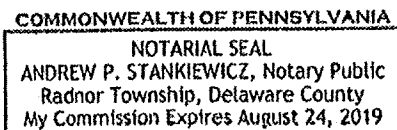
STATE OF PA)

COUNTY OF Montgomery)

On July 24th 2017, before me, Andrew P. Stankiewicz Notary Public, personally appeared Stephanie Waters, who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of PA that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.



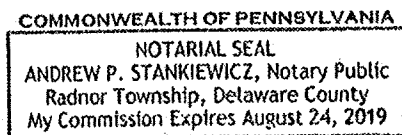
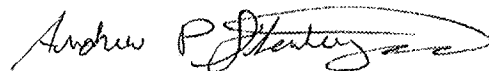
STATE OF PA)

COUNTY OF Montgomery)

On July 24th 2017, before me, Andrew P. Stankiewicz, Notary Public, personally appeared Elizabeth A. Bracey, who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of PA that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.



STATE OF PA)

COUNTY OF Montgomery)

On July 24th 2017, before me, Andrew P Stankiewicz Notary Public, personally appeared Stephanie Walters, who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

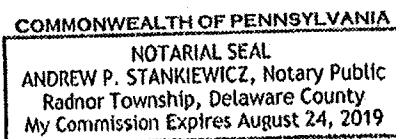
I certify under PENALTY OF PERJURY under the laws of the State of PA that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.



STATE OF PA)

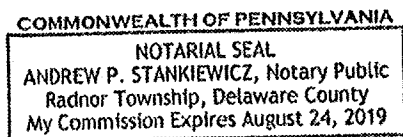
COUNTY OF Montgomery)



On July 24th 2017, before me, Andrew P Stankiewicz Notary Public, personally appeared Elizabeth A. Bacey, who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of PA that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.



UNILIFE MEDICAL SOLUTIONS PTY LIMITED

ACN 008 071 403, a company registered in South Australia, by its duly appointed attorney under power of attorney, who has no notice of revocation of such power of attorney

By: _____

Signature of attorney

Name:

Date of power of attorney:

In the presence of:

Signature of witness

Name:

ASSIGNEE:

UNL Holdings LLC,
a Delaware limited liability company

By: ROS Acquisition Offshore LP,
a Cayman Islands exempt limited partnership,
Its Sole Member

By: OrbiMed Advisors LLC,
Its Investment Manager

By: _____

Name: SAMUEL G. ISALY

Title: MANAGING MEMBER

SIGNATURE PAGE TO ASSIGNMENT OF WORLDWIDE PATENTS

STATE OF _____)

COUNTY OF _____)

On _____, before me, _____, Notary Public, personally appeared _____, who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of _____ that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

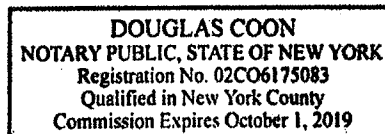
STATE OF New York)

COUNTY OF New York)

On July 24, 2017, before me, Douglas Coon, Notary Public, personally appeared Samuel D. Baly, who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of New York that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.



SIGNATURE PAGE TO ASSIGNMENT OF WORLDWIDE PATENTS

Schedule A

See attached.

Schedule A to Assignment of Worldwide Patents

UNIS REF.	Document	Patent Number or Serial Number	Filing Date	Pre-Grant Publication Number
CN.100	RETRACTABLE SYRINGE			
CN.100.AU	Australia	PATENT 731159	22.09.1998	PG9408
CN.100.US	USA	PATENT 6,083,199	22.09.1998	09/158,633

CN.101	SINGLE USE SYRINGE			
CN.101.WO	International Patent Application	PCT/AU01/000458	20.04.2001	WO 01/80930 (01.11.2001)
CN.101.AU	Australian	PATENT 2001252019	20.04.2001	AU200152019
CN.101.BR	Brazil	PATENT PI 0110368-0	20.04.2001	BR200110368
CN.101.CA	Canada	PATENT 2,408,587	20.04.2001	CA2408587
CN.101.CN	China	PATENT ZL 01808697.7	20.04.2001	CN1429122A - CN1236827
CN.101.EP	Europe	01925194.1		EP1276530A
CN.101.IN	India	PATENT 239341	20.04.2001	
CN.101.ID	Indonesia	WO 02002 02614	20.04.2001	035.615A 20.03.2003
(under China)	Hong Kong	03105302.9	20.04.2001	
CN.101.JP	Japan	PATENT 4891512	20.04.2001	JP2003530974
CN.101.MX	Mexico	PATENT 282184	20.04.2001	MX2002PA010488A
CN.101.NZ	New Zealand	PATENT 622533	20.04.2001	NZ522533A
CN.101.NO	Norway	PATENT 336464	20.04.2001	NO200205092
CN.101.RU	Russia	PATENT 2270033	20.04.2001	RU2002131643
CN.101.SG	Singapore	PATENT 62938	20.04.2001	
CN.101.ZA	South Africa	PATENT 2002/9574	20.04.2002	ZA200209574
CN.101.KR	South Korea	PATENT 0772083	20.04.2001	KR772083
CN.101.US	USA	PATENT 7,509,967	20.04.2001	US2003-0158525 Pub 21-08-03

CN.102	SYRINGE SPRING RETAINER II			
CN.102.WO	International Patent Application	PCT/AU2004/000354	20.03.2004	WO 2004/062747 (30.09.2004)
CN.102.AUP	Priority from AU 2003601301 filed 20.03.2003			
CN.102.AUP1	Priority from AU 2003605090 filed 18.09.2003			
CN.102.AU	Australia	PATENT 2004222676	19.03.2004	AU2004222676
CN.102.CA	Canada	PATENT 2,518,360	19.03.2004	CA2518360
CN.102.CN	China (now includes Hong Kong)	PATENT ZL 200480007595.8	19.03.2004	CN1761497 - CN100479876
(under China)	Hong Kong	PATENT HK1090859	19.03.2004	HK1090859
CN.102.EP	Europe	PATENT 1608421	19.03.2004	EP1608421
CN.102.EP1	Europe - Divisional	13156459.3	19.03.2004	
CN.102.AT	Austria	PATENT E611814	19.03.2004	
CN.102.BE	Belgium	Validated 1608421	19.03.2004	
CN.102.DK	Denmark	PATENT DK/EP 1608421	19.03.2004	
CN.102.FI	Finland	Validated 1608421	19.03.2004	
CN.102.FR	France	Validated 1608421	19.03.2004	
CN.102.DE	Germany	Validated 1608421	19.03.2004	
CN.102.GB	Great Britain	Validated 1608421	19.03.2004	
CN.102.GR	Greece	Validated 1608421	19.03.2004	
CN.102.IE	Ireland	Validated 1608421	19.03.2004	
CN.102.IT	Italy	Validated 1608421	19.03.2004	
CN.102.LU	Luxembourg	Validated 1608421	19.03.2004	
CN.102.MC	Monaco	Validated 1608421	19.03.2004	
CN.102.NL	Netherlands	Validated 1608421	19.03.2004	
CN.102.PT	Portugal	Validated 1608421	19.03.2004	
CN.102.ES	Spain	Validated 1608421	19.03.2004	
CN.102.SE	Sweden	Validated 1608421	19.03.2004	
CN.102.CH	Switzerland/Liechtenstein	Validated 1608421	19.03.2004	
CN.102.TR	Turkey	Validated 1608421	19.03.2004	
CN.102.IN	India	PATENT 228410	19.03.2004	
CN.102.ID	Indonesia	PATENT ID P 0024840	19.03.2004	
CN.102.JP	Japan	PATENT 4652326	19.03.2004	JP2006520219 - JP04652326
CN.102.MX	Mexico	PATENT 257268	19.03.2004	MX2006PA009932
CN.102.NZ	New Zealand	PATENT 542635	19.03.2004	NZ542635
CN.102.SG	Singapore	PATENT 115034	19.03.2004	
CN.102.ZA	South Africa	PATENT 2006-08400	19.03.2004	ZA200608400
CN.102.US	USA	PATENT 8,021,333	19.03.2004	US-2006-0235354 Pub 19-10-06
CN.102.MY	Malaysia	PATENT MY-141268-A	19.03.2004	MY141268
CN.102.TW	Taiwan	PATENT 253944	19.03.2004	TW1253944
CN.102.TH	Thailand	089525	19.03.2004	
CN.102.PE	Peru	PATENT 4890	19.03.2004	PE20050098
CN.102.CL	Chile	PATENT 80.273	19.03.2004	CL8012004
CN.102.AR	Argentina	PATENT AR043668	19.03.2004	AR43668
CN.102.VE	Venezuela	0407-2004	20.03.2004	

CN.105	RETRACTABLE SYRINGE & PLUNGER THEREFOR			
CN.105.AUP	Australian Provisional Patent Application	2004900362	28.01.2004	
CN.105.AUP1	Australian Provisional Patent Application	2004906116	22.10.2004	
CN.105.USB	US Provisional Patent Application	US 60/538,623	22.12.2004	
CN.105.WO	International Patent Application	PCT/AU2005/000107	28.01.2005	WO 2005/072801 (11.08.2005)
CN.105.AU	Australia	PATENT 2005296014	28.01.2005	AU2005209014
CN.105.CA	Canada	PATENT 2,554,196	28.01.2005	CA2554196
CN.105.CN	China	PATENT 731869	28.01.2005	CN1929887A
CN.105.EP	Europe	PATENT 1708772	28.01.2005	EP1708772
CN.105.AT	Austria	PATENT E582657	28.01.2005	EP1708772

Schedule A to Assignment of Worldwide Patents

UNIS REF.	Document	Patent Number or Serial Number	Filing Date	Pre-Grant Publication Number
CN.105.BE	Belgium	PATENT 1708772	28.01.2005	EP1708772
CN.105.DK	Denmark	PATENT DKEP 1708772	28.01.2005	EP1708772
CN.105.FI	Finland	PATENT 1708772	28.01.2005	EP1708772
CN.105.FR	France	PATENT 1708772	28.01.2005	EP1708772
CN.105.DE	Germany	PATENT 602005034821.2	28.01.2005	EP1708772
CN.105.GB	Great Britain	PATENT 1708772	28.01.2005	EP1708772
CN.105.GR	Greece	PATENT 1708772	28.01.2005	EP1708772
CN.105.IE	Ireland	PATENT 1708772	28.01.2005	EP1708772
CN.105.IT	Italy	PATENT 1708772	28.01.2005	EP1708772
CN.105.LU	Luxembourg	PATENT 1708772	28.01.2005	EP1708772
CN.105.MC	Monaco	PATENT 1708772	28.01.2005	EP1708772
CN.105.NL	Netherlands	PATENT 1708772	28.01.2005	EP1708772
CN.105.PT	Portugal	PATENT 1708772	28.01.2005	EP1708772
CN.105.ES	Spain	PATENT 1708772	28.01.2005	EP1708772
CN.105.SE	Sweden	PATENT 1708772	28.01.2005	EP1708772
CN.105.CH	Switzerland	PATENT 1708772	28.01.2005	EP1708772
CN.105.TR	Turkey	PATENT TR 2012 10731 T4	28.01.2005	EP1708772
CN.105.US	USA	PATENT 8,002,745	28.01.2005	US20080255513
CN.105.MY	Malaysia	PATENT MY-147055-A	28.01.2005	
CN.105.TW	Taiwan	PATENT I 290840	28.01.2005	TWI290840
CN.105.TH	Thailand	PATENT 53489	28.01.2005	

CN.110	IMPROVED CONTROLLED RETRACTION SYRINGE			
CN.110.AUP	Australian Provisional Patent Application	2005902392	12.05.2005	
CN.110.AUP1	Amended filing for Provisional Patent	2005904256	08.08.2005	
CN.110.USP	US Provisional Patent Application	US 60/732,777	02.11.2005	Not yet published
CN.110.WO	International Patent Application	PCT/AU2006/000618	12.05.2006	WO2006/119570 (16-11-2006)
	Filed in ~130 PCT countries			
CN.110.AU	Australia	PATENT 2006246309	11.05.2006	AU2006246309
CN.110.CA	Canada	PATENT 2,607,836	11.05.2006	CA2607836
CN.110.CN	China	PATENT ZL200680016383.5	11.05.2007	CN101203258
CN.110.EP	Europe	06721494.0	11.05.2006	EP1879635 (23-01-2008)
CN.110.IN	India	8880/DELNP/2007	11.05.2007	
CN.110.ID	Indonesia	PATENT ID P0026343	11.05.2006	048.1949 A (02-05-2008)
CN.110.ZA	South Africa	PATENT 2007/09607	11.05.2006	ZA200709607
CN.110.US	USA	PATENT 8,114,050	11.05.2007	20090221962
CN.110.MY	Malaysia	PATENT MY-145011-A	11.05.2006	
CN.110.TW	Taiwan	PATENT I 315206	09.05.2006	
CN.110.TH	Thailand	PATENT 37246	12.05.2006	

CN.114	CLINICAL SYRINGE			
CN.114.USP	US Provisional Patent Application	US 61/260,253	11.11.2009	
CN.114.WO	International Patent Application	PCT/AU2010/001504	11.11.2010	WO2011/057334
CN.114.AU	Australia	PATENT 2010317659	11.11.2010	2010317659
CN.114.CA	Canada	2780168	11.11.2010	
CN.114.CN	China	PATENT 201080050897.9	11.11.2010	CN 102695533 (26-09-2012)
CN.114.EP	Europe	10829351.5	11.11.2010	
CN.114.IN	India	1381/KOLNP/2012	11.11.2010	
CN.114.JP	Japan	2012-538141	11.11.2010	2013-510596
CN.114.NZ	New Zealand	PATENT 600455	11.11.2010	
CN.114.ZA	South Africa	PATENT 2012/04048	11.11.2010	
CN.114.US	USA	PATENT 9,254,365	11.11.2010	2013/0060202 (07.03.13)

CN.106	ONE USE SYRINGE WITH RATCHET ON PLUNGER AND PAWL ON BODY			
CN.106.AUP	Australian Provisional Patent Application	2004900363	28.01.2004	
CN.106.WO	International Patent Application	PCT/AU2005/000106	28.01.2005	WO2005/072797 (11.08.2005)
CN.106.AU	Australia	PATENT 2005209013	28.01.2005	AU2005209013
CN.106.CA	Canada	PATENT 2554427	28.01.2005	CA2554427
CN.106.CN	China	PATENT 584670	28.01.2005	CN1933863 - CN100574824
CN.106.EP	Europe	PATENT 1708770	28.01.2005	EP1708770
CN.106.FR	France	PATENT 1708770		
CN.106.DE	Germany	PATENT 1708770		
CN.106.GB	Great Britain	PATENT 1708770		
CN.106.IE	Ireland	PATENT 1708770		
CN.106.IT	Italy	PATENT 1708770		
CN.106.PT	Portugal	PATENT 1708770		
CN.106.US	USA	PATENT 8,052,654	28.01.2005	US20080208143
CN.106.MY	Malaysia	PATENT MY-138413-A	28.01.2005	
CN.106.TW	Taiwan	PATENT I 282743	28.01.2005	TWI282743
CN.106.TH	Thailand	PATENT 41404	28.01.2005	

CN.107	SYRINGE NEEDLE SHEATH			
CN.107.AUP	Australian Provisional Patent Application	2004903915	16.07.2004	
CN.107.USP	US Provisional Patent Application	60/638,504	23.12.2004	Not yet published
CN.107.AUP1	Amendment Filing for Auto Needle Sheath	2005902526	18.05.2005	
CN.107.WO	International Patent Application	PCT/AU2005/001054	18.07.2005	WO2006/007642 (26.01.2006)
CN.107.AU	Australia	PATENT 2005263180	18.07.2005	AU2005263180
CN.107.CN	China	PATENT ZL 200580024023.5	18.07.2005	CN101052430A
CN.107.EP	Europe	05760724.4	18.07.2005	EP1791583 (06.06.2007)

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CN.107.ID	Indonesia	PATENT ID P 0033050 B	18.07.2005	047.1981 (18.05.2007)
CN.107.ZA	South Africa	PATENT 2007/00639	18.07.2005	ZA200700639
CN.107.US	USA	PATENT 7,938,087	18.07.2005	US-2008-0097337-A1
CN.107.US1	USA	PATENT 8,617,122	18.07.2005	US-2011-0190699-A1 (04.08.2011)

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CN.109.AUP1	Australian Provisional Patent Application	2005901893	15.04.2005	
CN.109.AUP2	Australian Provisional Patent Application	2005906768	02.12.2005	
CN.109.WO	International Patent Application	PCT/AU2006/000516	18.04.2006	WO2006/108243 (19.10.2006)
CN.109.AU	Australia	PATENT 2006235224	18.04.2006	AU2006235224
CN.109.AU1	Australian Divisional	PATENT 2010210012	18.04.2006	AU2010210012
CN.109.CA	Canada	PATENT 2804322	18.04.2006	CA2804322
CN.109.CN	China	PATENT 200680019146.7	18.04.2006	CN101203256A (18-08-2008)
CN.109.EP	Europe	PATENT 1868669	18.04.2006	EP1868669 (26.12.2007)
CN.109.FR	France	PATENT 1868669		
CN.109.DE	Germany	PATENT 602006050808.0		
CN.109.GB	Great Britain	PATENT 1868669		
CN.109.IE	Ireland	PATENT 1868669		
CN.109.IT	Italy	PATENT 1868669		
CN.109.PT	Portugal	PATENT 1868669		
CN.109.IN	India	PATENT 280799	18.04.2007	
CN.109.ID	Indonesia	PATENT ID P 0024625	18.04.2006	
CN.109.JP	Japan	PATENT 5436862	18.04.2006	JP2008 535589 (04-09-2008)
CN.109.JP1	Japan - Divisional	PATENT 5676006	18.04.2006	2012-210456 (01.11.2012)
CN.109.ZA	South Africa	PATENT 2007/08653	18.04.2006	ZA200708653
CN.109.US	USA	PATENT 8,167,837	18.04.2006	US20090093759

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CN.111.WO	International Patent Application	PCT/AU2008/000971	02.07.2008	WO2009/003234 A1 (08.01.2009)
CN.111.AU	Australia	PATENT 2008271920	02.07.2008	AU2008271920
CN.111.AU1	Australia - Divisional	PATENT 2011250720	02.07.2008	
CN.111.BR	Brazil	PI0812986-0		2293
CN.111.CA	Canada	PATENT 2,692,668	30.12.2009	
CN.111.CA1	Canada	PATENT 2,838,559	02.07.2008	
CN.111.CN	China	PATENT 200880021389.0	02.07.2008	CN 101730558 (09-06-2010)
CN.111.CN1	China - Divisional	PATENT 201310043623.2	02.07.2008	CN103182115A
CN.111.EP	Europe	PATENT 2162173	02.07.2008	EP2162173
CN.111.AT	Austria	PATENT E7763242	02.07.2008	EP2162173
CN.111.BE	Belgium	PATENT 2162173	02.07.2008	EP2162173
CN.111.DK	Denmark	PATENT 2162173	02.07.2008	EP2162173
CN.111.FI	Finland	PATENT 2162173	02.07.2008	EP2162173
CN.111.FR	France	PATENT 2162173	02.07.2008	EP2162173
CN.111.DE	Germany	PATENT DE602006042504.5	02.07.2008	EP2162173
CN.111.GB	Great Britain	PATENT 2162173	02.07.2008	EP2162173
CN.111.IE	Ireland	PATENT 2162173	02.07.2008	EP2162173
CN.111.IT	Italy	PATENT 2162173	02.07.2008	EP2162173
CN.111.LU	Luxembourg	PATENT 2162173	02.07.2008	EP2162173
CN.111.MC	Monaco	PATENT 2162173	02.07.2008	EP2162173
CN.111.NL	Netherlands	PATENT 2162173	02.07.2008	EP2162173
CN.111.PT	Portugal	PATENT 2162173	02.07.2008	EP2162173
CN.111.ES	Spain	PATENT 2162173	02.07.2008	EP2162173
CN.111.SE	Sweden	PATENT 2162173	02.07.2008	EP2162173
CN.111.CH	Switzerland	PATENT 2162173	02.07.2008	EP2162173
CN.111.HK	Hong Kong	PATENT HK1143770	01.07.2008	1143770A (14.01.2010)
CN.111.HK1	Hong Kong	PATENT HK1186691	02.07.2008	1186691A (21.03.2014)
CN.111.IN	India	PATENT 276808	30.12.2009	
CN.111.ID	Indonesia	WO0200903539	02.07.2008	050.0844 A (01.04.2010)
CN.111.ID1	Indonesia - Divisional	WO0201205165	02.07.2008	
CN.111.IL	Israel	PATENT 202736	02.07.2008	IL202736
CN.111.JP	Japan	PATENT 5192543	02.07.2008	JP2010-531679 (30.09.2010)
CN.111.JP1	Japan - Divisional	PATENT 5627645	02.07.2008	2012-176315
CN.111.MY	Malaysia	PATENT MY-152618	02.07.2008	31.10.2014
CN.111.MY1	Malaysia - Divisional	PATENT MY-157157-A	02.07.2008	
CN.111.MX	Mexico	PATENT 300441	02.07.2008	
CN.111.MX1	Mexico - Divisional	MX/a/2012/004434	02.07.2008	

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CN.111.NZ1	New Zealand - Divisional	PATENT 595031	06.09.2011	
CN.111.RU	Russian Federation	PATENT 2450834	02.07.2008	RU 2010103265
CN.111.SG	Singapore	PATENT 157665	02.07.2008	
CN.111.SG1	Singapore - Divisional	PATENT 181342	02.07.2008	
CN.111.ZA	South Africa	PATENT 2009/09165	01.07.2008	
CN.111.ZA1	South Africa - Divisional Applic for Plunge	PATENT 2011/01518	02.07.2008	
CN.111.KR	South Korea	PATENT 10-1230434	02.07.2008	KR2010047223 (07-05-2010)
CN.111.KR1	South Korea - Divisional	10-2012-7025746	28.09.2012	10-2012-0127738 (23-11-2012)
CN.111.US	USA	PATENT 8,361,035	02.07.2008	US20110015572-A1 (20.01.2011)
CN.111.US2	USA - Divisional	PATENT 8,636,466	02.07.2008	US20130338602
CN.111.TH	Thailand	0801003413	02.07.2008	106106 (24-02-2011)
CN.111.TW	Taiwan	PATENT I 415646	01.07.2008	

CN.115	RETRACTABLE SYRINGE WITH IMPROVED DELIVERY EFFICIENCY AND LOCKING SYSTEM			
CN.115.USP	US Provisional Patent Application	61/289,259	22.12.2009	
CN.115.WO	International Patent Application	PCT/AU2010/001677	10.12.2010	WO2011/075760 A1 (30.06.2011)
CN.115.AU	Australia	PATENT 2010336003	10.12.2010	
CN.115.AU1	Australia	PATENT 2014218378	10.12.2010	
CN.115.BR	Brazil	1120120155202	10.12.2010	
CN.115.CA	Canada	2784437	10.12.2010	
CN.115.CN	China	PATENT 201080058498.7	10.12.2010	CN 102791312 A
(under China)	Hong Kong	PATENT HK1175723	10.12.2010	1175723A (12.07.2013)
CN.115.EP	Europe	PATENT 2515976	10.12.2010	EP2515976
CN.115.AT	Austria	PATENT 2515976	10.12.2010	EP2515976
CN.115.BE	Belgium	PATENT 2515976	10.12.2010	EP2515976
CN.115.DK	Denmark	PATENT 2515976	10.12.2010	EP2515976
CN.115.FI	Finland	PATENT 2515976	10.12.2010	EP2515976
CN.115.FR	France	PATENT 2515976	10.12.2010	EP2515976
CN.115.DE	Germany	PATENT 602010026125.5	10.12.2010	EP2515976
CN.115.GB	Great Britain	PATENT 2515976	10.12.2010	EP2515976
CN.115.IE	Ireland	PATENT 2515976	10.12.2010	EP2515976
CN.115.IT	Italy	PATENT 2515976	10.12.2010	EP2515976
CN.115.LU	Luxembourg	PATENT 2515976	10.12.2010	EP2515976
CN.115.MC	Monaco	PATENT 2515976	10.12.2010	EP2515976
CN.115.NL	Netherlands	PATENT 2515976	10.12.2010	EP2515976
CN.115.PT	Portugal	PATENT 2515976	10.12.2010	EP2515976
CN.115.ES	Spain	PATENT 2515976	10.12.2010	EP2515976
CN.115.SE	Sweden	PATENT 2515976	10.12.2010	EP2515976
CN.115.CH	Switzerland	PATENT 2515976	10.12.2010	EP2515976
CN.115.EP1	Europe - Divisional	15162052.3	31.03.2015	2918302
CN.115.IN	India	1564/KOLNP/2012	10.12.2010	
CN.115.ID	Indonesia	PATENT IDP000038543	10.12.2010	2013/00240 (28.02.2013)
CN.115.IL	Israel	PATENT 220366	10.12.2010	
CN.115.IL1	Israel	PATENT 239050	10.12.2010	
CN.115.JP	Japan	PATENT 5785190	10.12.2010	2013-514844 (02.05.2013)
CN.115.JP1	Japan	PATENT 6076956	10.12.2010	2015-083147
CN.115.MX	Mexico	PATENT 333123	10.12.2010	
CN.115.MX1	Mexico - Divisional	MX/a/2015/007427	10.12.2010	
CN.115.NZ	New Zealand	PATENT 601140	10.12.2010	
CN.115.NZ2	New Zealand	PATENT 623067	10.12.2010	
CN.115.SG	Singapore	PATENT 181849	10.12.2010	
CN.115.ZA	South Africa	PATENT 2012/04653	10.12.2010	
CN.115.KR	South Korea	10-2012-7019228	10.12.2010	10-2012-0120250 (01.11.2012)
CN.115.US	USA	PATENT 8,945,048	10.12.2010	
CN.115.US1	USA	14/577,262	10.12.2010	US20150141936
CN.115.TW	Taiwan	PATENT I494145	14.12.2010	
CN.115.TW1	Taiwan	PATENT I520757	14.12.2010	
CN.115.TH	Thailand	1201003024	10.12.2010	128937 (14.11.2013)

CN.113	VACCINATION SYRINGE			
CN.113.USP	US Provisional Patent Application	61/260,252	11.11.2009	
CN.113.WO	International Patent Application	PCT/AU2010/001505	11.11.2010	WO2011/057335 A1 (19.05.2011)
CN.113.AU	Australia	PATENT 2010317660	11.11.2010	
CN.113.AU1	Australia - Divisional	PATENT 2014200807	11.11.2010	
CN.113.BR	Brazil	1120120112074	11.11.2010	
CN.113.CA	Canada	2779731	11.11.2010	
CN.113.CN	China	PATENT 201080050871.4	11.11.2010	CN 102725014 A (10-10-2012)
(under China)	Hong Kong		11.11.2010	
CN.113.EP	Europe	10829352.3	11.11.2010	2498844
CN.113.IN	India	1382/KOLNP/2012	11.11.2010	
CN.113.JP	Japan	PATENT 6054744	11.11.2010	2013-510597
CN.113.JP1	Japan - Divisional	2015-159816	11.11.2010	2015-192925
CN.113.MX	Mexico	MX/a/2012/005454	11.11.2010	
CN.113.NZ	New Zealand	PATENT 600456	11.11.2010	
CN.113.SG	Singapore	PATENT 180014	11.11.2010	
CN.113.SG1	Singapore	10201407195W	11.11.2010	
CN.113.ZA	South Africa	PATENT 2012/04050	11.11.2010	
CN.113.US	USA	PATENT 9,302,056	11.11.2010	2013/0060191 (07.03.13)

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CN.113.TW	Taiwan	PATENT I564049	11.11.2010	

CN.150	RETAINER FOR REPLACEABLE NEEDLE ASSEMBLIES AND SYRINGES			
CN.150.USP	US Provisional Patent Application	61/863,113	07.08.2013	WO2015/021236
CN.150.PCT	International Patent Application	PCT/US2014/050066	07.08.2014	
CN.150.AU	Australia	2014305897	07.08.2014	
CN.150.BR	Brazil	BR 11 2016 002043-0	07.08.2014	CN 105473174A
CN.150.CA	Canada	2920509	07.08.2014	
CN.150.CN	China	201480044469.3	07.08.2014	
CN.150.EP	Europe	14752754.3	07.08.2014	3030291
CN.150.HK	Hong Kong	16114302.6	15.12.2016	2016-531667
CN.150.IN	India	201647006172	07.08.2014	
CN.150.JP	Japan	2016-533426	07.08.2014	
CN.150.MX	Mexico	MX/a/2016/001554	07.08.2014	2016/0175540
CN.150.SG	Singapore	11201600429U	07.08.2014	
CN.150.ZA	South Africa	2016/00623	07.08.2014	
CN.150.KR	South Korea	2016-7005083	07.08.2014	
CN.150.US	United States	14/907,964	07.08.2014	

CN.172	SELECTABLE NEEDLE SYRINGE WITH RETRACTION PLUNGER			
CN.172.USP	US Provisional Patent Application	61/934,963	03.02.2014	WO2015/117135
CN.172.PCT	International Patent Application	PCT/US2015/014260	03.02.2015	
CN.172.EP	Europe	15742855.8	03.02.2015	
CN.172.US	United States	15/115,898	03.02.2015	

CN.116	SYRINGE BARREL ADAPTER AND NEEDLE ASSEMBLY			
CN.116.USP	US Provisional Patent Application	61/331,197	14.05.2010	WO2011/137488 (10.11.2011)
CN.116.WO	International Patent Application	PCT/AU2011/000515	04.05.2011	
CN.116.AU	Australia	PATENT 2011250654	04.05.2011	
CN.116.BR	Brazil	1120120280384	04.05.2011	CN 102869398 A (09.01.2013)
CN.116.CA	Canada	2797207	04.05.2011	
CN.116.CN	China	PATENT 201180022073.5	04.05.2011	
(under China)	Hong Kong	HK1179192	04.05.2011	1179192A (27.10.2013)
CN.116.EP	Europe	11777028.9	04.05.2011	2571552
CN.116.IN	India	3516/KOLNP/2012	04.05.2011	2013-525038 (20.06.2013)
CN.116.IL	Israel	PATENT 222478	04.05.2011	
CN.116.JP	Japan	PATENT 5997135	04.05.2011	
CN.116.JP1	Japan - Divisional	2016-45811	04.05.2011	2016-128043
CN.116.MX	Mexico	PATENT 341512	04.05.2011	10-2013-0066628 (20.06.2013)
CN.116.NZ	New Zealand	PATENT 603794	04.05.2011	
CN.116.ZA	South Africa	PATENT 2012/08659	04.05.2011	
CN.116.KR	South Korea	10-2012-7031606	04.05.2011	2013/0102973 (25.04.2013)
CN.116.US	USA	PATENT 9,352,104	04.05.2011	
CN.116.TW	Taiwan	PATENT I556807	04.05.2011	

CN.127	IMPROVED SYRINGE BARREL ADAPTER, NEEDLE ASSEMBLY AND PLUNGER THEREFOR			
CN.127.USP	US Provisional Patent Application	61/557,792	09.11.2011	WO 2013/067588 (16.05.2013)
CN.127.WO	International Patent Application	PCT/AU2012/001376	09.11.2012	
CN.127.AU	Australia	PATENT 2012334816	09.11.2012	
CN.127.BR	Brazil	1120140111022	09.11.2012	CN 103945884 A
CN.127.CA	Canada	2854648	09.11.2012	
CN.127.CN	China	PATENT 201280055139.5	09.11.2012	
CN.127.EP	Europe	12847776.7	09.11.2012	1196309A
CN.127.HK	Hong Kong	14109764.9	09.11.2012	
CN.127.IN	India	1085/KOLNP/2014	09.11.2012	
CN.127.JP	Japan	2014-540273	09.11.2012	2014-532529
CN.127.JP1	Japan - Divisional	2016-157400	09.11.2012	2016-187719
CN.127.MX	Mexico	MX/a/2014/005491	09.11.2012	US20140330217
CN.127.NZ	New Zealand	PATENT 624467	09.11.2012	
CN.127.SG	Singapore	PATENT 11201402110V	09.11.2012	
CN.127.ZA	South Africa	PATENT 2014/03639	09.11.2012	201330895
CN.127.US	USA	PATENT 9,604,010	09.11.2012	
CN.127.TW	Taiwan	PATENT I544943	09.11.2012	

CN.112	SYRINGE ADAPTER - Adapter to fit particulate filter to 1mL Safe Syringe			
CN.112.AUP	Australian Provisional Patent Application	2009902776	17.06.2009	WO 2010/144957 A1 (23.12.2010)
CN.112.WO	International Patent Application	PCT/AU2010/000743	16.06.2010	
CN.112.AU	Australia	PATENT 2010262752	16.06.2010	
CN.112.CA	Canada	2762847	16.06.2010	CN 102802701 A
CN.112.CN	China	PATENT 201080025669.6	16.06.2010	
CN.112.EP	Europe	PATENT 2442853	16.06.2010	
CN.112.DE	Germany	PATENT 602010040433.1	16.06.2010	2442853 (25.04.2012)
CN.112.FR	France	PATENT 2442853		
CN.112.GB	Great Britain	PATENT 2442853		
CN.112.IN	India	4836/KOLNP/2011	16.06.2010	2012-529932 (29.11.2012)
CN.112.JP	Japan	PATENT 6027891	16.06.2010	
CN.112.JP1	Japan	2015-126689	16.06.2010	

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CN.112.ZA	South Africa	PATENT 2011/08674	16.06.2010	
CN.112.US	USA	PATENT 8,799,313	16.06.2010	US2012130317

CN.151	VIAL ADAPTERS			
CN.151.USD	US Provisional Patent Application	617738,151	17.12.2012	
CN.151.PCT	International Patent Application	PCT/US2013/073293	05.12.2013	WO2014099385
CN.151.AU	Australia	2013383552	05.12.2013	
CN.151.BR	Brazil	BR112015010866-5	05.12.2013	
CN.151.CA	Canada	2892679	05.12.2013	
CN.151.CN	China	201380064189.4	05.12.2013	CN104884028A
CN.151.EP	Europe	PATENT 2931307	05.12.2013	EP2931207
CN.151.DE	Germany	PATENT 602013021055.4		
CN.151.FR	France	PATENT 2931307		
CN.151.GB	Great Britain	PATENT 2931307		
CN.151.IL	Israel	237923	05.12.2013	
CN.151.IN	India	1666/MUMNP/2015	05.12.2013	
CN.151.JP	Japan	2015-547419	05.12.2013	2015-536798
CN.151.MX	Mexico	MX/a/2015/004193	05.12.2013	
CN.151.US	USA	14/436,389	05.12.2013	US20150255500
CN.151.SG	Singapore	11201501947R	05.12.2013	
CN.151.ZA	South Africa	2015/04212	05.12.2013	
CN.151.TW	Taiwan	102146554	17.12.2013	

RC.118	DUAL-CHAMBER MIXING DEVICE FOR A SYRINGE			
RC.118.USD	US Provisional Patent Application	US 61/515,554	05.08.2011	
RC.118.PCT	International Patent Application	PCT/AU2012/009825	03.08.2012	WO201302170
RC.118.US	USA	PATENT 9,205,194	03.08.2012	US2013035684
RC.118.US1	USA - Continuation	14/920,069	22.10.2015	
RC.118.AU	Australia	PATENT 2012292953	03.08.2012	
RC.118.CA	Canada	2642077	03.08.2012	
RC.118.CN	China	201280037704.5	03.08.2012	
RC.118.HK	Hong Kong	14106599.6	03.08.2012	1193057A
RC.118.EP	Europe	12621852.6	03.08.2012	
RC.118.IN	India	75/KOLNP/2014	03.08.2012	
RC.118.JP	Japan	2014-523148	03.08.2012	2014-521448
RC.118.BR	Brazil	1120140028028	03.08.2012	
RC.118.IL	Israel	230485	03.08.2012	
RC.118.TW	Taiwan	PATENT 1564047	03.08.2012	

RC.120	AUTOMATIC RECONSTITUTION FOR DUAL CHAMBER SYRINGE			
RC.120.USD	US Provisional Patent Application	US 61/530,765	02.09.2011	
RC.120.PCT	International Patent Application	PCT/AU2012/001029	31.08.2012	WO 2013/029113
RC.120.US	USA	13/599,013	30.08.2012	US2013060232
RC.120.AU	Australia	PATENT 2012304196	31.08.2012	
RC.120.CA	Canada	2843477	31.08.2012	
RC.120.CN	China	PATENT 201260242201.6	31.08.2012	
RC.120.EP	Europe	12828415.5	31.08.2012	EP2750733 A4
RC.120.IN	India	243/KOLNP/2014	31.08.2012	
RC.120.JP	Japan	PATENT 6023199	31.08.2012	2014-525295
RC.120.BR	Brazil	1120140050708	31.08.2012	2413
RC.120.IL	Israel	230785	31.08.2012	
RC.120.TW	Taiwan	PATENT 1543766	31.08.2012	201315498

RC.152	COMBINATION PLUNGER FOR DUAL CHAMBER MIXING SYRINGE			
RC.152.USD	US Provisional Patent Application	US 61/731,072	30.11.2012	
RC.152.PCT	International Patent Application	PCT/US2013/070494	16.11.2013	WO2014085118
RC.152.AU	Australia	2013363059	18.11.2013	
RC.152.CA	Canada	2892088	18.11.2013	
RC.152.EP	Europe	13799451.3	18.11.2013	2925391
RC.152.JP	Japan	2013-545885	18.11.2013	
RC.152.US	United States	14/648,376	18.11.2013	US20150320935
RC.152.TW	Taiwan	102143401	28.11.2013	

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UNIS REF.	Document	Patent Number or Serial Number	Filing Date	Pre-Grant Publication Number
RC.162	ACTUATION MECHANISMS FOR DUAL CHAMBER MIXING SYRINGES			
RC.162.USP	US Provisional Patent Application	US 61/691,017	04.06.2013	
RC.162.PCT	International Patent Application	PCT/US2014/040917	04.06.2014	WO2014197602
RC.162.US	USA	PATENT 9,539,393	04.06.2014	2014-0358091
RC.162.US1	USA - Continuation	15/363,924	28.11.2016	
RC.162.AU	Australia	2014274972	04.06.2014	
RC.162.BR	Brazil	BR 11 2015 030329-3	04.06.2014	
RC.162.CA	Canada	2914028	04.06.2014	
RC.162.CN	China	201480032107.2	04.06.2014	CN 105517603
RC.162.EP	Europe	14734684.5	04.06.2014	EP3003437
RC.162.IL	Israel	242786	04.06.2014	
RC.162.IN	India	8043/CHENP/2015	04.06.2014	8043/CHENP/2016 A
RC.162.JP	Japan	2016-517964	04.06.2014	
RC.171	SPRAY CONFIGURATIONS FOR DUAL CHAMBER MIXING SYRINGES			
RC.171.USP	US Provisional Patent Application	61/933,502	30.01.2014	
RC.171.PCT	International Patent Application	PCT/US15/13791	30.01.2015	WO2015/116941
RC.171.EP	Europe	15703860.5	30.01.2015	EP3099765
RC.171.US	USA	15/114,697	30.01.2015	US20160346747

PS 121	INSERTION MECHANISM FOR A DRUG DELIVERY PUMP			
PS 121.USP	US Provisional Patent Application	US 61/530,774	02.09.2011	WO201333421
PS 121.PCT	International Patent Application	PCT/US2012/053174	30.08.2012	
PS 121.US	USA	PATENT 9,611,189	30.08.2012	US20130060233
PS 121.US1	USA - Continuation	15/369,125	05.12.2016	
PS 121.AU	Australia	PATENT 2012301834	30.08.2012	CN 104245017 A
PS 121.CA	Canada	2,845,379	30.08.2012	
PS 121.CN	China	201280040765.7	30.08.2012	1191595A
PS 121.EP	Europe	12769316.8	30.08.2012	
PS 121.HK	Hong Kong	14104875.6	30.08.2012	2420/CHENP/2014A
PS 121.IN	India	2420/CHENP/2014	30.08.2012	
PS 121.JP	Japan	PATENT 6130377	30.08.2012	2014-531922
PS 121.BR	Brazil	BR 11 2014 004960-2	30.08.2012	
PS 121.IL	Israel	230971	30.08.2012	201315497
PS 121.MX	Mexico	MX/a/2014/002345	30.08.2012	
PS 121.TW	Taiwan	101131744	31.08.2011	

PS 122	CONTROLLED DELIVERY FROM SYRINGE OR RESERVOIR			
PS 122.USP	US Provisional Patent Application	US 61/530,779	02.09.2011	WO2014036239
PS 122.USP2	US Provisional Patent Application	US 61/694,534	29.08.2012	
PS 122.PCT	International Patent Application	PCT/US2013/057259	29.08.2013	CN 104840584 A
PS 122.AU	Australia	2013308699	29.08.2013	
PS 122.BR	Brazil	11 2015 003694-5	29.08.2013	2890431
PS 122.CA	Canada	2,881,839	29.08.2013	
PS 122.CN	China	201380045206.2	29.08.2013	3028727
PS 122.EP	Europe	PATENT 2890431	29.08.2013	
PS 122.AT	Austria	PATENT 2890431	29.08.2013	1701/CHENP/2015A
PS 122.BE	Belgium	PATENT 2890431	29.08.2013	
PS 122.DK	Denmark	PATENT 2890431	29.08.2013	US20150295505
PS 122.FI	Finland	PATENT 2890431	29.08.2013	
PS 122.FR	France	PATENT 2890431	29.08.2013	
PS 122.DE	Germany	PATENT 2890431	29.08.2013	
PS 122.GB	Great Britain	PATENT 2890431	29.08.2013	
PS 122.IE	Ireland	PATENT 2890431	29.08.2013	
PS 122.IT	Italy	PATENT 2890431	29.08.2013	
PS 122.LU	Luxembourg	PATENT 2890431	29.08.2013	
PS 122.MC	Monaco	PATENT 2890431	29.08.2013	
PS 122.NL	Netherlands	PATENT 2890431	29.08.2013	
PS 122.PT	Portugal	PATENT 2890431	29.08.2013	
PS 122.ES	Spain	PATENT 2890431	29.08.2013	
PS 122.SE	Sweden	PATENT 2890431	29.08.2013	
PS 122.CH	Switzerland	PATENT 2890431	29.08.2013	
PS 122.EP1	Europe - Divisional	16151332.0	14.01.2016	
PS 122.AT1	Austria	PATENT 3028727	28.08.2013	
PS 122.BE1	Belgium	PATENT 3028727		
PS 122.DK1	Denmark	PATENT 3028727	29.08.2013	
PS 122.FI1	Finland	PATENT 3028727		
PS 122.FR1	France	PATENT 3028727	29.08.2013	
PS 122.DE1	Germany	PATENT 3028727		
PS 122.GB1	Great Britain	PATENT 3028727	29.08.2013	
PS 122.IE1	Ireland	PATENT 3028727		
PS 122.IT1	Italy	PATENT 3028727	29.08.2013	
PS 122.LU1	Luxembourg	PATENT 3028727		
PS 122.MC1	Monaco	PATENT 3028727	29.08.2013	
PS 122.NL1	Netherlands	PATENT 3028727		
PS 122.PT1	Portugal	PATENT 3028727	29.08.2013	
PS 122.ES1	Spain	PATENT 3028727		
PS 122.SE1	Sweden	PATENT 3028727	29.08.2013	
PS 122.CH1	Switzerland	PATENT 3028727		
PS 122.EP2	Europe	17102567.4	29.08.2013	
PS 122.HK	Hong Kong	15108619.7		
PS 122.IL	Israel	236958	29.08.2013	
PS 122.IN	India	1701/CHENP/2015		
PS 122.JP	Japan	2015-630031	29.08.2013	
PS 122.KR	South Korea	2015-7007806		
PS 122.MX	Mexico	MX/a/2015/002860	29.08.2013	
PS 122.US	United States	14/423,529		

PS 123	DRIVE MECHANISM FOR DRUG DELIVERY PUMPS WITH INTEGRATED STATUS INDICATION			
PS 123.USP	US Provisional Patent Application	US 61/530,788	02.09.2011	WO2013033467
PS 123.PCT	International Patent Application	PCT/US2012/053241	30.08.2012	

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UNIS REF.	Document	Patent Number or Serial Number	Filing Date	Pre-Grant Publication Number
PS.123.US	USA	PATENT 8,939,935	30.08.2012	US20130060196
PS.123.US1	USA	14/605,287	30.08.2012	US20150141920
PS.123.USD	USA - DESIGN	PATENT D745142	26.04.2013	
PS.123.USD1	USA - DESIGN	PATENT D768288	06.04.2015	
PS.123.AU	Australia	2012301784	30.08.2012	
PS.123.AU1	Australia	2017203138	11.05.2017	
PS.123.CA	Canada	2,845,367	30.08.2012	
PS.123.CN	China	201280041853.9	30.08.2012	
PS.123.CN1	China - Divisional	201611071268.X	29.11.2016	
PS.123.EP	Europe	12759575.9	30.08.2012	
PS.123.HK	Hong Kong	14104971.9	30.08.2012	1191597A
PS.123.IN	India	2283/CHENP/2014	30.08.2012	
PS.123.JP	Japan	2014-528618	30.08.2012	
PS.123.BR	Brazil	BR 11 2014 004530-5	30.08.2012	
PS.123.IL	Israel	231125	30.08.2012	
PS.123.MX	Mexico	MX/a/2014/002439	30.08.2012	
PS.123.TW	Taiwan	PATENT I541041	31.08.2012	201315503
PS.123.TW1	Taiwan - Divisional	105117185	01.06.2016	

PS.124	STERILE FLUID PATHWAY CONNECTION TO DRUG CONTAINERS FOR DRUG DELIVERY PUMPS			
PS.124.USP	US Provisional Patent Application	US 61/534,059	13.09.2011	
PS.124.PCT	International Patent Application	PCT/US2012/054861	12.09.2012	WO2013040032
PS.124.US	USA	PATENT 9,707,337	12.09.2012	US20130066274
PS.124.US1	USA	15/651,507	17.07.2017	
PS.124.AU	Australia	2012308764	12.09.2012	
PS.124.CA	Canada	2,845,384	12.09.2012	
PS.124.CN	China	201280041852.4	12.09.2012	CN 104136055 A
PS.124.HK	Hong Kong	PATENT 1191594	12.09.2012	1191594A
PS.124.HK1	Hong Kong	16111568.2	12.09.2012	
PS.124.EP	Europe	PATENT 2731643	12.09.2012	
PS.124.EP1	Europe - Divisional	15201292.8	12.09.2012	3011987
PS.124.IN	India	2737/CHENP/2014	12.09.2012	2737/CHENP/2014 A
PS.124.JP	Japan	2014-529982	12.09.2012	
PS.124.JP1	Japan - Divisional	2017-129458	30.06.2017	
PS.124.BR	Brazil	BR 11 2014 005482-7	12.09.2012	
PS.124.IL	Israel	231236	12.09.2012	
PS.124.MX	Mexico	MX/a/2014/002657	12.09.2012	
PS.124.TW	Taiwan	101133433	13.09.2012	

PS.132	CONTROLLED DELIVERY DRIVE MECHANISMS FOR DRUG DELIVERY PUMPS			
PS.132.USP	US Provisional Patent Application	61/748,667	03.01.2013	
PS.132.USP2	US Provisional Patent Application	61/748,667	03.01.2013	
PS.132.PCT	International Patent Application	PCT/US2013/057367	29.08.2013	WO2014036308
PS.132.AU	Australia	2013308678	29.08.2013	
PS.132.BR	Brazil	11 2015 003205-2	29.08.2013	
PS.132.CA	Canada	2,881,306	29.08.2013	
PS.132.CN	China	201380044522.5	29.08.2013	CN 104582755 A
PS.132.EP	Europe	13763364.0	29.08.2013	2890433
PS.132.HK	Hong Kong	16100014.4	29.08.2013	1211885A
PS.132.IL	Israel	236997	29.08.2013	
PS.132.IN	India	1719/CHENP/2015	29.08.2013	1719/CHENP/2015A
PS.132.JP	Japan	2015-530058	29.08.2013	
PS.132.KR	South Korea	2015-7007796	29.08.2013	
PS.132.MX	Mexico	MX/a/2015/002662	29.08.2013	
PS.132.US	United States	14/423,599	29.08.2013	US20150297827

PS.134	FILL FINISH ADAPTERS FOR STERILE FLUID PATHWAY ASSEMBLIES			
PS.134.USP	US Provisional Patent Application	US 61/609,745	12.03.2012	
PS.134.PCT	International Patent Application	PCT/US2013/030624	12.03.2013	WO2013138392
PS.134.US	USA	13/798,037	12.03.2013	US20130237916
PS.134.AU	Australia	2013232259	12.03.2013	
PS.134.BR	Brazil	BR112014022341-6	12.03.2013	
PS.134.CA	Canada	2,866,843	12.03.2013	
PS.134.CN	China	201380013926.8	12.03.2013	CN 104470559 A
PS.134.EP	Europe	13714745	12.03.2013	2825226
PS.134.HK	Hong Kong	15102876.8	12.03.2013	1202463A
PS.134.IL	Israel	234211	12.03.2013	
PS.134.IN	India	6709/CHENP/2014	12.03.2013	6709/CHENP/2014A
PS.134.JP	Japan	2015-500532	12.03.2013	
PS.134.KR	South Korea	2014-7025365	12.03.2013	
PS.134.MX	Mexico	MX/a/2014/010944	12.03.2013	

PS.139	CONFIGURABLE RESTRICTION PLATES FOR MICROFLUIDIC PATHWAYS AND DRUG DELIVERY PUMPS UTILIZING THE SAME			
PS.139.USP	US Provisional Patent Application	61/756,556	25.01.2013	
PS.139.PCT	International Patent Application	PCT/US2014/013019	24.01.2014	WO2014/116998
PS.139.AU	Australia	2014209195	24.01.2014	
PS.139.CA	Canada	2,899,370	24.01.2014	
PS.139.CN	China	201480006217.1	24.01.2014	CN 104955502 A
PS.139.EP	Europe	14705620.4	24.01.2014	2948203

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UNIS REF.	Document	Patent Number or Serial Number	Filing Date	Pre-Grant Publication Number
PS.139.US	USA	14/761,853	24.01.2014	US20150359965
PS.143 VENTED FLUID PATHWAY SYSTEMS AND DRUG DELIVERY DEVICES UTILIZING THE SAME				
PS.143.USP	US Provisional Patent Application	US 61/670,203	11.07.2012	WO2014/011879
PS.143.PCT	International Patent Application	PCT/US2013/050075	11.07.2013	
PS.143.AU	Australia	2013290144	11.07.2013	
PS.143.AU1	Australia	2017203997	11.07.2013	CN 104470566 A 2872203
PS.143.BR	Brazil	11 2015 000541-1	11.07.2013	
PS.143.CA	Canada	2,878,716	11.07.2013	
PS.143.CN	China	201380037193.1	11.07.2013	709/CHENP/2015A
PS.143.EP	Europe	13742773.8	11.07.2013	
PS.143.IL	Israel	236124	11.07.2013	
PS.143.IN	India	709/CHENP/2015	11.07.2013	US20150190588
PS.143.JP	Japan	2015-521807	11.07.2013	
PS.143.KR	South Korea	2015-7003360	11.07.2013	
PS.143.MX	Mexico	MX/a/2015/000317	11.07.2013	
PS.143.US	United States	14/413,120	11.07.2013	
PS.147 VARIABLE RATE CONTROLLED DELIVERY DRIVE MECHANISMS FOR DRUG DELIVERY PUMPS				
PS.147.USP	US Provisional Patent Application	US 61/731,744	30.11.2012	CN 104602733 A 2890432
PS.147.PCT	International Patent Application	PCT/US2013/057327	29.08.2013	
PS.147.AU	Australia	2013308655	29.08.2013	
PS.147.BR	Brazil	11 2015 003422-5	29.08.2013	1702/CHENP/2015A
PS.147.CA	Canada	2,881,305	29.08.2013	
PS.147.CN	China	201380044521.0	29.08.2013	
PS.147.EP	Europe	13762339.3	29.08.2013	US20150217045
PS.147.EP1	Europe - Divisional	17163810.9	30.03.2017	
PS.147.IL	Israel	236995	29.08.2013	
PS.147.IN	India	1702/CHENP/2015	29.08.2013	
PS.147.JP	Japan	2015-530048	29.08.2013	
PS.147.KR	South Korea	2015-7007798	29.08.2013	
PS.147.MX	Mexico	MX/a/2015/002502	29.08.2013	
PS.147.US	United States	14/423,565	29.08.2013	
PS.148 INTEGRATED SLIDING SEAL FLUID PATHWAY CONNECTION AND DRUG CONTAINERS FOR DRUG DELIVERY PUMPS				
PS.148.USP	US Provisional Patent Application	61/756,638	25.01.2013	WO2014011879 US20140213975
PS.148.PCT	International Patent Application	PCT/US2013/030478	12.03.2013	
PS.148.US	USA	13/796,156	12.03.2013	
PS.148.USD	USA - DESIGN	PATENT D723157	12.03.2013	2948206 1217924
PS.148.USD2	USA - DESIGN	PATENT D791306	15.01.2014	
PS.148.USD3	USA - DESIGN	29/608,628	08.03.2017	
PS.148.AU	Australia	2013375293	12.03.2013	
PS.148.CA	Canada	2,898,585	12.03.2013	
PS.148.EP	Europe	13712982.1	12.03.2013	
PS.148.HK	Hong Kong	16105994.7	12.03.2013	
PS.148.IL	Israel	239891	12.03.2013	
PS.148.JP	Japan	2015-555142	12.03.2013	
PS.155 DRIVE MECHANISM FOR DRUG DELIVERY PUMPS WITH INTEGRATED STATUS INDICATION				
PS.155.USP	US Provisional Patent Application	61/756,667	25.01.2013	WO2014116987 US20140200510
PS.155.USP2	US Provisional Patent Application	61/912,642	06.12.2013	
PS.155.PCT	International Patent Application	PCT/US2014/013005	24.01.2014	
PS.155.US	USA	14/163,690	24.01.2014	CN 105431185A 2948205
PS.155.AU	Australia	2014209184	24.01.2014	
PS.155.BR	Brazil	11 2015 017717-4	24.01.2014	
PS.155.CA	Canada	2,898,639	24.01.2014	1217923
PS.155.CN	China	201480006140.8	24.01.2014	
PS.155.EP	Europe	14705619.6	24.01.2014	
PS.155.EP1	Europe - Divisional	16153193.4	28.01.2016	5096/CHENP/2015A
PS.155.HK	Hong Kong	16105993.8	24.01.2014	
PS.155.HK1	Hong Kong	17100083.9	04.01.2017	
PS.155.IL	Israel	239943	24.01.2014	
PS.155.IN	India	5096/CHENP/2015	24.01.2014	
PS.155.JP	Japan	2015-555355	24.01.2014	
PS.155.MX	Mexico	MX/a/2015/009530	24.01.2014	
PS.159 INTEGRATED SNAP SEAL FLUID PATHWAY CONNECTION AND DRUG CONTAINERS FOR DRUG DELIVERY PUMPS				
PS.159.USP	US Provisional Patent Application	61/869,192	23.08.2013	WO2015027174 US20150057613
PS.159.PCT	International Patent Application	PCT/US2014/052329	22.08.2014	
PS.159.US	USA	14/466,403	22.08.2014	
PS.159.AU	Australia	2014308659	22.08.2014	201627006068 2016-528017
PS.159.BR	Brazil	BR112016003880-0	22.08.2014	
PS.159.CA	Canada	2922117	22.08.2014	
PS.159.CN	China	201480052320.X	22.08.2014	
PS.159.EP	Europe	14837771.6	22.08.2014	
PS.159.IL	Israel	244242	22.08.2014	
PS.159.IN	India	201627006068	22.08.2014	
PS.159.JP	Japan	2016-536485	22.08.2014	
PS.159.MX	Mexico	MX/a/2016/002346	22.08.2014	

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UNIS REF.	Document	Patent Number or Serial Number	Filing Date	Pre-Grant Publication Number
PS 177	DRIVE MECHANISM FOR DRUG DELIVERY PUMPS WITH INTEGRATED STATUS INDICATION			
PS 177.PCT	International Patent Application	PCT/US2014/032398	31.03.2014	WO2015084428
PS 177.US	USA	14/230,784	31.03.2014	US20140296787
PS 177.US1	USA	15/025,595	18.05.2015	
PS 177.AU	Australia	2014357686	31.03.2014	
PS 177.BR	Brazil	BR 112016012364-6	31.03.2014	
PS 177.CA	Canada	2928804	31.03.2014	
PS 177.CN	China	201480066113.X	31.03.2014	CN 106792866A
PS 177.EP	Europe	14721692.3	31.03.2014	3077022
PS 177.HK	Hong Kong	17101353.0	08.02.2017	
PS 177.IL	Israel	245336	31.03.2014	
PS 177.IN	India	201647022412	31.03.2014	201647022412A
PS 177.JP	Japan	2016-536649	31.03.2014	
PS 177.MX	Mexico	MX/a/2016/007232	31.03.2014	
PS 181.USP	SEQUENTIAL DELIVERY DRUG DELIVERY PUMPS FOR DRUG MIXING AND DELIVERY			
PS 181.USP	US Provisional Patent Application	62/055,834	26.09.2014	
PS 181.PCT	International Patent Application	PCT/US2015/052367	25.09.2015	WO2016049532
PS 182	CONCENTRIC BARREL DRUG CONTAINERS AND DRUG DELIVERY PUMPS THAT ALLOW MIXING AND DELIVERY			
PS 182.USP	US Provisional Patent Application	62/055,842	26.09.2014	
PS 182.PCT	International Patent Application	PCT/US2015/052311	25.09.2015	WO2016049501
PS 188	RIGID NEEDLE INSERTION MECHANISM FOR A DRUG DELIVERY PUMP			
PS 188.USP	US Provisional Patent Application	62/056,890	29.09.2014	
PS 188.USP1	US Provisional Patent Application	62/133,715	16.03.2016	
PS 188.PCT	International Patent Application	PCT/US2015/052815	29.09.2015	WO2016053954
PS 188.AU	Australia	2015321994	29.09.2015	
PS 188.BR	Brazil	BR112017006949-5	29.09.2015	
PS 188.CA	Canada	2,962,643	29.09.2015	
PS 188.CN	China	201580052607.7	29.09.2015	
PS 188.EP	Europe	15781499.7	29.09.2015	
PS 188.IL	Israel	251153	29.09.2015	
PS 188.IN	India	201747014767	29.09.2015	
PS 188.JP	Japan	2017-430229	29.09.2015	
PS 188.MX	Mexico	MX/a/2017/004003	29.09.2015	
PS 188.US	USA	15/214,951	29.09.2015	
PS 192	DESIGN FOR A DRUG DELIVERY DEVICE			
PS 192.USD	USA - Design	29/508,588	07.11.2014	
PS 192.AUD	Australia - Design	201512282	01.05.2015	
PS 192.AUD1	Australia - Design	201512283	01.05.2015	
PS 192.BRD	Brazil - Design	BR 30 2015 002048 2	06.05.2015	
PS 192.CAD	Canada - Design	162280	05.05.2015	
PS 192.CAD1	Canada - Design	167440	05.05.2015	
PS 192.CHD	Switzerland - Design	141506	04.05.2015	
PS 192.CND	China - Design	PATENT ZL201530126888.3	04.05.2015	
PS 192.EUD	Europe - Design	002687319-0001	23.04.2015	
PS 192.EUD1	Europe - Design	002687319-0002	23.04.2015	
PS 192.HKD	Hong Kong - Design	1501000.8M001	06.05.2015	
PS 192.HKD1	Hong Kong - Design	1501000.8M002	06.05.2015	
PS 192.ILD	Israel - Design	56895	04.05.2015	
PS 192.ILD1	Israel - Design	56896	04.05.2015	
PS 192.IND	India - Design	271905	05.05.2015	
PS 192.IND1	India - Design	271906	05.05.2015	
PS 192.ISD	Iceland - Design	14/2015	06.05.2015	
PS 192.JPD	Japan - Design	1549506	28.04.2015	
PS 192.JPD1	Japan - Design	1549319	28.04.2015	
PS 192.KRD	Korea - Design	30-0852991-0001	06.05.2015	
PS 192.KRD1	Korea - Design	30-852991-0002	06.05.2015	
PS 192.LID	Liechtenstein - Design	LI366	07.05.2015	
PS 192.MCD	Monaco - Design	50027	07.05.2015	
PS 192.MED	Montenegro - Design	00136	06.05.2015	
PS 192.MXD	Mexico - Design	MX/a/2015/001298	16.04.2015	
PS 192.NCD	Norway - Design	084915	05.05.2015	
PS 192.RSD	Serbia - Design	D2015-0036	06.05.2015	
PS 192.SGD	Singapore - Design	302015009235	27.04.2015	
PS 192.SGD1	Singapore - Design	302015009585	29.04.2015	
PS 192.TRD	Turkey - Design	2015/03444	06.05.2015	
PS 192.TWD	Taiwan - Design	PATENT D174377	27.04.2015	
PS 192.TWD1	Taiwan - Design	PATENT D174176	27.04.2015	
PS 192.UAD	Ukraine - Design	32280	05.05.2015	

PS.220				
PS.220.USD	US Provisional Patent Application	62/241,906	15.10.2015	
PS.220.USD1	US Provisional Patent Application	62/346,194	06.08.2016	
PS.220.USD2	US Provisional Patent Application	62/372,165	08.08.2016	
PS.220.PCT	International Patent Application	PCT/US17/38043	08.2017	

PS.216	SYSTEMS AND METHODS FOR CONTROLLED DRUG DELIVERY PUMPS			
PS.216.USD	US Provisional Patent Application	62/262,683	03.12.2015	
PS.216.PCT	International Patent Application	PCT/US2016/064588	02.12.2016	

PS.210	DRUG DELIVERY DEVICE			
PS.210.USD	US Provisional Patent Application	62/293,956	10.02.2016	
PS.210.PCT	International Patent Application	PCT/US2016/063625	23.11.2016	
PS.210.PCT1	International Patent Application	PCT/US2017/017369	10.02.2017	

PS.211	DELIVERY DEVICE			
PS.211.USD	US Provisional Patent Application	62/293,608	10.02.2016	
PS.211.USD1	US Provisional Patent Application	62/359,502	07.07.2016	
PS.211.PCT	International Patent Application	PCT/US2017/016671	07.02.2017	

PS.224				
PS.224.USD	USA - Design	29/532,806	10.07.2015	

PS.225				
PS.225.USD	USA - Design	29/551,569	26.06.2015	

PS.227				
PS.227.USD	USA Provisional Patent Application	62/356,247	29.06.2016	
PS.227.USD1	USA Provisional Patent Application	62/365,819	26.07.2016	
PS.227.PCT	International Patent Application	PCT/US2017/32925	29.09.2017	

ND.117	INJECTABLE DRUG DELIVERY ARRANGEMENT WITH CONTROLLED DELIVERY CANNULA POSITION RELATIVE TO POINT OF DELIVERY			
ND.117.USD	US Provisional Patent Application	US 61/515,547	05.08.2011	
ND.117.PCT	International Patent Application	PCT/US2012/049575	03.08.2012	WO201322772
ND.117.US	USA	PATENT 9,352,084	03.08.2012	US2013035662
ND.117.US1	USA-Divisional	14/755,689	30.06.2015	
ND.117.AU	Australia	PATENT 2012294614	03.08.2012	2012294614
ND.117.CA	Canada	2843804	03.08.2012	
ND.117.CN	China	PATENT ZL201260038433.5	03.08.2012	
ND.117.EP	Europe	2526961	03.08.2012	12746246.5
ND.117.HK	Hong Kong	14/112430.7	03.08.2012	1198958A
ND.117.IN	India	552/CHENP/2014	03.08.2012	552/CHENP/2014 A
ND.117.JP	Japan	2014-324120	03.08.2012	
ND.117.JP1	Japan - Divisional	2017-012401	26.01.2017	

ND.128	ACCURATE DOSE DELIVERY SYRINGE			
ND.128.USD	US Provisional Patent Application	US 61/569,509	08.12.2011	
ND.128.PCT	International Patent Application	PCT/US2012/068210		WO2013085167
ND.128.US	USA	PATENT 9,345,839	06.12.2012	US2013150803
ND.128.AU	Australia	2012347818	06.12.2012	
ND.128.BR	Brazil	112014813832-7	06.12.2012	
ND.128.CA	Canada	2857506	06.12.2012	
ND.128.CN	China	PATENT ZL201280040266.6	06.12.2012	

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ND.128.EP	Europe	12809422.4	06.12.2012	2788054
ND.128.HK	Hong Kong	16100499.9	06.12.2012	1200125A
ND.128.IL	Israel	232733	06.12.2012	
ND.128.IN	India	4000/CHENP/2014	06.12.2012	4000/CHENP/2014
ND.126.JP	Japan	2014-546060	06.12.2012	2015-500095
ND.128.KR	South Korea	2014-7015320	06.12.2012	
ND.128.ZA	South Africa	PATENT 2014/09088	06.12.2012	
ND.126.TW	Taiwan	101146033	07.12.2012	20130889

ND.144	DEVICE FOR TARGETED DELIVERY OF A THERAPEUTIC IMPLANT			
ND.144.USP	US Provisional Patent Application	US 61/677,188	30.07.2012	
ND.144.PCT	International Patent Application	PCT/US2013/027529	23.02.2013	WO2013126953
ND.144.US	USA	PATENT 9,050,415	23.02.2013	US2013237910
ND.144.US1	USA	14/708,776	11.05.2015	US20150236745
ND.144.AU	Australia	2013222148	23.02.2013	
ND.144.BR	Brazil	BR112014020729-1	23.02.2013	
ND.144.CA	Canada	2,864,707	23.02.2013	
ND.144.CN	China	PATENT 201340010811.3	23.02.2013	CN 104159631 A
ND.144.EP	Europe	13716870.4	23.02.2013	2817047
ND.144.HK	Hong Kong	15101901.9	23.02.2013	1201483A
ND.144.IL	Israel	233857	23.02.2013	
ND.144.IN	India	6389/CHENP/2014	23.02.2013	6389/CHENP/2014A
ND.144.JP	Japan	PATENT 201400203	23.02.2013	
ND.144.KR	South Korea	2014-7026469	23.02.2013	
ND.144.MX	Mexico	MX/a/2014/010047	23.02.2013	
ND.144.RU	Russia	2014137053	23.02.2013	
ND.144.ZA	South Africa	PATENT 2014/05898	23.02.2013	

ND.166	SYRINGES FOR PREFILLED AND FILL-AT-USE MIXING AND DRUG DELIVERY			
ND.166.USP	US Provisional Patent Application	61/846,940	16.07.2013	
ND.175.USP	US Provisional Patent Application	61/941,862	19.02.2014	
ND.166.PCT	International Patent Application	PCT/US2014/046916	16.07.2014	WO2015009871
ND.166.US	USA	PATENT 9,597,454	16.07.2014	US20150025454
ND.166.US1	USA	15/426,503	07.02.2017	
ND.166.AU	Australia	2014290084	16.07.2014	
ND.166.BR	Brazil	BR112016001422-7	16.07.2014	
ND.166.CA	Canada	2819154	16.07.2014	
ND.166.CN	China	201480050866.1	16.07.2014	CN 105592875 A
ND.166.EP	Europe	14750066.6	16.07.2014	3021917
ND.166.IL	Israel	243708	16.07.2014	
ND.166.IN	India	261627003821	16.07.2014	
ND.166.JP	Japan	Not yet received	16.07.2014	
ND.166.MX	Mexico	MX/a/2016/000639	16.07.2014	
ND.166.KR	South Korea	10-2016-7083847	16.07.2014	

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NO.	SYRINGES FOR SEQUENTIAL DELIVERY OF INJECTABLES			
ND. 169	AUTOMATIC SELF-DISPENSING ACCURATE DOSE DELIVERY SYRINGES			
ND. 169.USP	US Provisional Patent Application	61/877,723	13.09.2013	
ND. 169.USP2	US Provisional Patent Application	62/005,089	30.05.2014	
ND. 169.PCT	International Patent Application	PCT/US2014/055486	12.09.2014	WO2015047758
ND. 169.AU	Australia	2014328035	12.09.2014	
ND. 169.EP	Europe	14776790.9	12.09.2014	3035983
ND. 169.US	USA	15/021,622	12.09.2014	US20160220761

NO.	SYRINGES FOR SEQUENTIAL DELIVERY OF INJECTABLES			
ND. 175	SYRINGES FOR SEQUENTIAL DELIVERY OF INJECTABLES			
ND. 175.USP	US Provisional Patent Application	61/941,862	19.02.2014	
ND. 166.USP	US Provisional Patent Application	61/846,940	16.07.2013	
ND. 175.PCT	International Patent Application	PCT/US14/46909	16.07.2014	WO2015099866
ND. 175.US	USA	PATENT 9,586,008	16.07.2014	US20150025458
ND. 175.AU	Australia	2014296079	16.07.2014	
ND. 175.BR	Brazil	BR112016000919-3	16.07.2014	
ND. 175.CA	Canada	2918462	16.07.2014	
ND. 175.CN	China	201480050743.8	16.07.2014	CN 105530976 A
ND. 175.EP	Europe	14747259.1	16.07.2014	3021916
ND. 175.HK	Hong Kong	16113352.9	23.11.2016	
ND. 175.IL	Israel	243618	16.07.2014	
ND. 175.IN	India	201627001553	16.07.2014	
ND. 175.JP	Japan	2016-527684	16.07.2014	2016-524990
ND. 175.KR	South Korea	10-2016-7003905	16.07.2014	
ND. 175.MX	Mexico	MX/a/2016/000571	16.07.2014	

NO.	SYRINGES FOR REPETITIVE MIXING AND DELIVERY OF INJECTABLES			
ND. 180	SYRINGES FOR REPETITIVE MIXING AND DELIVERY OF INJECTABLES			
ND. 175.USP	US Provisional Patent Application	61/941,862	19.02.2014	
ND. 166.USP	US Provisional Patent Application	61/846,940	16.07.2013	
ND. 180.PCT	International Patent Application	PCT/US14/46912	16.07.2014	WO2015099868
ND. 180.US	USA	PATENT 9,592,343	16.07.2014	US20150025458
ND. 180.AU	Australia	2014296081	16.07.2014	
ND. 180.BR	Brazil	BR112016001421.9	16.07.2014	
ND. 180.CA	Canada	2918150	16.07.2014	
ND. 180.CN	China	201480050855.3	16.07.2014	CN 105530977A
ND. 180.EP	Europe	14750064.9	16.07.2014	3021916
ND. 180.IL	Israel	243705	16.07.2014	
ND. 180.JP	Japan	Not yet received	16.07.2014	
ND. 180.KR	South Korea	10-2016-7003817	16.07.2014	
ND. 180.MX	Mexico	MX/a/2016/000640	16.07.2014	

NO.	DEVICES FOR TARGETED DELIVERY OF THERAPEUTIC IMPLANTS			
ND. 194	DEVICES FOR TARGETED DELIVERY OF THERAPEUTIC IMPLANTS			
ND. 194.PCT	International Patent Application	PCT/US2015/023789	01.04.2015	WO2016160004
ND. 194.US	USA	14/676,408	01.04.2015	US20150292419

NO.	ACCURATE DOSE CONTROL MECHANISMS AND DRUG DELIVERY SYRINGES			
ND. 198	ACCURATE DOSE CONTROL MECHANISMS AND DRUG DELIVERY SYRINGES			
ND. 198.PCT	International Patent Application	PCT/US2015/033950	24.05.2016	
ND. 198.US	USA	15/163,455	24.05.2016	US20160263329

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UNIS REF.	Document	Patent Number or Serial Number	Filing Date	Pre-Grant Publication Number
AI 119	AUTO-INJECTOR FOR RETRACTABLE PREFILLED SYRINGE			
AI 119.USP	US Provisional Patent Application	US 61/526,995	24.08.2011	
AI 119.PCT	International Patent Application	PCT/US2012/052129	23.08.2012	WO/2013/028906
AI 119.US	USA	PATENT 6,898,244	23.08.2012	2013-0060231 (07.03.2013)
AI 119.US1	USA - continuation	14/328,914	11.07.2014	US20140323982
AI 119.AU	Australia	PATENT 2012298793	23.08.2012	
AI 119.CA	Canada	2,845,362	23.08.2012	
AI 119.CN	China	PATENT ZL201280040758.1	23.08.2012	
AI 119.JHK	Hong Kong	14105087.7	23.08.2012	1192170A
AI 119.EP	Europe	PATENT 2734255	23.08.2012	
AI 119.AT	Austria	PATENT 2734255	23.08.2012	
AI 119.BE	Belgium	PATENT 2734255	23.08.2012	
AI 119.DK	Denmark	PATENT 2734255	23.08.2012	
AI 119.FI	Finland	PATENT 2734255	23.08.2012	
AI 119.FR	France	PATENT 2734255	23.08.2012	
AI 119.DE	Germany	PATENT 602012017781.0	23.08.2012	
AI 119.GB	Great Britain	PATENT 2734255	23.08.2012	
AI 119.IE	Ireland	PATENT 2734255	23.08.2012	
AI 119.IT	Italy	PATENT 5020160009764.11	23.08.2012	
AI 119.LU	Luxembourg	PATENT 2734255	23.08.2012	
AI 119.MC	Monaco	PATENT 2734255	23.08.2012	
AI 119.NL	Netherlands	PATENT 2734255	23.08.2012	
AI 119.PT	Portugal	PATENT 2734255	23.08.2012	
AI 119.ES	Spain	PATENT 2734255	23.08.2012	
AI 119.SE	Sweden	PATENT 2734255	23.08.2012	
AI 119.CH	Switzerland	PATENT 2734255	23.08.2012	
AI 119.EP1	Europe - Divisional	PATENT 2837396	23.08.2012	2837396
AI 119.AT1	Austria	PATENT 2837396	23.08.2012	
AI 119.BE1	Belgium	PATENT 2837396	23.08.2012	
AI 119.DK1	Denmark	PATENT 2837396	23.08.2012	
AI 119.FI1	Finland	PATENT 2837396	23.08.2012	
AI 119.FR1	France	PATENT 2837396	23.08.2012	
AI 119.DE1	Germany	PATENT 602012018420.5	23.08.2012	
AI 119.GB1	Great Britain	PATENT 2837396	23.08.2012	
AI 119.IE1	Ireland	PATENT 2837396	23.08.2012	
AI 119.IT1	Italy	PATENT 2837396	23.08.2012	
AI 119.LU1	Luxembourg	PATENT 2837396	23.08.2012	
AI 119.MC1	Monaco	PATENT 2837396	23.08.2012	
AI 119.NL1	Netherlands	PATENT 2837396	23.08.2012	
AI 119.PT1	Portugal	PATENT 2837396	23.08.2012	
AI 119.ES1	Spain	PATENT 2837396	23.08.2012	
AI 119.SE1	Sweden	PATENT 2837396	23.08.2012	
AI 119.CH1	Switzerland	PATENT 2837396	23.08.2012	
AI 119.IN	India	2190/CHENP/2014	23.08.2012	2190/CHENP/2014A
AI 119.JP	Japan	2014-527311	23.08.2012	2014-524345
AI 119.BR	Brazil	11 2014 004103-2	23.08.2012	
AI 119.IL	Israel	230973	23.08.2012	
AI 119.TW	Taiwan	101130775	24.08.2012	201125606
AI 129	PLUNGER SUB-ASSEMBLIES AND AUTO-INJECTORS HAVING LOW RETRACTION ACTIVATION FORCE			
AI 129.USP	US Provisional Patent Application	US 61/595,539	06.02.2012	
AI 129.PCT	International Patent Application	PCT/US2013/024819	06.02.2013	WO2013119591
AI 129.US	USA	14/376,758	06.02.2013	2014-0364812
AI 129.AU	Australia	2013217511	06.02.2013	
AI 129.CA	Canada	2,862,860	06.02.2013	
AI 129.CN	China	201380008177.X	06.02.2013	
AI 129.EP	Europe	PATENT 2812051	06.02.2013	2812051
AI 129.AT	Austria	PATENT 2812051	06.02.2013	
AI 129.BE	Belgium	PATENT 2812051	06.02.2013	
AI 129.DK	Denmark	PATENT 2812051	06.02.2013	
AI 129.FI	Finland	PATENT 2812051	06.02.2013	
AI 129.FR	France	PATENT 2812051	06.02.2013	
AI 129.DE	Germany	PATENT 602013014685.3	06.02.2013	
AI 129.GB	Great Britain	PATENT 2812051	06.02.2013	
AI 129.IE	Ireland	PATENT 2812051	06.02.2013	
AI 129.IT	Italy	PATENT 2812051	06.02.2013	
AI 129.LU	Luxembourg	PATENT 2812051	06.02.2013	
AI 129.MC	Monaco	PATENT 2812051	06.02.2013	
AI 129.NL	Netherlands	PATENT 2812051	06.02.2013	
AI 129.PT	Portugal	PATENT 2812051	06.02.2013	
AI 129.ES	Spain	PATENT 2812051	06.02.2013	
AI 129.SE	Sweden	PATENT 2812051	06.02.2013	
AI 129.CH	Switzerland	PATENT 2812051	06.02.2013	
AI 129.IN	India	5875/CHENP/2014	06.02.2013	5875/CHENP/2014A
AI 129.JP	Japan	2014-555841	06.02.2013	2015-505513

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AI.138	PLUNGER-DRIVEN AUTO-INJECTORS			
AI.138.USP	US Provisional Patent Application	US 61/817,981	01.05.2013	
AI.138.PCT	International Patent Application	PCT/US2014/034974	22.04.2014	WO2014179117
AI.138.US	USA	14/258,558	22.04.2014	US20140364812
AI.138.AU	Australia	2014260230	22.04.2014	
AI.138.EP	Europe	14731544.8	22.04.2014	2991705
AI.138.TW	Taiwan	103115483	30.04.2014	

AI.140	DRIVE CONTROL MECHANISMS AND AUTOMATIC INJECTORS FOR INJECTABLE SYRINGES			
AI.140.USP	US Provisional Patent Application	US 61/683,499	15.08.2012	
AI.140.PCT	International Patent Application	PCT/US2013/049314	03.07.2013	WO2014008393
AI.140.US	USA	PATENT 8920374	03.07.2013	US20140012229
AI.140.US1	USA	14/572,181	03.07.2013	US20150174326
AI.140.USD	USA - DESIGN	PATENT 0764657	03.07.2013	
AI.140.AU	Australia	2013286689	03.07.2013	
AI.140.BR	Brazil	11 2015 090076-9	03.07.2013	
AI.140.CA	Canada	2,879,194	03.07.2013	
AI.140.CN	China	201380035775.6	03.07.2013	CN 104411350 A
AI.140.EP	Europe	13740422.4	03.07.2013	2869871
AI.140.EP1	Europe - Divisional	16153882.2	03.07.2013	3042575
AI.140.HK	Hong Kong	15109747.0	03.07.2013	1209072A
AI.140.IL	Israel	235902	03.07.2013	
AI.140.IN	India	598/CHENP/2015	03.07.2013	598/CHENP/2015A
AI.140.JP	Japan	2015-520682	03.07.2013	
AI.140.KR	South Korea	2015-7002837	03.07.2013	
AI.140.MX	Mexico	MX/a/2014/015873	03.07.2013	
AI.140.RU	Russian Federation	2015102064	03.07.2013	
AI.140.TW	Taiwan	102124140	03.07.2013	

AI.183	SKIN SENSORS FOR DRUG DELIVERY DEVICES			
AI.183.USP	US Provisional Patent Application	62/043,070	28.08.2014	
AI.183.PCT	International Patent Application	PCT/US2015/047487	28.08.2015	WO2016033496
AI.183.AU	Australia	2015302650		
AI.183.BR	Brazil	BR 11 2017 003497-2	28.08.2015	
AI.183.CA	Canada	2056158		
AI.183.CN	China			
AI.183.EP	Europe			
AI.183.IL	Israel	250660	28.08.2015	
AI.183.IN	India			
AI.183.JP	Japan			
AI.183.MX	Mexico	MX/a/2017/002423	28.08.2015	
AI.183.US	United States	15/507,491	28.08.2015	

AI.184	SENSOR SYSTEMS FOR DRUG DELIVERY DEVICES			
AI.184.USP	US Provisional Patent Application	62/043,217	28.08.2014	
AI.184.USP1	US Provisional Patent Application	62/080,803	17.11.2014	
AI.184.USP2	US Provisional Patent Application	62/204,847	13.05.2015	
AI.184.PCT	International Patent Application	PCT/US2015/047503	28.08.2015	WO2016033507
AI.184.AU	Australia	2015308670	28.08.2015	
AI.184.BR	Brazil	BR 11 2017 002646-4	28.08.2015	
AI.184.CA	Canada	2959162		
AI.184.CN	China			
AI.184.EP	Europe	15780037.0	28.08.2015	
AI.184.IL	Israel	250659	28.08.2015	

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AI.184.IN	India			
AI.184.JP	Japan			
AI.184.MX	Mexico	MX/a/2017/002428	28.08.2015	
AI.184.US	United States	15/507,510	28.08.2015	

CN.141	RETRACTABLE NEEDLE SAFETY SYRINGES			
CN.141.USP	US Provisional Patent Application	US 61/667,010	02.07.2012	
CN.141.PCT	International Patent Application	PCT/US2012/067793	04.12.2012	WO2013128118
CN.141.US	USA	PATENT 8,702,653	04.12.2012	US2013226084
CN.141.US1	USA-Continuation	14/242,076	01.04.2014	US20140213972
CN.141.AU	Australia	2012370436	04.12.2012	
CN.141.BR	Brazil	BR112014020768-8	04.12.2012	
CN.141.CA	Canada	2,865,274	04.12.2012	
CN.141.CN	China	201280870600.4	04.12.2012	
CN.141.EP	Europe	12813593.6	04.12.2012	2817046
CN.141.IL	Israel	234075	04.12.2012	
CN.141.IN	India	9274/CHENP/2014	04.12.2012	6274/CHENP/2014A
CN.141.JP	Japan	2014-668729	04.12.2012	
CN.141.KR	South Korea	2014-7026473	04.12.2012	
CN.141.MX	Mexico	MX/a/2014/010050	04.12.2012	
CN.141.ZA	South Africa	PATENT 2014/069006	04.12.2012	
CN.141.TW	Taiwan	101145849	06.12.2012	201336540

CN.156	RETRACTABLE NEEDLE SAFETY SYRINGES			
CN.156.USP	US Provisional Patent Application	61/777,382	12.03.2013	
CN.156.PCT	International Patent Application	PCT/US2014/024781	12.03.2014	WO 2014/166205
CN.156.US	USA	PATENT 8979795	12.03.2014	US20140276446
CN.156.US1	USA-Continuation	14/635,376	02.03.2015	US20150174338
CN.156.AU	Australia	2014248541	12.03.2014	
CN.156.BR	Brazil	11 2015 022497-3	12.03.2014	
CN.156.CA	Canada	2,905,801	12.03.2014	
CN.156.CN	China	201460014829.5	12.03.2014	CN105186613A
CN.156.EP	Europe	14716144.2	12.03.2014	2968795
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CN.168.PCT	International Patent Application	PCT/US2014/032014	27.03.2014	WO 2014/160864
CN.168.AU	Australia	2014241143	27.03.2014	
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CN.168.US	USA	14/777,713	27.03.2014	US20160279344

CN.173	EXPANDING PLUNGER RODS FOR SYRINGES			
CN.173.USP	US Provisional Patent Application	61/835,081	03.02.2014	
CN.173.PCT	International Patent Application	PCT/US2015/014255	03.02.2015	WO 2015/117131
CN.173.EP	Europe	15703442.2	03.02.2015	3102259
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