

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

Assignment ID: PATI781927

SUBMISSION TYPE:	NEW ASSIGNMENT		
NATURE OF CONVEYANCE:	SECURITY INTEREST		
SEQUENCE:	3		
CONVEYING PARTY DATA			
Name			Execution Date
MADRYN HEALTH PARTNERS, LP			02/09/2023
RECEIVING PARTY DATA			
Company Name:	MADRYN FUND ADMINISTRATION, LLC		
Street Address:	C/O MADRYN ASSET MANAGEMENT, LP		
Internal Address:	330 MADISON AVENUE, 33RD FLOOR		
City:	New York		
State/Country:	NEW YORK		
Postal Code:	10017		
PROPERTY NUMBERS Total: 4			
Property Type	Number		
Application Number:	62682877		
Application Number:	16218142		
Application Number:	17249887		
Application Number:	18438865		
CORRESPONDENCE DATA			
Fax Number:	2023712540		
<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>			
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ATTORNEY DOCKET NUMBER:	7256.002000Z		
NAME OF SUBMITTER:	Sebastian Naranjo		
SIGNATURE:	/Sebastian Naranjo/		
DATE SIGNED:	01/28/2025		

Total Attachments: 26

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NOTICE OF AGENCY ASSUMPTION FOR SECURITY INTEREST IN PATENTS

This NOTICE OF AGENCY ASSUMPTION FOR SECURITY INTEREST IN PATENTS dated as of February 9, 2023 (this "Notice of Agency Assumption"), is made by MADRYN HEALTH PARTNERS, LP, a Delaware limited partnership ("Madryn Health") and MADRYN FUND ADMINISTRATION, LLC, a Delaware limited liability company ("Madryn Fund").

WHEREAS, reference is made to that certain Credit Agreement (as amended, amended and restated, supplemented or otherwise modified prior to the date hereof, the "Credit Agreement"), dated as of March 12, 2021, among BIGFOOT BIOMEDICAL, INC. a Delaware corporation ("Company"), the Guarantors (defined therein), the Lenders (defined therein) and Madryn Health.

WHEREAS, pursuant to that certain Security Agreement dated March 12, 2021, ("Security Agreement"), by and among the Company and Madryn Health, the Company granted to Madryn Health, as administrative agent, a continuing security interest in and continuing lien upon certain patents, patent licenses, and patent applications, including the patents, patent licenses and patent applications set forth on Schedule 1 (collectively, the "Patent Collateral").

WHEREAS, pursuant to the Security Agreement, Company executed and delivered to Madryn Health, for the benefit of the Secured Parties, a Notice of Grant of Security Interest in Patents ("Notice").

WHEREAS, the Notice was recorded at the United States Patent and Trademark Office ("USPTO") on March 12, 2021, at Reel 055583, Frame 0044.

WHEREAS, pursuant to that certain Agency Resignation, Appointment, Assumption and Waiver Agreement, dated February 9, 2023 ("Agency Assumption Agreement"), Madryn Health resigned as administrative agent in accordance with the Credit Agreement, and the Required Lenders appointed Madryn Fund to act as Successor Administrative Agent (as defined in the Agency Assumption Agreement) under the Credit Agreement and other Loan Documents (including the Security Agreement and the Notice regarding the Patent Collateral), and Madryn Fund accepted its appointment to serve as Administrative Agent.

NOW THEREFORE, in consideration of the mutual promises and undertakings set forth herein and for other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, and with the intention of being legally bound hereby, Madryn Health and Madryn Fund agree as follows:

SECTION 1. Defined Terms. All capitalized terms used herein but not otherwise defined herein have the meanings given to them in the Credit Agreement, Security Agreement, the Notice, or the Agency Assumption Agreement.

SECTION 2. Notice of Agency Assumption. Madryn Health and Madryn Fund hereby acknowledge and agree that, pursuant to the Agency Assumption Agreement, Madryn Fund is the Successor Administrative Agent and is now vested with all rights and remedies of the Administrative Agent under the Security Agreement, including the security interest in and continuing lien upon the Patent Collateral.

SECTION 3. Recordation. Madryn Health and Madryn Fund hereby authorize the recordation of this Notice of Agency Assumption with the USPTO.

SECTION 4. Choice of Law. This Notice of Agency Assumption and obligations of the parties hereunder, and all of their successors, assigns, and transferees, shall be governed by and construed in accordance with the laws of the State of New York.

[Signature page follows]

IN WITNESS WHEREOF, Madryn Health and Madryn Fund have caused this Notice of Agency Assumption for Security Interest in Patents to be duly executed as of the date first set forth above.

MADRYN HEALTH:

MADRYN HEALTH PARTNERS, LP,
a Delaware limited partnership

By: MADRYN HEALTH ADVISORS, LP,
its General Partner

By: MADRYN HEALTH ADVISORS GP, LLC,
its General Partner

By: 
Name: Avinash Amin
Title: Member

MADRYN FUND:

MADRYN FUND ADMINISTRATION, LLC,
a Delaware limited liability company

By: MADRYN ASSET MANAGEMENT, LP,
its Managing Partner

By: MADRYN ASSET MANAGEMENT GP, LLC,
its General Partner

By: 
Name: Avinash Amin
Title: Sole Member

Schedule 1 to Notice of Grant of Security Interest in Patents

Schedule 1Patents Owned by Grantor

Title	Application Number	Publication Number	Patent Number	Application Date	Issue Date	Jurisdiction
Infusion pump system and an infusion pump unit	US09/545741		US6270478B1	2000-04-03	2001-08-07	USA
Shape memory alloy actuator	US10/622065	US2004/0068985A1	US6851260B2	2003-07-17	2005-02-08	USA
Aktuator at en legering med formhukommelse	DK2003737953T		DK1546554T3	2003-07-21	2008-10-22	Denmark
A disposable wearable insulin dispensing device, a combination of such a device and a programming controller	EP2003770915	EPI560616A2	EPI560616B1	2003-11-04	2018-01-24	Europe
MEDIZINISCHE VORRICHTUNG ZUR ABGABE VON INSULIN	AT2003779766T	AT385814T		2003-12-19	2008-03-15	Austria
BIEGSAME KOI.BENSTANGE	AT2003767479T	AT498421T		2003-12-19	2011-03-15	Austria
A disposable, wearable insulin dispensing device, a combination of such a device and a programming controller and a method of controlling the operation of such a device	AU2003287926	AU2003287926A8		2003-12-19	2004-07-14	Australia
A disposable, wearable insulin dispensing device, a combination of such a device and a programming controller and a method of controlling the operation of such a device	AU2003287926	AU2003287926A1		2003-12-19	-	Australia
Medical dispensing device for insulin	EP2003779766	EPI583571A2	EPI583571B1	2003-12-19	2008-02-13	Europe
Flexible piston rod	EP2003767479	EPI583573A2	EPI583573B1	2003-12-19	2011-02-16	Europe
A disposable, wearable insulin dispensing device, a combination of such a device and a programming controller and a method of controlling the operation of such a device	PCT/DK2003/000916	WO2004/056412A3		2003-12-19	-	WIPO
A disposable, wearable insulin dispensing device, a combination of such a device and a programming controller and a method of controlling the operation of such a device	PCT/DK2003/000916	WO2004/056412A2		2003-12-19	-	WIPO
Medical dispensing device for insulin	CZ2003779766		CZ1583571B6	2003-12-19	2008-02-13	Switzerland
Flexible piston rod	CZ2003767479		CZ1583573B6	2003-12-19	2011-02-16	Switzerland
Medizinische Vorrichtung zur Abgabe von Insulin	DE60319142		DE60319142D1	2003-12-19	2008-03-27	Germany
Medizinische Vorrichtung zur Abgabe von Insulin	DE60319142		DE60319142T2	2003-12-19	2009-02-05	Germany
BIEGSAME KOI.BENSTANGE	DE60336080		DE60336080D1	2003-12-19	2011-03-31	Germany
Medieindispenseringsindretning for insulin	DK2003779766T		DK1583571T3	2003-12-19	2008-02-13	Denmark
Bøjelig stempelstang	DK2003767479T		DK1583573T3	2003-12-19	2011-02-16	Denmark
Shape memory alloy actuator	US11/041188	US20050160858A1		2005-01-21	-	USA
Infusion pump system, an infusion pump unit and an infusion pump	US11/041189	US20050192561A1	US7232423B2	2005-01-21	2007-06-19	USA

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Schedule 1 to Notice of Grant of Security Interest in Patents

Title	Application Number	Publication Number	Patent Number	Application Date	Issue Date	Jurisdiction
Disposable medicine dispensing device	US10/587911	US20070276329A1	US753879B2	2005-01-28	2010-07-13	USA
Disposable wearable insulin dispensing device, a combination of such a device and a programming controller and a method of controlling the operation of such a device	US11/121708	US20050245878A1	US7887511B2	2005-05-04	2011-02-15	USA
Flexible piston rod	US11/158277	US20050251097A1	US7220248B2	2005-06-21	2007-05-22	USA
Disposable, wearable insulin dispensing device, a combination of such a device and a programming controller and a method of controlling the operation of such a device	US11/157479	US20050273059A1	US7785288B2	2005-06-21	2010-08-31	USA
An actuator	EP2006722887	EP1877115A1		2006-04-06	-	Europe
Medicine dispensing device	US10/591190	US20070185449A1	US7713238B2	2006-04-06	2010-05-11	USA
Ein Stelliglied	DE202006020986		DE202006020986U1	2006-04-06	2011-08-05	Germany
Portable infusion pump having a flexible pushrod with hinged portions	EP2006825022	EP1933901A2	EP1933901B1	2006-09-18	2014-12-31	Europe
Infusion pump with a drive having a ratchet and pawl combination	EP2006814894	EP1933902A2	EP1933902B1	2006-09-18	2014-12-17	Europe
Modular infusion pump having two different energy sources	EP2006814895	EP2162168A2	EP2162168B1	2006-09-18	2018-11-07	Europe
Dispensing fluid from an infusion pump system	US11/522560	US20070073228A1	US7534226B2	2006-09-18	2009-05-19	USA
Operating an infusion pump system	US11/522603	US20070073235A1	US7794427B2	2006-09-18	2010-09-14	USA
Dispensing fluid from an infusion pump system	US11/522836	US20070073236A1	US8105279B2	2006-09-18	2012-01-31	USA
Infusion pump with a drive having a ratchet and pawl combination	PCT/US2006/036368	WO2007038059A3		2006-09-18	-	WIPO
Infusion pump with a drive having a ratchet and pawl combination	PCT/US2006/036368	WO2007038059A2		2006-09-18	-	WIPO
Modular infusion pump having two different energy sources	PCT/US2006/036369	WO2007038060A3		2006-09-18	-	WIPO
Modular infusion pump having two different energy sources	PCT/US2006/036369	WO2007038060A2		2006-09-18	-	WIPO
Portable infusion pump having a flexible pushrod with hinged portions	PCT/US2006/036498	WO2007038091A3		2006-09-18	-	WIPO
Portable infusion pump having a flexible pushrod with hinged portions	PCT/US2006/036498	WO2007038091A2		2006-09-18	-	WIPO
BÆRBAR INFUSIONSPUMPE MED FLEKSIBEL STØDSTANG MED HÆNGSLEDEDELE	DK2006825022T		DK1933901T3	2006-09-18	2014-12-31	Denmark
INFUSIONSPUMPE MED ET DREV, DER HAR EN PALLEGEME- OG SPÆRRAGE-KOMBINATION	DK2006814894T		DK1933902T3	2006-09-18	2014-12-17	Denmark
Infusion pump system	EP2006827657	EP1951340A1	EP1951340B2	2006-11-08	2009-08-12	Europe
Method for manual and autonomous control of an infusion pump	EP2006837358	EP1955240A2	EP1955240B8	2006-11-08	2016-01-27	Europe
Method and system for manual and autonomous control of an infusion pump	EP2016152766	EP3064236A1	EP3064236B1	2006-11-08	2020-02-05	Europe

Schedule 1 to Notice of Grant of Security Interest in Patents

Title	Application Number	Publication Number	Patent Number	Application Date	Issue Date	Jurisdiction
Infusion pump system	US11/557910	US20070123819A1	US8475408B2	2006-11-08	2013-07-02	USA
Method and system for manual and autonomous control of an infusion pump	US11/557926	US20070124002A1	US8192394B2	2006-11-08	2012-06-05	USA
Infusion pump system	PCT/US2006/043599	WO2007056504A1		2006-11-08	-	WIPO
Method and system for manual and autonomous control of an infusion pump	PCT/US2006/043845	WO2007056592A3		2006-11-08	-	WIPO
Method and system for manual and autonomous control of an infusion pump	PCT/US2006/043845	WO2007056592A2		2006-11-08	-	WIPO
Method for manual and autonomous control of an infusion pump	CZ2006837358		CZ19555240B6	2006-11-08	2016-01-27	Switzerland
Method and system for manual and autonomous control of an infusion pump	CZ2016152766		CZ3064236B6	2006-11-08	2020-02-05	Switzerland
Infusionspumpsystem	DK2006827657T		DK1951340T3	2006-11-08	2009-08-12	Denmark
Infusionspumpsystem	DK2006827657T		DK1951340T4	2006-11-08	2009-08-12	Denmark
Portable infusion pump with flexible piston rod	EP2007757335	EP2142238A1	EP2142238B1	2007-02-22	2018-07-11	Europe
Operating an infusion pump system	US11/677743	US20070167912A1	US8409142B2	2007-02-22	2013-04-02	USA
Dispensing fluid from an infusion pump system	US11/677706	US20070179444A1	US8057436B2	2007-02-22	2011-11-15	USA
Operating an infusion pump system	US11/686762	US20070156092A1	US7887512B2	2007-03-15	2011-02-15	USA
Operating an infusion pump system	US11/686895	US20070167905A1	US7922708B2	2007-03-15	2011-04-12	USA
Operating an infusion pump system	US11/686704	US20070173762A1	US7708717B2	2007-03-15	2010-05-04	USA
Flexible piston rod	US11/697168	US20070203459A1	US7623538B2	2007-04-05	2009-12-01	USA
Infusion pump system, an infusion pump unit and an infusion pump	US11/738311	US20070201992A1	US8597244B2	2007-04-20	2013-12-03	USA
Occlusion sensing for an infusion pump	US11/751383	US20080294094A1	US7892199B2	2007-05-21	2011-02-22	USA
Infusion pump system with contamination-resistant features	US11/751278	US20080294108A1	US7794426B2	2007-05-21	2010-09-14	USA
Illumination instrument for an infusion pump	US11/751352	US20080294109A1	US7833196B2	2007-05-21	2010-11-16	USA
Removable controller for an infusion pump	US11/751262	US20080294142A1	US7981102B2	2007-05-21	2011-07-19	USA
Occlusion sensing system for infusion pumps	US11/851212	US20090067989A1	US7828528B2	2007-09-06	2010-11-09	USA
Operating an infusion pump system	US11/851194	US20090069745A1	US7717903B2	2007-09-06	2010-05-18	USA
Data storage for an infusion pump system	US11/851986	US20090069746A1	US7935105B2	2007-09-07	2011-05-03	USA
Power management techniques for an infusion pump system	US11/852019	US20090069749A1	US8287514B2	2007-09-07	2012-10-16	USA
Controlled adjustment of medicine dispensation from an infusion pump device	US11/851898	US20090069784A1	US7879026B2	2007-09-07	2011-02-01	USA
User profile backup system for an infusion pump device	US11/851989	US20090069785A1	US8032226B2	2007-09-07	2011-10-04	USA
Activity sensing techniques for an infusion pump system	US11/852110	US20090069787A1	US7935076B2	2007-09-07	2011-05-03	USA
Operating an infusion pump system	US11/924251	US20080045902A1	US7789859B2	2007-10-25	2010-09-07	USA
Operating an infusion pump system	US11/924203	US20080045903A1	US7981084B2	2007-10-25	2011-07-19	USA
Operating an infusion pump system	US11/924230	US20080045904A1	US7794428B2	2007-10-25	2010-09-14	USA
Operating an infusion pump system	US11/924345	US20080045931A1	US776030B2	2007-10-25	2010-08-17	USA
Portable infusion pump and media player	US11/954755	US20090156990A1	US7875022B2	2007-12-12	2011-01-25	USA
Infusion pump system	US12/115008	US20090275887A1	US7938797B2	2008-05-05	2011-05-10	USA

Schedule 1 to Notice of Grant of Security Interest in Patents

Title	Application Number	Publication Number	Patent Number	Application Date	Issue Date	Jurisdiction
Removable controller for an infusion pump	EP2008780673	EP2155288A1	EP2155288B1	2008-05-20	2016-12-07	Europe
Occlusion sensing for an infusion pump	EP2008755970	EP2155290A1	EP2155290B1	2008-05-20	2018-10-31	Europe
Infusion pump system with contamination-resistant features	EP2008780674	EP2162166A1	EP2162166B1	2008-05-20	2018-12-12	Europe
Illumination instrument for an infusion pump	EP2008795854	EP2162167A1	EP2162167B1	2008-05-20	2013-08-21	Europe
Removable controller for an infusion pump	CZ2008780673	CZ2155288B6	CZ2155288B6	2008-05-20	2016-12-07	Switzerland
Illumination instrument for an infusion pump	CZ2008795854	CZ2162167B6	CZ2162167B6	2008-05-20	2013-08-21	Switzerland
Operating an infusion pump system	EP2008829291	EP2193466A1		2008-07-10	-	Europe
Occlusion sensing system for infusion pumps	EP2008829561	EP2197515A1		2008-07-10	-	Europe
Power management techniques for an infusion pump system	EP2008781611	EP2201657A2	EP2201657B1	2008-07-10	2016-09-28	Europe
Power management techniques for an infusion pump system	PCT/US2008/069642	WO2009035753A3		2008-07-10	-	WIPO
Power management techniques for an infusion pump system	PCT/US2008/069642	WO2009035753A2		2008-07-10	-	WIPO
Power management techniques for an infusion pump system	CZ2008781611		CZ2201657B6	2008-07-10	2016-09-28	Switzerland
Activity sensing techniques for an infusion pump system	EP2008796179	EP2190503A1	EP2190503B1	2008-07-14	2014-01-15	Europe
Controlled adjustment of medicine dispensation from an infusion pump device	EP2008772535	EP2190504A1	EP2190504B1	2008-07-14	2014-01-15	Europe
AKTIVITETSSENSORTEKNIK FOR ET INFUSIONSPUMPESYSTEM	DK2008796179T		DK2190503T3	2008-07-14	2014-01-15	Denmark
KONTROLLERET TILPASNING AF LÆGEMIDDELAFGIVELSE FRA EN INFUSIONSPUMPANORDNING	DK2008772535T		DK2190504T3	2008-07-14	2014-01-15	Denmark
Data storage for an infusion pump system	EP2008831000	EP2198380A2	EP2198380B1	2008-07-16	2019-01-02	Europe
User profile backup system for an infusion pump device	EP2008830011	EP2206062A2		2008-07-16	-	Europe
Data storage for an infusion pump system	PCT/US2008/070148	WO2009035761A3		2008-07-16	-	WIPO
Data storage for an infusion pump system	PCT/US2008/070148	WO2009035761A2		2008-07-16	-	WIPO
User profile backup system for an infusion pump device	PCT/US2008/070150	WO2009035762A3		2008-07-16	-	WIPO
User profile backup system for an infusion pump device	PCT/US2008/070150	WO2009035762A2		2008-07-16	-	WIPO
Infusion pump systems and methods	US12/195034	US20100049164A1	US7959598B2	2008-08-20	2011-06-14	USA
Infusion pump system and methods	US12/251629	US20100094251A1	US8287487B2	2008-10-15	2012-10-16	USA
Portable modular infusion pump and media player	EP2008860351	EP2237816A2		2008-12-10	-	Europe
Infusion pump system and methods	US12/348162	US20100174266A1	US8974439B2	2009-01-02	2015-03-10	USA
Distribution of infusion pumps	US12/369554		US8234126B1	2009-02-11	2012-07-31	USA
Dispensing fluid from an infusion pump system	US12/422711	US20090198186A1	US7938803B2	2009-04-13	2011-05-10	USA
Infusion pump system	EP2009743447	EP2303363A1	EP2303363B1	2009-05-05	2013-12-11	Europe
Infusion pump system	PCT/US2009/042817	WO2009137461A1		2009-05-05	-	WIPO
INFUSIONSPUMPESYSTEM	DK2009743447T		DK2303363T3	2009-05-05	2013-12-11	Denmark

PATENT

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Schedule 1 to Notice of Grant of Security Interest in Patents

Title	Application Number	Publication Number	Patent Number	Application Date	Issue Date	Jurisdiction
Infusion pump systems and methods	EP2009791664	EP2344968A2	EP2344968B1	2009-08-19	2019-01-09	Europe
Infusion pump system and methods	EP2009740808	EP2353116A2	EP2353116B8	2009-10-15	2020-12-09	Europe
Infusion pump system and methods	PCT/US2009/060845	WO2010045460A9		2009-10-15	-	WIPO
Infusion pump system and methods	PCT/US2009/060845	WO2010045460A2		2009-10-15	-	WIPO
Infusion pump system and methods	CZ2009740808		CZ2353116B6	2009-10-15	2020-07-29	Switzerland
Infusion pump system and methods	EP2009801642	EP2374082A1	EP2374082B1	2009-12-31	2019-02-27	Europe
Infusion pump system and methods	PCT/US2009/069937	WO2010078508A1		2009-12-31	-	WIPO
Medicine dispensing device	US12/767570	US20100274192A1	US7998116B2	2010-04-26	2011-08-16	USA
Operating a portable medical device	US12/781450	US20100228186A1	US8109921B2	2010-05-17	2012-02-07	USA
Infusion pump	US29/362566		USD669165S1	2010-05-27	2012-10-16	USA
Infusion pump unit	US29/362567		USD669166S1	2010-05-27	2012-10-16	USA
Controller for an infusion pump	US29/362571		USD669167S1	2010-05-27	2012-10-16	USA
Infusion pump system	US12/817022	US20100256563A1	US8372039B2	2010-06-16	2013-02-12	USA
Infusion pump system	US12/817049	US20100256564A1	US8430847B2	2010-06-16	2013-04-30	USA
Infusion pump system	US12/817031	US20100256598A1	US8679060B2	2010-06-16	2014-03-25	USA
Wearable insulin dispensing device, and a combination of such a device and a programming controller	US12/818830	US20100256565A1	US8469920B2	2010-06-18	2013-06-25	USA
Infusion pump system with contamination-resistant features	US12/880695	US20100325864A1	US8152765B2	2010-09-13	2012-04-10	USA
Illumination instrument for an infusion pump	US12/898390	US20110021992A1	US8211062B2	2010-10-05	2012-07-03	USA
Infusion pump systems	EU001785171		EU0017851710001S	2010-11-24	2010-11-24	Europe
Infusion pump units	EU001785171		EU0017851710002S	2010-11-24	2010-11-24	Europe
Controllers for infusion pumps	EU001785171		EU0017851710003S	2010-11-24	2010-11-24	Europe
Portable infusion pump and media player	US12/968741	US20110082439A1	US8282626B2	2010-12-15	2012-10-09	USA
Disposable wearable insulin dispensing device, a combination of such a device and a programming controller and a method of controlling the operation of such a device	US13/005216	US20110137238A1	US8795233B2	2011-01-12	2014-08-05	USA
Occlusion sensing for an infusion pump	US13/008529	US20110118662A1	US8852141B2	2011-01-18	2014-10-07	USA
Operating an infusion pump system	US13/009644	US20110112504A1	US8622966B2	2011-01-19	2014-01-07	USA
Infusion pump systems and methods	US13/023820	US20120203178A1	US8852152B2	2011-02-09	2014-10-07	USA
Activity sensing techniques for an infusion pump system	US13/025857	US20110130716A1	US8328754B2	2011-02-11	2012-12-11	USA
Infusion pump systems and methods	US13/049588	US20120238999A1	US8454581B2	2011-03-16	2013-06-04	USA
Infusion pump systems and methods	US13/071061	US20110172635A1	US8221385B2	2011-03-24	2012-07-17	USA
Dispensing fluid from an infusion pump system	US13/070569	US20110190705A1	US8282601B2	2011-03-24	2012-10-09	USA
Infusion pump system	US13/072874	US20110178498A1	US827435B2	2011-03-28	2012-10-02	USA
Data storage for an infusion pump system	US13/095632	US20110202004A1	US8211093B2	2011-04-27	2012-07-03	USA
Removable controller for an infusion pump	US13/160191	US20120016304A1	US8641673B2	2011-06-14	2014-02-04	USA
Operating an infusion pump system	US13/161292	US20110245773A1	US8696633B2	2011-06-15	2014-04-15	USA
Dispensing fluid from an infusion pump system	US13/164987	US20120330270A1	US8585657B2	2011-06-21	2013-11-19	USA
Medicine dispensing device	US13/182107	US20110270160A1	US8226608B2	2011-07-13	2012-07-24	USA

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Title	Application Number	Publication Number	Patent Number	Application Date	Issue Date	Jurisdiction
Occlusion detection for an infusion pump system	US13/226689	US20130060194A1	US8808230B2	2011-09-07	2014-08-19	USA
Dispensing fluid from an infusion pump system	US13/251865	US20120022496A1	US8551046B2	2011-10-03	2013-10-08	USA
User profile backup system for an infusion pump device	US13/251869	US20120029708A1	US8551070B2	2011-10-03	2013-10-08	USA
Operating a portable medical device	US13/344836	US20120109100A1	US8870853B2	2012-01-06	2014-10-28	USA
Dispensing fluid from an infusion pump system	US13/358330	US20120123384A1	US8747368B2	2012-01-25	2014-06-10	USA
Dispensing fluid from an infusion pump system	US13/361361	US20120130312A1	US8747369B2	2012-01-30	2014-06-10	USA
Infusion pump systems and methods	EP2012711731	EP2686799A1	EP2686799B1	2012-03-15	2020-09-02	Europe
Infusion pump systems and methods	PCT/US2012/029225	WO2012125827A1		2012-03-15	-	WIPO
Infusion pump system with contamination-resistant features	US13/429812	US20120179101A1	US8647302B2	2012-03-26	2014-02-11	USA
Illumination instrument for an infusion pump	US13/468070	US20120218740A1	US8454575B2	2012-05-10	2013-06-04	USA
Data storage for an infusion pump system	US13/468077	US20120220936A1	US8685002B2	2012-05-10	2014-04-01	USA
Method and System for Manual and Autonomous Control of an Infusion Pump	US13/468669	US20120220940A1		2012-05-10	-	USA
Method and system for manual and autonomous control of an infusion pump	US13/489603	US20120245522A1	US9205192B2	2012-06-06	2015-12-08	USA
Method and system for manual and autonomous control of an infusion pump	US13/490602	US20120245523A1	US9114209B2	2012-06-07	2015-08-25	USA
Method and System for Manual and Autonomous Control of an Infusion Pump	US13/491828	US20120245524A1		2012-06-08	-	USA
Autonomous pump systems and methods	US13/524200	US20120265126A1	US9078963B2	2012-06-15	2015-07-14	USA
Medicine dispensing device	US13/526967	US20120259310A1	US8905995B2	2012-06-19	2014-12-09	USA
Dispensing fluid from an infusion pump system	EP2012731866	EP2723424A2	EP2723424B1	2012-06-21	2016-04-27	Europe
Dispensing fluid from an infusion pump system	PCT/US2012/043558	WO2012177885A3		2012-06-21	-	WIPO
Dispensing fluid from an infusion pump system	PCT/US2012/043558	WO2012177885A2		2012-06-21	-	WIPO
Dispensing fluid from an infusion pump system	CZ2012731866		CZ2723424B6	2012-06-21	2016-04-27	Switzerland
Distribution of infusion pumps	US13/534235		US8543418B1	2012-06-27	2013-09-24	USA
Infusion pump system and method	US13/553027		US8454557B1	2012-07-19	2013-06-04	USA
Infusion pump system and method	US13/553921		US8454562B1	2012-07-20	2013-06-04	USA
Occlusion detection for an infusion pump system	EP2012762136	EP2753378A1	EP2753378B1	2012-09-06	2017-05-10	Europe
Occlusion detection for an infusion pump system	PCT/US2012/053912	WO2013036605A1		2012-09-06	-	WIPO
Occlusion detection for an infusion pump system	CZ2012762136		CZ2753378B6	2012-09-06	2017-05-10	Switzerland
Power management techniques for an infusion pump system	US13/613160	US20130012917A1	US9415158B2	2012-09-13	2016-08-16	USA
Infusion pump system	US13/613620	US20130053818A1	US8790294B2	2012-09-13	2014-07-29	USA
Infusion pump system and methods	US13/613846	US20130053819A1	US9114210B2	2012-09-13	2015-08-25	USA
Portable infusion pump and media player	US13/613375	US20130060225A1	US9314566B2	2012-09-13	2016-04-19	USA
Method for dispensing fluid from an infusion pump system	US13/616303	US20130046276A1	US8480623B2	2012-09-14	2013-07-09	USA

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Title	Application Number	Publication Number	Patent Number	Application Date	Issue Date	Jurisdiction
Activity sensing techniques for an infusion pump system	US13/616164	US20130053820A1	US8622990B2	2012-09-14	2014-01-07	USA
Infusion pump unit	US29/4322231		USD687541S1	2012-09-14	2013-08-06	USA
Infusion pump	US29/432228		USD691258S1	2012-09-14	2013-10-08	USA
Controller for an infusion pump	US29/432230		USD691259S1	2012-09-14	2013-10-08	USA
Infusion pump system and methods	US13/652995	US20140107607A1	US9901677B2	2012-10-16	2018-02-27	USA
Infusion pump system and method	US13/684985	US20140025002A1	US8945044B2	2012-11-26	2015-02-03	USA
Wearable insulin dispensing device, and a combination of such a device and a programming controller	US13/705638	US20130102964A1	US8801655B2	2012-12-05	2014-08-12	USA
Infusion pump system and method	US13/709296	US20140163462A1	US9427523B2	2012-12-10	2016-08-30	USA
Computer-based diabetes management	US13/738466	US20140128705A1	US9833191B2	2013-01-10	2017-12-05	USA
Infusion pump systems and methods	US13/760596	US20130150824A1	US9132234B2	2013-02-06	2015-09-15	USA
Operating an infusion pump system	US13/782468	US20140249500A1	US9446186B2	2013-03-01	2016-09-20	USA
Infusion Pump System and Methods	US13/828773	US20140276536A1		2013-03-14	-	USA
Illumination instrument for an infusion pump	US13/886775	US20130243612A1	US8834420B2	2013-05-03	2014-09-16	USA
Pump system and method	US13/886589	US20140025008A1	US9517300B2	2013-05-03	2016-12-13	USA
Infusion pump system and method	US13/908513	US20140335811A1	US9446187B2	2013-06-03	2016-09-20	USA
Infusion pump system and method	US13/908616	US20140338112A1	US9457141B2	2013-06-03	2016-10-04	USA
Dispensing fluid from an infusion pump system	US13/936684	US20130296789A1	US9814830B2	2013-07-08	2017-11-14	USA
Pump system and method	EP2013820259	EP2874680A4	EP2874680B1	2013-07-19	2021-01-20	Europe
Infusion pump system	EP2013820586	EP2874681A1	EP2874681B1	2013-07-19	2020-09-02	Europe
Infusion pump system and method	US13/946330	US20150025498A1	US9561324B2	2013-07-19	2017-02-07	USA
Infusion pump system and method	PCT/US2013/051252	WO2014015239A1		2013-07-19	-	WIPO
Pump system and method	PCT/US2013/051273	WO2014015257A1		2013-07-19	-	WIPO
Distribution of infusion pumps	US14/0332676	US20140019158A1	US9141765B2	2013-09-20	2015-09-22	USA
Dispensing fluid from an infusion pump system	US14/035119	US20140018735A1	US9314569B2	2013-09-24	2016-04-19	USA
Infusion pump system and methods	EP2013847858	EP2908883A4		2013-10-04	-	Europe
Infusion pump system and methods	PCT/US2013/063513	WO2014062399A1		2013-10-04	-	WIPO
User profile backup system for an infusion pump device	US14/047142	US20140039455A1	US9381302B2	2013-10-07	2016-07-05	USA
Infusion Pump System	US14/092532	US20140088557A1		2013-11-27	-	USA
Infusion pump system, an infusion pump unit and an infusion pump	US14/094035	US20140094753A1	US8961462B2	2013-12-02	2015-02-24	USA
Infusion pump system and method	US14/094185	US20150151050A1	US10569015B2	2013-12-02	2020-02-25	USA
Activity sensing techniques for an infusion pump system	US14/098742	US20140094766A1	US8894628B2	2013-12-06	2014-11-25	USA
Infusion pump system and method	EP2013862133	EP2928523A4		2013-12-09	-	Europe
Infusion pump system and method	PCT/US2013/073883	WO2014093226A1		2013-12-09	-	WIPO
Removable controller for an infusion pump	US14/135960	US20140114252A1	US9440021B2	2013-12-20	2016-09-13	USA
Operating an infusion pump system	US14/146885	US20140121633A1	US9539388B2	2014-01-03	2017-01-10	USA
Operating an infusion pump system	EP2014756333	EP2961394A4		2014-02-28	-	Europe
Operating an infusion pump system	PCT/US2014/019441	WO2014134459A1		2014-02-28	-	WIPO
Infusion pump system and methods	EP2014774894	EP2968759A4	EP2968759B1	2014-03-07	2019-12-18	Europe

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Title	Application Number	Publication Number	Patent Number	Application Date	Issue Date	Jurisdiction
Infusion pump system and methods	PCT/US2014/021934	WO2014159095A3		2014-03-07	-	WIPO
Infusion pump system and methods	PCT/US2014/021934	WO2014159095A2		2014-03-07	-	WIPO
Infusion pump system and methods	CZ2014774894		CZ2968759B6	2014-03-07	2019-12-18	Switzerland
Operating an infusion pump system	US14/208490	US20140276431A1	US9517301B2	2014-03-13	2016-12-13	USA
Data storage for an infusion pump system	US14/228535	US20140213977A1	US9522232B2	2014-03-28	2016-12-20	USA
Discretionary insulin delivery systems and methods	EP2014726270	EP2986215A1	EP2986215B1	2014-04-16	2020-08-19	Europe
Discretionary insulin delivery systems and methods	US14/254684	US20140309615A1		2014-04-16	-	USA
Infusion Pump System	US14/290682	US20150057615A1		2014-05-29	-	USA
Infusion pump system and method	EP2014807248	EP3003425A4		2014-06-02	-	Europe
Infusion pump system and method	EP2014807043	EP3003427A4	EP3003427B1	2014-06-02	2020-03-18	Europe
Infusion pump system and method	PCT/US2014/040544	WO2014197388A1		2014-06-02	-	WIPO
Infusion pump system and method	PCT/US2014/040549	WO2014197389A1	CZ3003427B6	2014-06-02	2020-03-18	WIPO
Infusion pump system and method	CZ2014807043		US9295777B2	2014-06-09	2016-03-29	Switzerland
Disposable wearable insulin dispensing device, a combination of such a device and a programming controller and a method of controlling the operation of such a device	US14/299183	US20140323957A1		2014-06-09		USA
Dispensing fluid from an infusion pump system	US14/299177	US2014035813A1	US10064993B2	2014-06-09	2018-09-04	USA
Glucagon administration system and methods	US14/320863	US20160000998A1	US9629901B2	2014-07-01	2017-04-25	USA
Infusion pump system and method	EP2014826694	EP3021895A4	EP3021895B1	2014-07-17	2019-05-01	Europe
Infusion pump system and method	PCT/US2014/047023	WO2015009928A1		2014-07-17	-	WIPO
Infusion pump system	US14/339642	US20140336570A1	US9731072B2	2014-07-24	2017-08-15	USA
Wearable insulin dispensing device, and a combination of such a device and a programming controller	US14/449439	US20140343496A1	US9308319B2	2014-08-01	2016-04-12	USA
Infusion pump assembly and method	US14/453596	US20160038675A1	US10137246B2	2014-08-06	2018-11-27	USA
Method for occlusion detection for an infusion pump system	US14/461678	US20150005736A1	US9610404B2	2014-08-18	2017-04-04	USA
Infusion pump system and method	US14/468425	US20160058939A1	US9919096B2	2014-08-26	2018-03-20	USA
Operating a portable medical device	US14/504899	US20150038939A1	US10226572B2	2014-10-02	2019-03-12	USA
Occlusion sensing for an infusion pump	US14/506933	US20150025462A1	US9474854B2	2014-10-06	2016-10-25	USA
Infusion pump systems and methods	US14/506942	US20150025463A1	US9259529B2	2014-10-06	2016-02-16	USA
Actively sensing techniques for an infusion pump system	US14/548953	US20150080789A1	US9254362B2	2014-11-20	2016-02-09	USA
Infusion pump system and method	PCT/US2014/067665	WO2015084673A1		2014-11-26	-	WIPO
Medicine dispensing device	US14/562951	US20150094663A1	US10105483B2	2014-12-08	2018-10-23	USA
Infusion pump system and method	US14/574763	US20150105726A1	US9545476B2	2014-12-18	2017-01-17	USA
Infusion pump system, an infusion pump unit and an infusion pump	US14/580669	US20150174316A1	US9463272B2	2014-12-23	2016-10-11	USA
Infusion Pump System and Methods	US14/608740	US20150141912A1		2015-01-29	-	USA
Operating an infusion pump system	US14/699341	US20160317743A1	US9878097B2	2015-04-29	2018-01-30	USA
Insulin Delivery Systems And Methods	201580031026.50	106456870A		8-Jun-15		China
Insulin delivery systems and methods	AU2015274894	AU2015274894A1	AU2015274894B2	2015-06-08	2018-11-15	Australia

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Title	Application Number	Publication Number	Patent Number	Application Date	Issue Date	Jurisdiction
Insulin delivery systems and methods	CA2950966	CA2950966A1	CA2950966C	2015-06-08	2019-07-09	Canada
Insulin delivery systems and methods	EP2015807000	EP3154607A4		2015-06-08	-	Europe
Insulin on board calculation, schedule and delivery	US14/733567	US20150352282A1	US10188793B2	2015-06-08	2019-01-29	USA
Insulin delivery systems and methods	PCT/US2015/034705	WO2015191459A1		2015-06-08	-	WIPO
Glucagon administration system and methods	EP2015815601	EP3164170A4		2015-07-01	-	Europe
Glucagon administration system and methods	PCT/US2015/038843	WO2016004210A1		2015-07-01	-	WIPO
Glucagon Administration System And Methods	201580035352.30			1-Jul-15		China
Infusion pump systems and methods	US14/797400	US20150314069A1	US9968729B2	2015-07-13	2018-05-15	USA
Infusion pump system and methods	US14/804563	US20150320933A1	US9844627B2	2015-07-21	2017-12-19	USA
Distribution of infusion pumps	US14/804599	US20150324894A1	US10152742B2	2015-07-21	2018-12-11	USA
Infusion pump assembly and method	EP2015829966	EP3177342A4		2015-08-06	-	Europe
Infusion pump systems and methods	US14/819929	US20150343143A1	US9801997B2	2015-08-06	2017-10-31	USA
Occlusion sensing for an infusion pump	US14/830841	US20150352279A1	US9480793B2	2015-08-20	2016-11-01	USA
Infusion Pump System And Method	201580045217.7	106604733A		25-Aug-2015		China
Infusion pump system and method	AU2015306681	AU2015306681A1	AU2015306681B2	2015-08-25	2019-08-15	Australia
Infusion pump system and method	EP2015834885	EP3185929A4		2015-08-25	-	Europe
Infusion pump system and method	PCT/US2015/046763	WO2016033092A1		2015-08-25	-	WIPO
Method to determine individualized insulin sensitivity and optimal insulin dose by linear regression, and related systems	US14/947347	US20160162797A1	US10456090B2	2015-11-20	2019-10-29	USA
Infusion pump system and method	US14/964030	US20160095975A1	US9956339B2	2015-12-09	2018-05-01	USA
Operating an infusion pump system	US14/988697	US20160114105A1	US10449294B1	2016-01-05	2019-10-22	USA
Infusion pump system and methods	HK16102219	HK1214186A		2016-02-26	-	Hong Kong
Wearable insulin dispensing device, and a combination of such a device and a programming controller	US15/062401	US20160184513A1	US9757512B2	2016-03-07	2017-09-12	USA
Portable infusion pump and media player	US15/064880	US20160184511A1	US10376634B2	2016-03-09	2019-08-13	USA
Infusion pump assembly	US29/557657		USD809134S1	2016-03-10	2018-01-30	USA
Operating An Infusion Pump System	201680024575.40	107330032A		27-Apr-16		China
Operating an infusion pump system	EP2016787016	EP3288454A4		2016-04-27	-	Europe
Operating an infusion pump system	PCT/US2016/029440	WO2016176251A1		2016-04-27	-	WIPO
Discretionary insulin delivery systems and methods	HK16107679	HK1219631A		2016-07-01	-	Hong Kong
Operating an infusion pump system	HK16107901	HK1219878A		2016-07-06	-	Hong Kong
Infusion pump system and methods	HK16108316	HK1220152A		2016-07-15	-	Hong Kong
Infusion pump system and method	US15/217595	US2016034465A1	US10232108B2	2016-07-22	2019-03-19	USA
Power management techniques for an infusion pump system	US15/228654	US20170128668A1	US10226575B2	2016-08-04	2019-03-12	USA
Removable controller for an infusion pump	US15/234410	US2016034460A1	US9962482B2	2016-08-11	2018-05-08	USA
Infusion pump system and method	US15/240208	US20160354544A1	US10716895B2	2016-08-18	2020-07-21	USA
Operating an infusion pump system	US15/240220	US20170043084A1	US10661007B2	2016-08-18	2020-05-26	USA
Activity sensing techniques for an infusion pump system	US15/285872	US20170021101A1	US10117993B2	2016-10-05	2018-11-06	USA

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Infusion pump system and method	HK16111850	HK1223576A		2016-10-13	-	Hong Kong
Infusion pump system and method	HK16111851	HK1223577A		2016-10-13	-	Hong Kong
Infusion pump system and method	HK16111851	HK1223577A1		2016-10-13	2021-01-08	Hong Kong
Occlusion sensing for an infusion pump	US15/298676	US20170100538A1	US9717849B2	2016-10-20	2017-08-01	USA
Infusion pump system and method	HK16113045	HK1224611A		2016-11-14	-	Hong Kong
Infusion pump system and method	HK16113045	HK1224611A1		2016-11-14	2019-12-27	Hong Kong
Operating an infusion pump system	US15/370279	US20170080147A1	US9872957B2	2016-12-06	2018-01-23	USA
Insulin delivery controller	US29/587300		USD836769S1	2016-12-12	2018-12-25	USA
Infusion pump system and method	US15/383176	US20170100536A1	US10207047B2	2016-12-19	2019-02-19	USA
Operating Multi-Modal Medicine Delivery Systems	201680077880.X	108472440A		20-Dec-16		China
Operating multi-modal medicine delivery systems	AU2016385454	AU2016385454A1		2016-12-20	-	Australia
Operating multi-modal medicine delivery systems	CA3009409	CA3009409A1		2016-12-20	-	Canada
Operating multi-modal medicine delivery systems	EP2016823461	EP3374900A1		2016-12-20	-	Europe
動作するバルブ・モーター・薬剤デリバリー・システム	JP2018530867	JP2019509770A		2016-12-20	-	Japan
Operating multi-modal medicine delivery systems	US15/384493	US20170189614A1		2016-12-20	-	USA
Operating multi-modal medicine delivery systems	PCT/US2016/067676	WO2017120026A1		2016-12-20	-	WIPO
User interface for diabetes management system	EP2017702192	EP3374905A1		2017-01-10	-	Europe
User interface for diabetes management system	US15/402493	US20170199985A1	US10275573B2	2017-01-10	2019-04-30	USA
User interface for diabetes management system	PCT/US2017/012806	WO2017123525A1		2017-01-10	-	WIPO
Occlusion resolution in medication delivery devices, systems, and methods	EP2017701779	EP3402548A2		2017-01-12	-	Europe
Occlusion resolution in medication delivery devices, systems, and methods	US15/404442	US20170203036A1	US10610643B2	2017-01-12	2020-04-07	USA
Occlusion resolution in medication delivery devices, systems, and methods	PCT/US2017/013112	WO2017123703A2		2017-01-12	-	WIPO
ADJUSTING INSULIN DELIVERY RATES	201780007771.50	108495665A		13-Jan-17		China
Adjusting insulin delivery rates	AU2017207484	AU2017207484A1		2017-01-13	-	Australia
Adjusting insulin delivery rates	CA3009351	CA3009351A1		2017-01-13	-	Canada
Adjusting insulin delivery rates	EP2017739083	EP3374004A4		2017-01-13	-	Europe
Adjusting insulin delivery rates	EP2018178056	EP3443998A1		2017-01-13	-	Europe
Adjusting insulin delivery rates	EP2018178057	EP3453414A1		2017-01-13	-	Europe
インスリン・デリバリー量の調節	JP2018530882	JP2019509074A		2017-01-13	-	Japan
Adjusting insulin delivery rates	US15/406313	US20170203037A1	US10307538B2	2017-01-13	2019-06-04	USA
Adjusting insulin delivery rates	US15/406329	US20170203038A1	US10835671B2	2017-01-13	2020-11-17	USA
Adjusting insulin delivery rates	US15/406349	US20170203039A1	US10780223B2	2017-01-13	2020-09-22	USA
Adjusting insulin delivery rates	US15/406339	US20170223195A1	US10806859B2	2017-01-13	2020-10-20	USA
Adjusting insulin delivery rates	PCT/US2017/013521	WO2017124006A1		2017-01-13	-	WIPO

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Diabetes management system	EP2017739155	EP3373810A4		2017-01-17	-	Europe
Diabetes management system	US15/408047	US20170203030A1	US10293101B2	2017-01-17	2019-05-21	USA
Diabetes management system	PCT/US2017/013778	WO2017124099A1		2017-01-17	-	WIPO
INFUSION PUMP SYSTEM AND METHOD	201580045217.70	CN106604753		13-Feb-17		China
Secure communication architecture for medical devices	US15/431452		US9980140B1	2017-02-13	2018-05-22	USA
Glucagon administration system and methods	US15/462334	US20170189615A1	US10549037B2	2017-03-17	2020-02-04	USA
MEDICATION DELIVERY SYSTEMS, AND ICONS FOR CLOSED-LOOP MEDICATION DELIVERY DEVICES AND SYSTEMS	29/600,766			14-Apr-17		UNITED STATES
Insulin delivery system and methods with risk based set points	US15/601282	US20170332952A1		2017-05-22	-	USA
Insulin Delivery System And Methods With Risk Based Set Points	201780010342.30	108633250A		23-May-17		China
Insulin delivery system and methods with risk based set points	AU2017272095	AU2017272095A1		2017-05-23	-	Australia
Insulin delivery system and methods with risk based set points	CA3009831	CA3009831A1		2017-05-23	-	Canada
Insulin delivery system and methods with risk based set points	EP2017803425	EP3448248A4		2017-05-23	-	Europe
Insulin delivery system and methods with risk based set points	PCT/US2017/034012	WO2017205380A1		2017-05-23	-	WIPO
Display screen with graphical user interface for closed-loop medication delivery	US29/607911		USD839294S1	2017-06-16	2019-01-29	USA
Network topology for insulin pump systems	US15/688271	US20180060529A1	US10896245B2	2017-08-28	2021-01-19	USA
Network Topology For Insulin Pump Systems	201780010272.10	108601890A		29-Aug-17		China
Network topology for insulin pump systems	AU2017321337	AU2017321337A1		2017-08-29	-	Australia
Network topology for insulin pump systems	CA3009840	CA3009840A1		2017-08-29	-	Canada
Network topology for insulin pump systems	EP2017847332	EP3503943A4		2017-08-29	-	Europe
Network topology for insulin pump systems	PCT/US2017/049008	WO2018044832A1		2017-08-29	-	WIPO
Infusion pump systems and methods	US15/714084	US20180085522A1	US10576204B2	2017-09-25	2020-03-03	USA
Medicine Injection And Disease Management Systems, Devices, And Methods	201780059522.00	109789264A		27-Sep-17		China
Medicine Injection And Disease Management Systems, Devices, And Methods	201910969068.3	110675949A		27-Sep-2017		China
Medicine injection and disease management systems, devices, and methods	AU2017335762	AU2017335762A1		2017-09-27	-	Australia
Medicine injection and disease management systems, devices, and methods	CA3036266	CA3036266A1		2017-09-27	-	Canada
Personalizing preset meal sizes in insulin delivery system	EP2017857362	EP3518763A4		2017-09-27	-	Europe
Medicine injection and disease management systems, devices, and methods	EP2017857364	EP3519011A4		2017-09-27	-	Europe
Medicine injection and disease management systems, devices, and methods	US15/717805	US20180085532A1	US10426896B2	2017-09-27	2019-10-01	USA

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Personalizing preset meal sizes in insulin delivery system	US15/717845	US20180089395A1		2017-09-27	-	USA
Personalizing preset meal sizes in insulin delivery system	PCT/US2017/053811	WO2018064219A1		2017-09-27	-	WIPO
Medicine injection and disease management systems, devices, and methods	PCT/US2017/053814	WO2018064222A1		2017-09-27	-	WIPO
DISPLAY SCREEN OR PORTION THEREOF WITH GRAPHICAL USER INTERFACE ASSOCIATED WITH INSULIN DELIVERY	29/619,222			27-Sep-17		UNITED STATES
Display screen or portion thereof with graphical user interface associated with insulin delivery	US29/619225		USD863343S1	2017-09-27	2019-10-15	USA
Apparatus and equipment for delivering medication to a patient (part of -)	EU004396083		EU0043960830001S	2017-10-11	2017-10-11	Europe
Apparatus and equipment for delivering medication to a patient (part of -)	EU004396083		EU0043960830002S	2017-10-11	2017-10-11	Europe
Apparatus and equipment for delivering medication to a patient (part of -)	EU004396083		EU0043960830003S	2017-10-11	2017-10-11	Europe
Apparatus and equipment for delivering medication to a patient (part of -)	EU004396083		EU0043960830004S	2017-10-11	2017-10-11	Europe
Apparatus and equipment for delivering medication to a patient (part of -)	EU004396083		EU0043960830005S	2017-10-11	2017-10-11	Europe
Apparatus and equipment for delivering medication to a patient	EU004396083		EU0043960830006S	2017-10-11	2017-10-11	Europe
MEDICATION DELIVERY SYSTEMS, AND ICONS FOR CLOSED-LOOP MEDICATION DELIVERY DEVICES AND SYSTEMS	201730485005.20		ZL201730485005.2	12-Oct-17		China
Dispensing fluid from an infusion pump system	US15/783322	US20180085518A1	US10603431B2	2017-10-13	2020-03-31	USA
Glucagon administration system and methods	HK17111329	HK1237289A		2017-11-03	-	Hong Kong
Glucagon administration system and methods	HK17111524	HK1240515A		2017-11-08	-	Hong Kong
Computer-based diabetes management	US15/809816	US20180116589A1		2017-11-10	-	USA
Infusion Pump System and Methods	US15/811909	US20180093039A1		2017-11-14	-	USA
Infusion pump system and method	HK17111863	HK1237689A		2017-11-15	-	Hong Kong
Infusion pump assembly and method	HK17111866	HK1237690A		2017-11-15	-	Hong Kong
Alarms And Alerts For Medication Delivery Devices And Related Systems And Methods	201780068331.00	109922716A		12-Dec-17		China
Alarms and alerts for medication delivery devices and related systems and methods	AU2017376111	AU2017376111A1		2017-12-12	-	Australia
Alarms and alerts for medication delivery devices and related systems and methods	CA3037432	CA3037432A1		2017-12-12	-	Canada
Alarms and alerts for medication delivery devices and related systems and methods	EP2017882173	EP5500161A4		2017-12-12	-	Europe
Alarms and alerts for medication delivery devices and related systems and methods	US16/335163	US20190274624A1		2017-12-12	-	USA

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USER-INTERFACE FOR CLOSED-LOOP MEDICATION DELIVERY DEVICES AND SYSTEMS	201730641569.00		ZL 201730641569.0	15-Dec-17		China
Display screen for user-interface for closed-loop medication delivery devices and systems	CA178828D		CA178828S	2017-12-15	2018-11-19	Canada
User interfaces (part of -)	EU004547958		EU0045479580001S	2017-12-15	2017-12-15	Europe
Closed-loop medication delivery device with user interface	AU2017017721D		AU201717721S	2017-12-18	2018-02-06	Australia
Operating an infusion pump system	US15/848622	US20180133397A1	US10603433B2	2017-12-20	2020-03-31	USA
Operating an infusion pump system	US15/850355	US20180110920A1	US10307536B2	2017-12-21	2019-06-04	USA
System and method for adjusting insulin delivery	EP2018702853	EP3568858A1		2018-01-12	-	Europe
Insulin delivery methods, systems and devices	EP2018702854	EP3568859A1		2018-01-12	-	Europe
Insulin delivery methods, systems and devices	EP2018709156	EP3568860A1		2018-01-12	-	Europe
System and method for adjusting insulin delivery	EP2018703123	EP3568862A1		2018-01-12	-	Europe
System and method for adjusting insulin delivery	US15/870591	US20180200434A1	US10881792B2	2018-01-12	2021-01-05	USA
System and method for adjusting insulin delivery	US15/870609	US20180200435A1	US10881793B2	2018-01-12	2021-01-05	USA
System and method for adjusting insulin delivery	US15/870646	US20180200436A1	US10758675B2	2018-01-12	2020-09-01	USA
System and method for adjusting insulin delivery	US15/870666	US20180200437A1	US10500334B2	2018-01-12	2019-12-10	USA
System and method for adjusting insulin delivery	US15/870674	US20180200438A1	US10583250B2	2018-01-12	2020-03-10	USA
Insulin delivery methods, systems and devices	US15/870686	US20180200439A1	US10610644B2	2018-01-12	2020-04-07	USA
Insulin delivery methods, systems and devices	US15/870703	US20180200440A1		2018-01-12	-	USA
Insulin delivery methods, systems and devices	US15/870717	US20180200441A1		2018-01-12	-	USA
Infusion Pump System and Methods	US15/882562	US20180161498A1		2018-01-29	-	USA
Infusion pump system and method	US15/891125	US20180161494A1	US10661008B2	2018-02-07	2020-05-26	USA
Infusion Pump System and Method	US15/893145	US20180161495A1		2018-02-09	-	USA
Infusion Pump System and Methods	US15/904855	US20180177939A1		2018-02-26	-	USA
Operating an infusion pump system	HK18103754	HK1244195A		2018-03-19	-	Hong Kong
DISPLAY SCREEN OR PORTION THEREOF WITH GRAPHICAL USER INTERFACE ASSOCIATED WITH INSULIN DELIVERY			29/642,496	29-Mar-18		UNITED STATES
ONE OR MORE ICONS FOR MEDICATION DELIVERY DEVICES AND SYSTEMS			29/642,766	2-Apr-18		UNITED STATES
Infusion pump systems and methods	US15/948356	US20180221567A1	US10737015B2	2018-04-09	2020-08-11	USA
Secure communication architecture for medical devices	US15/959450		US10341866B1	2018-04-23	2019-07-02	USA
Replacement cap for pen-injector device	US29/645954		USD889638S1	2018-04-30	2020-07-07	USA
Multi-scale display of blood glucose information	EP2018749260	EP3651646A1		2018-07-13	-	Europe

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Multi-scale display of blood glucose information	EP201875531	EP361647A1		2018-07-13	-	Europe
Multi-scale display of blood glucose information	US16/035206	US20190015024A1		2018-07-13	-	USA
Multi-scale display of blood glucose information	US16/035230	US20190015025A1		2018-07-13	-	USA
Screen displays	EU005654811		EU0056548110001S	2018-09-24	2018-09-24	Europe
Animated icons	EU005654878		EU0056548780001S	2018-09-24	2018-09-24	Europe
Animated icons	EU005654878		EU0056548780002S	2018-09-24	2018-09-24	Europe
USER-INTERFACE FOR CLOSED-LOOP MEDICATION DELIVERY DEVICES AND SYSTEMS	20183051829.X			29-Sep-18		China
Injection devices (part of -)	EU005800067		EU0058000670001S	2018-10-17	2018-10-17	Europe
Injection devices (part of -)	EU005800067		EU0058000670002S	2018-10-17	2018-10-17	Europe
Infusion pump assembly and method	US16/168148	US20190054236A1		2018-10-23	-	USA
Replacement cap for pen-injector devices	201830608847.70		201830608847.7	30-Oct-18		China
Actively sensing techniques for an infusion pump system	US16/178689	US20190070361A1	US10632257B2	2018-11-02	2020-04-28	USA
Distribution of infusion pumps	US16/199899	US20190139126A1	US10636077B2	2018-11-26	2020-04-28	USA
Display screen with graphical user interface for closed-loop medication delivery	US29/671799		USD852837S1	2018-11-29	2019-07-02	USA
Insulin on board calculation, schedule and delivery	US16/213799	US20190105444A1		2018-12-07	-	USA
THERAPY ASSIST INFORMATION AND/OR TRACKING DEVICE AND RELATED METHODS AND SYSTEMS	CN201880080537	CN112041936A		12-Dec-18		China
THERAPY MANAGEMENT SYSTEMS, METHODS, AND DEVICES	CN201880080699	CN111788635A		12-Dec-18		China
Therapy management systems, methods, and devices	AU2018383731	AU2018383731A1		2018-12-12	-	Australia
Therapy assist information and/or tracking device and related methods and systems	AU2018383743	AU2018383743A1		2018-12-12	-	Australia
Therapy management systems, methods, and devices	CA3084378	CA3084378A1		2018-12-12	-	Canada
Therapy assist information and/or tracking device and related methods and systems	CA3084613	CA3084613A1		2018-12-12	-	Canada
User interface for diabetes management systems and devices	EP2018839961	EP3723696A1		2018-12-12	-	Europe
Devices, systems, and methods for estimating active medication from injections	EP2018839960	EP3724887A1		2018-12-12	-	Europe
Therapy management systems, methods, and devices	EP2018840106	EP3724888A1		2018-12-12	-	Europe
Therapy assist information and/or tracking device and related methods and systems	EP2018852783	EP3724889A2		2018-12-12	-	Europe

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Medicine injection and disease management systems, devices, and methods	EP2018839959	EP3724891A1		2018-12-12	-	Europe
Therapy assist information and/or tracking device and related methods and systems	IL.275301	IL.275301A		2018-12-12	-	Israel
User interface for diabetes management systems and devices	US16/218288	US20190175833A1		2018-12-12	-	USA
Diabetes therapy management systems, methods, and devices	US16/218056	US20190175841A1		2018-12-12	-	USA
User interface for diabetes management systems including flash glucose monitor	US16/218135	US20190183434A1		2018-12-12	-	USA
Medicine injection and disease management systems, devices, and methods	US16/217934	US20190184091A1		2018-12-12	-	USA
Pen cap for insulin injection pens and associated methods and systems	US16/218142	US20190184092A1		2018-12-12	-	USA
Devices, systems, and methods for estimating active medication from injections	US16/218168	US20190184093A1		2018-12-12	-	USA
Alarms and alerts in diabetes management system	US16/218231	US20190184094A1		2018-12-12	-	USA
Therapy assist information and/or tracking device and related methods and systems	US16/218026	US20190184107A1		2018-12-12	-	USA
Insulin injection assistance systems, methods, and devices	US16/218212	US20190184108A1		2018-12-12	-	USA
Therapy management systems, methods, and devices	US16/218268	US20190184109A1		2018-12-12	-	USA
Pen cap for medication injection pen having temperature sensor	US16/218251	US20190184111A1		2018-12-12	-	USA
Therapy assist information and/or tracking device and related methods and systems	PCT/US2018/065067	WO2019118531A2		2018-12-12	-	WIPO
Therapy assist information and/or tracking device and related methods and systems	PCT/US2018/065067	WO2019118531A3		2018-12-12	-	WIPO
Therapy assist information and/or tracking device and related methods and systems	PCT/US2018/065067	WO2019118531A4		2018-12-12	-	WIPO
Medicine injection and disease management systems, devices, and methods	PCT/US2018/065069	WO2019118532A1		2018-12-12	-	WIPO
Therapy management systems, methods, and devices	PCT/US2018/065077	WO2019118537A1		2018-12-12	-	WIPO
Therapy management systems, methods, and devices	PCT/US2018/065077	WO2019118537A4		2018-12-12	-	WIPO
Devices, systems, and methods for estimating active medication from injections	PCT/US2018/065078	WO2019118538A1		2018-12-12	-	WIPO
User interface for diabetes management systems and devices	PCT/US2018/065082	WO2019118541A1		2018-12-12	-	WIPO
Occlusion resolution in medication delivery devices, systems, and methods	HK18116001	HK1256995A		2018-12-13	-	Hong Kong
Diabetes management system	HK18116002	HK1256996A		2018-12-13	-	Hong Kong

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Operating multi-modal medicine delivery systems	HK18116218	HK1257215A		2018-12-18	-	Hong Kong
User interface for diabetes management system	HK18116305	HK1257246A		2018-12-19	-	Hong Kong
Adjusting insulin delivery rates	HK18116343	HK1257093A		2018-12-20	-	Hong Kong
DISPLAY SCREEN OR PORTION THEREOF WITH GRAPHICAL USER INTERFACE ASSOCIATED WITH INSULIN DELIVERY	29/676,276			9-Jan-19		UNITED STATES
DISPLAY SCREEN OR PORTION THEREOF WITH GRAPHICAL USER INTERFACE ASSOCIATED WITH INSULIN DELIVERY	29/676,277			9-Jan-19		UNITED STATES
Power Management Techniques for an Infusion Pump System	US16/256403	US20190151539A1		2019-01-24	-	USA
Infusion Pump System and Method	US16/260691	US20190160224A1		2019-01-29	-	USA
Diabetes management system	US16/290096	US20190192764A1	US10758670B2	2019-03-01	2020-09-01	USA
User interface for diabetes management system	US16/360751	US20190221307A1		2019-03-21	-	USA
Insulin delivery system and methods with risk based set points	HK19121584	HK1261699A		2019-03-28	-	Hong Kong
Time management for time-dependent therapy management systems, methods, and devices	US16/380081	US20190307957A1		2019-04-10	-	USA
Time management for time-dependent therapy management systems, methods, and devices	PCT/US2019/026716	WO2019199920A1		2019-04-10	-	WIPO
Adjusting insulin delivery rates	US16/393831	US20190247578A1		2019-04-24	-	USA
Therapy devices, methods, and systems including a piston-style detector	AU2019263401	AU2019263401A1		2019-05-02	-	Australia
Therapy devices, methods, and systems including a piston-style detector	CA3099029	CA3099029A1		2019-05-02	-	Canada
Therapy devices, methods, and systems including a piston-style detector	IL278443	IL278443A		2019-05-02	-	Israel
Therapy devices, methods, and systems including a piston-style detector	PCT/US2019/030384	WO2019213385A1		2019-05-02	-	WIPO
THERAPY DEVICES, METHODS, AND SYSTEMS INCLUDING A PISTON-STYLE DETECTOR	201910368706.60	CN110432912 A		5-May-19		China
Medical device holder for guide wires, catheters, and the like	CA187331D		CA187331S	2019-05-06	2021-01-08	Canada
Adjusting insulin delivery rates	HK19123372	HK40000206A		2019-05-07	-	Hong Kong
Adjusting insulin delivery rates	HK19123477	HK40000255A		2019-05-08	-	Hong Kong
Presenting insulin therapy insights that include pre-generated content at an electronic device and related systems, and methods	US16/442271	US20190381243A1		2019-06-14	-	USA
Receiving insulin therapy information related to insulin-based management of a person with diabetes (PWD)	US16/442252	US20190385721A1		2019-06-14	-	USA

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Presenting insulin therapy setting recommendations associated with a therapy insight for a person with diabetes (PWD) and related methods	US16/442281	US20190385728A1		2019-06-14	-	USA
Automated provisioning of clinical advice associated with a patient with diabetes (PWD) and related systems, methods, and devices	US16/442238	US20190385752A1		2019-06-14	-	USA
Alarms and alerts for medication delivery devices and related systems and methods	HK19125966	HK40002437A		2019-06-27	-	Hong Kong
Network topology for insulin pump systems	HK19126738	HK40003339A		2019-07-12	-	Hong Kong
Therapy data management system	US16/528149	US20200043590A1		2019-07-31	-	USA
Therapy data management system	PCT/US2019/044464	WO2020028548A1		2019-07-31	-	WIPO
Medicine injection and disease management systems, devices, and methods	US16/566544	US20200001018A1		2019-09-10	-	USA
Method to determine individualized insulin sensitivity and optimal insulin dose by linear regression, and related systems	US16/577719	US20200015760A1		2019-09-20	-	USA
Medicine injection and disease management systems, devices, and methods	HK19130256	HK40006679A		2019-09-27	-	Hong Kong
Personalizing preset meal sizes in insulin delivery system	HK19131627	HK40008199A		2019-10-29	-	Hong Kong
Medical device holder and assembly	PCT/US2019/059872	WO2020097081A1		2019-11-05	-	WIPO
System and method for adjusting insulin delivery	HK19132873	HK40009489A		2019-11-27	-	Hong Kong
Insulin delivery methods, systems and devices	HK19132875	HK40009491A		2019-11-27	-	Hong Kong
Insulin delivery methods, systems and devices	HK19133037	HK40009268A		2019-12-02	-	Hong Kong
System and method for adjusting insulin delivery	HK19133038	HK40009269A		2019-12-02	-	Hong Kong
System and method for adjusting insulin delivery	US16/706204	US20200108204A1		2019-12-06	-	USA
Glucagon administration system and methods	US16/720821	US20200171242A1		2019-12-19	-	USA
Infusion Pump System and Method	US16/743332	US20200147305A1		2020-01-15	-	USA
Discretionary insulin delivery systems and methods	US16/789162	US20200179602A1		2020-02-12	-	USA
Operating an infusion pump system	US16/796184	US20200188588A1		2020-02-20	-	USA
Occlusion resolution in medication delivery devices, systems, and methods	US16/802753	US20200206421A1		2020-02-27	-	USA
System and method for adjusting insulin delivery	US16/811765	US20200197608A1		2020-03-06	-	USA
Insulin delivery methods, systems and devices	US16/822934	US20200215267A1		2020-03-18	-	USA
Distribution of Infusion Pumps	US16/822621	US20200219174A1		2020-03-18	-	USA
MEDICATION DELIVERY SIMULATION SYSTEM	63/011,729			4/17/2020		USA
Medicine injection and disease management systems, devices, and methods	HK42020007163	HK40017411A		2020-05-09	-	Hong Kong

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Therapy devices, methods, and systems including a piston-style detector	HK42020007172	HK40017415A		2020-05-09	-	Hong Kong
Multi-scale display of blood glucose information	HK62020008086	HK40017943A		2020-05-26	-	Hong Kong
Multi-scale display of blood glucose information	HK62020008089	HK40017944A		2020-05-26	-	Hong Kong
Therapy assist information and/or tracking device and related methods and systems	IN202027023258	IN202027023258A		2020-06-03	-	India
Infusion pump system and methods	US16/892100	US20200360606A1		2020-06-03	-	USA
Missed-bolus dose detection and related systems, methods and devices	PCT/US2020/070127	WO2020252496A1		2020-06-08	-	WIPO
Therapy assist information and/or tracking device and related methods and systems	IL275301	IL275301D0		2020-06-11	-	Israel
Infusion pump system and methods	US16/928213	US20200338266A1		2020-07-14	-	USA
Diabetes management system	US16/947227	US20200353161A1		2020-07-23	-	USA
Infusion pump systems and methods	US16/947627	US20200368426A1		2020-08-10	-	USA
Adjusting insulin delivery rates	US16/947921	US20200376197A1		2020-08-24	-	USA
System and method for adjusting insulin delivery	US17/007305	US20200397989A1		2020-08-31	-	USA
ADJUSTING INSULIN THERAPY SETTING BASED ON VARIABILITY OF BLOOD GLUCOSE VALUES	PCT/US2020/070641			9/10/2020		WIPO
INJECTION SITE DETERMINATION SYSTEMS AND METHODS FOR INJECTION SITE TRACKING AND RECOMMENDING INJECTION SITES	63/086,847			10/2/2020		USA
Therapy devices, methods, and systems including a piston-style detector	IN202047048278	IN202047048278A		2020-11-05	-	India
DETERMINING TOTAL DAILY BASAL DOSE MISMATCH	PCT/US20/70828			11/30/2020		WIPO
DETERMINING WHETHER ADJUSTMENTS OF INSULIN THERAPY RECOMMENDATIONS ARE BEING TAKEN INTO ACCOUNT	PCT/US20/70829			11/30/2020		WIPO
NETWORK TOPOLOGY FOR INSULIN PUMP SYSTEMS	17/247,600			12/17/2020		USA
Adjusting Insulin Delivery Rates	AU2020294328	AU2020294328A1		2020-12-24	-	Australia
VISUALIZING OUTCOMES OF APPLYING RECOMMENDED INSULIN THERAPY SETTINGS, AND RELATED SYSTEMS AND DEVICES	63/132,871			12/31/2020		USA
INFUSION PUMP SYSTEM	AT8276572006	AT439155T		11/8/2006		AT
INFUSION PUMP SYSTEM AND - UNIT	AT94995798	AT293465T		10/21/1998		AT

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Title	Application Number	Publication Number	Patent Number	Application Date	Issue Date	Jurisdiction
A disposable wearable insulin dispensing device, a combination of such a device and a programming controller and a method of controlling the operation of such a device	AU2003280307	AU2003280307A8		11/4/2003		AU
An infusion pump system and an infusion pump unit	AU9621898	AU9621898A		10/21/1998		AU
AN INFUSION PUMP SYSTEM, AN INFUSION PUMP UNIT AND AN INFUSION PUMP	AU2003245872	AU2003245872A1		7/21/2003		AU
Flexible piston rod	AU2003291963	AU2003291963A8		12/19/2003		AU
SYSTEM OF INFUSION BOMBARDMENT AND UNIT OF INFUSION BOMB	BRP9812969	BRP9812969A		10/21/1998		BR
AN INFUSION PUMP SYSTEM AND AN INFUSION PUMP UNIT	CA2301534	CA2301534A1		10/21/1998		CA
A cap sleeve for dose medication device	CN201920628596	CN211094134U		5/5/2019		CN
Disposable wearable insulin dispensing device, a combination of such a device and a programming controller and a method of controlling the operation of such a device	CN200380106549	CN1726059A		11/4/2003		CN
Disposable, wearable insulin dispensing device, a combination of such a device and a programming controller and a method of controlling the operation of such a device	CN200380108783	CN1738656A		12/19/2003		CN
Flexible piston rod	CN200380108061	CN1732027A		12/19/2003		CN
Infusion pump system and method	CN201580045217	CN106604733A	CN106604733B	8/25/2015		CN
Infusion pump system, an infusion pump unit and an infusion pump	CN03822373	CN1681544A		7/21/2003		CN
AN INFUSION PUMP SYSTEM AND AN INFUSION PUMP UNIT	EP98949957	EP1024844A1	EP1024844B1	10/21/1998		EP
AN INFUSION PUMP SYSTEM, AN INFUSION PUMP UNIT AND AN INFUSION PUMP	EP03737952	EP1545656A1		7/21/2003		EP
A DISPOSABLE WEARABLE INSULIN DISPENSING DEVICE, A COMBINATION OF SUCH A DEVICE AND A PROGRAMMING CONTROLLER AND A METHOD OF CONTROLLING THE OPERATION OF SUCH A DEVICE	IN1120CHENP2005	IN1120CHENP2005A		6/3/2005		IN
A DISPOSABLE WEARABLE INSULIN DISPENSING DEVICE, A COMBINATION OF SUCH A DEVICE AND A PROGRAMMING CONTROLLER AND A METHOD OF CONTROLLING THE OPERATION OF SUCH A DEVICE	IN1664CHENP2005	IN1664CHENP2005A		7/21/2005		IN

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Title	Application Number	Publication Number	Patent Number	Application Date	Issue Date	Jurisdiction
AN INFUSION PUMP SYSTEM, AN INFUSION PUMP UNIT AND AN INFUSION PUMP	IN232CHENP2005	IN232CHENP2005A		2/22/2005		IN
FLEXIBLE PISTON ROD	IN1684CHENP2005	IN1684CHENP2005A		7/22/2005		IN
An infusion pump system, an infusion pump unit, an injection pump	JP2004522138	JP200553545A		7/21/2003		JP
Disposable noninsulin administration device capable of mounting, the combination of the device and programming the controller, and a method of operating the device	JP2004561091	JP2006511263A		12/19/2003		JP
Disposable, wearing type insulin dosing device, the combination of the device and the program control device, and the method for controlling operation	JP2004548684	JP2006504476A		11/4/2003		JP
For pen-type syringe a replacement cap	JP2018023823	JP1637858S		10/30/2018		JP
For pen-type syringe a replacement cap	JP2019011516	JP1646398S		10/30/2018		JP
The flexible piston rod	JP2004561090	JP2006511262A		12/19/2003		JP
Operating A Portable Medical Device	US16256055	US20190151533A1		1/24/2019		US
Shape memory alloy actuator	US11029601	US20050115235A1		1/5/2005		US
A DISPOSABLE WEARABLE INSULIN DISPENSING DEVICE, A COMBINATION OF SUCH A DEVICE AND A PROGRAMMING CONTROLLER AND A METHOD OF CONTROLLING THE OPERATION OF SUCH A DEVICE	PCT/DK2003/000753	WO2004041330A3		11/4/2003		WO
ACTIVITY SENSING TECHNIQUES FOR AN INFUSION PUMP SYSTEM	PCT/US2008/069948	WO2009035759A1		7/14/2008		WO
ALARMS AND ALERTS FOR MEDICATION DELIVERY DEVICES AND RELATED SYSTEMS AND METHODS	PCT/US2017/065894	WO2018111928A1		12/12/2017		WO
AN ACTUATOR	PCT/DK2006/000195	WO2006105794A1		4/6/2006		WO
AN INFUSION PUMP SYSTEM AND AN INFUSION PUMP UNIT	PCT/DK1998/000457	WO9921596A1		10/21/1998		WO
AN INFUSION PUMP SYSTEM, AN INFUSION PUMP UNIT AND AN INFUSION PUMP	PCT/DK2003/000507	WO2004009160A1		7/21/2003		WO
COMPUTER-BASED DIABETES MANAGEMENT	PCT/US2013/068399	WO2014074476A1		11/5/2013		WO
CONTROLLED ADJUSTMENT OF MEDICINE DISPENSATION FROM AN INFUSION PUMP DEVICE	PCT/US2008/069960	WO2009032402A1		7/14/2008		WO
DISCRETIONARY INSULIN DELIVERY SYSTEMS AND METHODS	PCT/US2014/034383	WO2014172467A1		4/16/2014		WO
DISPOSABLE MEDICINE DISPENSING DEVICE	PCT/DK2005/000061	WO2005072795A3		1/28/2005		WO

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Title	Application Number	Publication Number	Patent Number	Application Date	Issue Date	Jurisdiction
DISPOSABLE MEDICINE DISPENSING DEVICE	PCT/DK2005/000060	WO2005072794A3		1/28/2005		WO
FLEXIBLE PISTON ROD	PCT/DK2003/000915	WO2004056411A3		12/19/2003		WO
ILLUMINATION INSTRUMENT FOR AN INFUSION PUMP	PCT/US2008/064252	WO2008144695A1		5/20/2008		WO
INFUSION PUMP ASSEMBLY AND METHOD	PCT/US2015/043975	WO2016022775A1		8/6/2015		WO
INFUSION PUMP SYSTEM WITH CONTAMINATION-RESISTANT FEATURES	PCT/US2008/064259	WO2008144698A1		5/20/2008		WO
INFUSION PUMP SYSTEMS AND METHODS	PCT/US2009/054286	WO2010022136A3		8/19/2009		WO
INSULIN DELIVERY METHODS, SYSTEMS AND DEVICES	PCT/US2018/013595	WO2018132723A1		1/12/2018		WO
INSULIN DELIVERY METHODS, SYSTEMS AND DEVICES	PCT/US2018/013659	WO2018132765A1		1/12/2018		WO
METHOD AND DEVICE FOR DISPENSING LIQUID MEDICINE BY MEANS OF A REVERSIBLE ELECTRICAL MOTOR	PCT/DK2006/000193	WO2006105792A1		4/6/2006		WO
METHOD AND DEVICE FOR DISPENSING LIQUID MEDICINE BY MEANS OF A TWISTABLE ELEMENT	PCT/DK2006/000194	WO2006105793A1		4/6/2006		WO
MULTI-SCALE DISPLAY OF BLOOD GLUCOSE INFORMATION	PCT/US2018/042082	WO2019014590A1		7/13/2018		WO
MULTI-SCALE DISPLAY OF BLOOD GLUCOSE INFORMATION	PCT/US2018/042089	WO2019014594A1		7/13/2018		WO
OCCCLUSION SENSING FOR AN INFUSION PUMP	PCT/US2008/064244	WO2008144693A1		5/20/2008		WO
OCCCLUSION SENSING SYSTEM FOR INFUSION PUMPS	PCT/US2008/069619	WO2009032399A1		7/10/2008		WO
PORTABLE INFUSION PUMP WITH FLEXIBLE PISTON ROD	PCT/US2007/062586	WO2008103175A1		2/22/2007		WO
PORTABLE MODULAR INFUSION PUMP AND MEDIA PLAYER	PCT/US2008/086239	WO2009076443A3		12/10/2008		WO
REMOVABLE CONTROLLER FOR AN INFUSION PUMP	PCT/US2008/064256	WO2008144697A1		5/20/2008		WO
SHAPE MEMORY ALLOY ACTUATOR	PCT/DK2002/000031	WO02057627A1		1/16/2002		WO
SYSTEM AND METHOD FOR ADJUSTING INSULIN DELIVERY	PCT/US2018/013643	WO2018132754A1		1/12/2018		WO
SYSTEM AND METHOD FOR ADJUSTING INSULIN DELIVERY	PCT/US2018/013639	WO2018132750A1		1/12/2018		WO

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Schedule 1 to Notice of Grant of Security Interest in Patents
Patents Licensed to Grantor

Administrative Agent has obtained a security interest in Grantor's rights as licensee to the following patents:

Title	Application Number	Publication Number	Patent Number	Application Date	Issue Date	Jurisdiction	Licensor
Replaceable cap for a dosing device	US13/724183	US20140018733A1	US8743662B2	2012-12-21	2014-06-03	USA	PATIENTS PENDING LTD
Cover for liquid delivery system with integrated plunger position sensing, and corresponding method	PCT/IB2016/053374	WO2017009724A1		2016-06-08	-	WIPO	PATIENTS PENDING LTD
Cover for liquid delivery system with integrated plunger position sensing, and corresponding method	US16/919743	US20200330691A1		2020-07-02	-	USA	PATIENTS PENDING LTD
Cover for liquid delivery system with integrated plunger position sensing, and corresponding method	IL256789	IL256789A	IL256789D0	2018-01-08	-	Israel	PATIENTS PENDING LTD
Cover for liquid delivery system with integrated plunger position sensing, and corresponding method	CA2991847	CA2991847A1		2016-06-08	-	Canada	PATIENTS PENDING LTD
Cover for liquid delivery system with integrated plunger position sensing, and corresponding method	US15/743169	US20180200451A1	US10702658B2	2016-06-08	2020-07-07	USA	PATIENTS PENDING LTD
The plunger position detecting section having integral cover for liquid delivery system, and corresponding method	JP2018502158	JP2018519960A		42529		JP	PATIENTS PENDING, LTD
Cover for liquid delivery system with integrated plunger position sensing, and corresponding method	EA201890273	EA201890273A1	EA035182B1	2016-06-08	2020-05-12	Eurasia	PATIENTS PENDING LTD
Cover for liquid delivery system with integrated plunger position sensing, and corresponding method	EP2016823948	EP3320327A1		2016-06-08	-	Europe	PATIENTS PENDING LTD
Cover for liquid delivery system with integrated plunger position sensing, and corresponding method	EP2016823948	EP3320327A4		2016-06-08	-	Europe	PATIENTS PENDING LTD
COVER FOR A LIQUID DELIVERY SYSTEM WITH INTEGRATED PLUNGER POSITION SENSING	201680052564.70	108139313		8-Jun-16		China	PATIENTS PENDING LTD
Cover for liquid delivery system with integrated plunger position sensing, and corresponding method	AU2016291849	AU2016291849A1		2016-06-08	-	Australia	PATIENTS PENDING LTD
COVER FOR LIQUID APPLICATION SYSTEM WITH INTEGRATED PLUNGER POSITION DETECTION, AND CORRESPONDING METHOD	BR112018000585	BRP11800585A2		6/8/2016		BR	PATIENTS PENDING LTD.

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Title	Application Number	Publication Number	Patent Number	Application Date	Issue Date	Jurisdiction	Licensee
Cover for liquid delivery system with integrated plunger position sensing, and corresponding method	ZA201800182	ZA201800182B		2018-01-10	2018-12-19	South Africa	PATIENTS PENDING LTD
Cover for liquid delivery system with integrated plunger position sensing, and corresponding method	IN201847003967	IN201847003967A		2018-02-02	-	India	PATIENTS PENDING LTD
Cover for liquid delivery system with integrated plunger position sensing, and corresponding method	HK18109122	HK1249774A		2018-07-13	-	Hong Kong	PATIENTS PENDING LTD
Cover for liquid delivery system with integrated plunger position sensing, and corresponding method	HK18114493	HK1255354A		2018-11-14	-	Hong Kong	PATIENTS PENDING LTD
Cover for liquid delivery system with integrated plunger position sensing using focused optical beam and linear potentiometer	EP2017935601	EP3729054A1		2017-12-18	-	Europe	PATIENTS PENDING LTD
Cover for liquid delivery system with integrated plunger position sensing using focused optical beam and linear potentiometer	US16/954998	US20200376204A1		2017-12-18	-	USA	PATIENTS PENDING LTD
Cover for liquid delivery system with integrated plunger position sensing using focused optical beam and linear potentiometer	PCT/IL2017/051356	WO2019123441A1		2017-12-18	-	WIPO	PATIENTS PENDING LTD

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