

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT7843737

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	FIRST LIEN PATENT SECURITY AGREEMENT (SENIOR SECURED NOTES)

CONVEYING PARTY DATA

Name	Execution Date
EMBECTA CORP.	03/09/2023

RECEIVING PARTY DATA

Name:	U.S. BANK TRUST COMPANY, NATIONAL ASSOCIATION, AS NOTES COLLATERAL AGENT
Street Address:	333 THORNALL STREET
City:	EDISON
State/Country:	NEW JERSEY
Postal Code:	08837

PROPERTY NUMBERS Total: 227

Property Type	Number
Patent Number:	7021463
Patent Number:	7192405
Patent Number:	8932264
Patent Number:	7570980
Patent Number:	7404796
Patent Number:	9529762
Patent Number:	7645264
Patent Number:	7887757
Patent Number:	7597853
Patent Number:	8133202
Patent Number:	7534230
Patent Number:	7462169
Patent Number:	7540858
Patent Number:	7384414
Patent Number:	7462168
Patent Number:	7959583
Patent Number:	8285487
Patent Number:	8357107
Patent Number:	8002756

PATENT

Property Type	Number
Patent Number:	8246540
Patent Number:	8672902
Patent Number:	9174004
Patent Number:	9125997
Patent Number:	10010684
Patent Number:	8840590
Patent Number:	9642971
Patent Number:	8632503
Patent Number:	8801673
Patent Number:	7901383
Patent Number:	9192338
Patent Number:	8337423
Patent Number:	8337422
Patent Number:	7926681
Patent Number:	8133200
Patent Number:	7981081
Patent Number:	8945050
Patent Number:	8663174
Patent Number:	8622961
Patent Number:	8771202
Patent Number:	8956309
Patent Number:	8764706
Patent Number:	10987473
Patent Number:	10328197
Patent Number:	8858498
Patent Number:	9498579
Patent Number:	8622975
Patent Number:	8926644
Patent Number:	10022504
Patent Number:	9993599
Patent Number:	9039977
Patent Number:	8652415
Patent Number:	9180257
Patent Number:	8608710
Patent Number:	9999384
Patent Number:	8491535
Patent Number:	9186452
Patent Number:	9216253

Property Type	Number
Patent Number:	8887912
Patent Number:	9125975
Patent Number:	9101724
Patent Number:	9381303
Patent Number:	9427514
Patent Number:	8876780
Patent Number:	9107988
Patent Number:	8632494
Patent Number:	9662048
Patent Number:	9848774
Patent Number:	10966608
Patent Number:	8834401
Patent Number:	9517298
Patent Number:	10799621
Patent Number:	9694129
Patent Number:	9468725
Patent Number:	9931473
Patent Number:	9272100
Patent Number:	D713958
Patent Number:	D737963
Patent Number:	9162030
Patent Number:	10350371
Patent Number:	10010680
Patent Number:	9801578
Patent Number:	9233216
Patent Number:	9372184
Patent Number:	9802008
Patent Number:	10799650
Patent Number:	10357191
Patent Number:	10203296
Patent Number:	8945023
Patent Number:	10379125
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Patent Number:	10434243
Patent Number:	10173015
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Patent Number:	10661025
Patent Number:	9649452

Property Type	Number
Patent Number:	9623194
Patent Number:	10912880
Patent Number:	10398828
Patent Number:	9604013
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Patent Number:	10137238
Patent Number:	10220160
Patent Number:	10569031
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Patent Number:	10745188

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Patent Number:	10583240
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Patent Number:	D908134
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Patent Number:	11364350
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Patent Number:	11446212
Patent Number:	11446449
Patent Number:	11452822
Patent Number:	D965627
Patent Number:	11504009
Patent Number:	11504483
Patent Number:	11511053
Patent Number:	11559632
Patent Number:	11577030
Application Number:	17048044
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Application Number:	16897342
Application Number:	17066344
Application Number:	29756787
Application Number:	17154454

Property Type	Number
Application Number:	17276719
Application Number:	17296085
Application Number:	63191417
Application Number:	17379286
Application Number:	17471054
Application Number:	17475616
Application Number:	17533859
Application Number:	17541331
Application Number:	13138308
Application Number:	14775689
Application Number:	14775692
Application Number:	16096165
Application Number:	16095787
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Application Number:	16498603
Application Number:	16188907
Application Number:	16957640
Application Number:	17615585
Application Number:	16443642
Application Number:	16455307
Application Number:	16722505
Application Number:	16859774
Application Number:	16859801
Application Number:	17618686
Application Number:	16957689
Application Number:	16964780
Application Number:	16967872
Application Number:	16968790
Application Number:	17008226
Application Number:	17049779
Application Number:	17051716
Application Number:	16972937
Application Number:	17252165
Application Number:	17189605
Application Number:	17207088
Application Number:	17240765
Application Number:	17385597
Application Number:	17558839

Property Type	Number
Application Number:	29867798
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Application Number:	17615452
Application Number:	17615500
Application Number:	17640139
Application Number:	17750984
Application Number:	17814076
Application Number:	63325300
Application Number:	17836632
Application Number:	17850236
Application Number:	63371540
Application Number:	63376336
Application Number:	17934767
Application Number:	18053655
Application Number:	18054343
Application Number:	63385499
Application Number:	63479772
Application Number:	18161550

CORRESPONDENCE DATA

Fax Number: (800)914-4240

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.

Phone: 800-713-0755

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Correspondent Name: CT CORPORATION

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Address Line 2: SUITE 125

Address Line 4: COLUMBUS, OHIO 43219

NAME OF SUBMITTER:	DORIS KA
SIGNATURE:	/Doris Ka/
DATE SIGNED:	03/14/2023

Total Attachments: 27

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FIRST LIEN INTELLECTUAL PROPERTY SECURITY AGREEMENT

This **FIRST LIEN INTELLECTUAL PROPERTY SECURITY AGREEMENT** (as amended, amended and restated, supplemented or otherwise modified from time to time, the “IP Security Agreement”), dated as of March 9, 2023, is among the Persons listed on the signature pages hereof (collectively, the “Grantors”) and U.S. Trust Bank Company, National Association, as notes collateral agent (the “Notes Collateral Agent”) for the Notes Secured Parties (as defined in the Indenture referred to below).

Reference is made to (i) that certain Indenture, dated as of March 31, 2022 (as amended, amended and restated, supplemented or otherwise modified from time to time, the “Indenture”), among Embecta Corp., a Delaware corporation (the “Company”), the guarantors party thereto from time to time and U.S. Bank Trust Company, National Association, as Trustee and Notes Collateral Agent, and (ii) that certain First Lien Notes Security Agreement, dated as of April 1, 2022 (as amended, restated, amended and restated, supplemented or otherwise modified from time to time, the “Security Agreement”), among the Grantors from time to time party thereto and the Notes Collateral Agent. Capitalized terms defined in the Indenture or in the Security Agreement and not otherwise defined herein are used herein as defined in the Indenture or the Security Agreement, as the case may be (and in the event of a conflict, the applicable definition shall be the one given to such term in the Security Agreement).

WHEREAS, each Person that is to be a Grantor as of the date hereof is required to grant the security interests and make the pledges contemplated by the Security Agreement.

WHEREAS, under the terms of the Security Agreement, the Grantors have granted to the Notes Collateral Agent, for the benefit of the Notes Secured Parties, a security interest in, among other property, certain intellectual property of the Grantors, and have agreed thereunder to execute this IP Security Agreement for recording with the USPTO.

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, each Grantor agrees as follows:

A. **Grant of Security.** Each Grantor, as collateral security for the prompt and complete payment and performance of the Secured Obligations of such Grantor, hereby grants to the Notes Collateral Agent (and its successors and permitted assigns), for the benefit of the Notes Secured Parties, a security interest in and continuing lien on all of such Grantor’s right, title and interest in and to the following, whether now owned or hereafter acquired by such Grantor (the “Collateral”):

a. all patents and patent applications, including, without limitation, those set forth in Schedule A hereto, and all inventions claimed or disclosed therein and all improvements thereto (the “Patents”);

b. all trademark, service mark and trade dress registrations and applications, including, without limitation, those set forth in Schedule B hereto, together with the goodwill symbolized thereby (the “Trademarks”) (provided that no security interest shall be granted in United States “intent-to-use” Trademark applications prior to the filing of a “Statement of Use” or “Amendment to Allege Use”, to the extent that, and solely during the period, if any, in which, the

grant of a security interest therein would impair the validity or enforceability of any registration that issues from such intent-to-use application under applicable federal law);

c. all reissues, divisions, continuations, continuations-in-part, extensions, renewals and reexaminations of any of the foregoing, all rights in the foregoing provided by international treaties or conventions, all rights corresponding thereto throughout the world and all other rights of any kind whatsoever of such Grantor accruing thereunder or pertaining thereto;

d. any and all claims for damages and injunctive relief for past, present and future infringement, dilution, misappropriation, violation, misuse or breach with respect to any of the foregoing, with the right, but not the obligation, to sue for and collect, or otherwise recover, such damages; and

e. any and all proceeds of, collateral for, income, royalties and other payments now or hereafter due and payable with respect to, and supporting obligations relating to, any and all of the Collateral of or arising from any of the foregoing;

provided that notwithstanding anything to the contrary contained in the foregoing clauses (a) through (e), the security interest created hereby shall not extend to, and the term "Collateral" shall not include, any Excluded Property.

B. Security for Obligations. The grant of a security interest in the Collateral by each Grantor under this IP Security Agreement secures the payment of all Secured Obligations of such Grantor now or hereafter existing under or in respect of the Note Documents (as such Note Documents may be amended, restated, amended and restated, supplemented, replaced, refinanced or otherwise modified from time to time (including any increases of the principal amount outstanding thereunder)). Without limiting the generality of the foregoing, this IP Security Agreement secures, as to each Grantor, the payment of all amounts that constitute part of the Secured Obligations that would be owed by such Grantor to any Notes Secured Party under the Note Documents but for the fact that they are unenforceable or not allowable due to the existence of a bankruptcy, reorganization or similar proceeding involving a Grantor.

C. Recordation. Each Grantor authorizes and requests that the Commissioner for Patents and the Commissioner for Trademarks record this IP Security Agreement.

D. Execution in Counterparts; Electronic Execution. This IP Security Agreement may be executed in any number of counterparts, each of which when so executed shall be deemed to be an original and all of which taken together shall constitute one and the same agreement. The words "execution," "execute", "signed," "signature," and words of like import in this IP Security Agreement or any amendment or other modification hereof shall be deemed to include electronic signatures or the keeping of records in electronic form, each of which shall be of the same legal effect, validity or enforceability as a manually executed signature or the use of a paper-based recordkeeping system, as the case may be, to the extent and as provided for in any applicable Law, including the Federal Electronic Signatures in Global and National Commerce Act, the New York State Electronic Signatures and Records Act, or any other similar state laws based on the Uniform Electronic Transactions Act.

E. Grants, Rights and Remedies. This IP Security Agreement has been entered into in conjunction with the provisions of the Security Agreement. Each Grantor does hereby acknowledge and confirm that the grant of the security interest hereunder to, and the rights and remedies of, the Notes Collateral Agent with respect to the Collateral are more fully set forth in the Security Agreement, the terms and provisions of which are incorporated herein by reference as if fully set forth herein. In the event of any conflict between the terms of this IP Security Agreement and the terms of the Security Agreement, the terms of the Security Agreement shall govern.

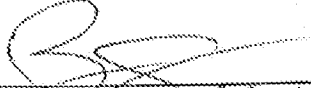
F. Governing Law; Jurisdiction; Etc. Sections 13.07, 13.08 and 13.09 of the Indenture are hereby incorporated by reference, *mutatis mutandis*.

[SIGNATURE PAGES FOLLOW]

IN WITNESS WHEREOF, each Grantor and the Notes Collateral Agent have caused this IP Security Agreement to be duly executed and delivered by its officer thereunto duly authorized as of the date first written above.

EMBECTA CORP.

By:



Name: BRIAN C ABOVE

Title: VP, Corp. Controller and
CAO

[Signature Page to First Lien Intellectual Property Security Agreement]

**U.S. BANK TRUST COMPANY, NATIONAL
ASSOCIATION, as Notes Collateral Agent**

By:



Name: Mark DiGiacomo

Title: Vice President

Schedule A

Patents

Registered Patents:

Patent	Jurisdiction	Filing Date	Grant Date	Patent No.	Status	Owner
PEN NEEDLE SHARPS PORT	United States	2002-09-06	2006-04-04	7021463	Granted	Embecta Corp.
INTEGRATED LANCET AND BODILY FLUID SENSOR	United States	2002-09-30	2007-03-20	7192405	Granted	Embecta Corp.
MEDICATION DELIVERY PEN ASSEMBLY WITH NEEDLE LOCKING SAFETY SHIELD	United States	2003-08-11	2015-01-13	8932264	Granted	Embecta Corp.
APPARATUS AND METHOD FOR MONITORING BLOOD GLUCOSE LEVELS INCLUDING CONVENIENT DISPLAY OF BLOOD GLUCOSE VALUE AVERAGE AND CONSTITUENT VALUES	United States	2003-09-10	2009-08-04	7570980	Granted	Embecta Corp.
SYSTEM FOR DETERMINING INSULIN DOSE USING CARBOHYDRATE TO INSULIN RATIO AND INSULIN SENSITIVITY FACTOR	United States	2004-03-01	2008-07-29	7404796	Granted	Embecta Corp.
Self Powered Serial-To-Serial Or Usb-To-Serial Cable With Loopback And Isolation	United States	2004-06-22	2016-12-27	9529762	Granted	Embecta Corp.
INJECTION DEVICE WITH SECONDARY RESERVOIR	United States	2005-04-11	2010-01-12	7645264	Granted	Embecta Corp.
METHOD AND APPARATUS FOR DISPENSING DIAGNOSTIC TEST STRIPS	United States	2006-05-09	2011-02-15	7887757	Granted	Embecta Corp.
METHOD AND APPARATUS FOR DISPENSING DIAGNOSTIC TEST STRIPS	United States	2006-05-09	2009-10-06	7597853	Granted	Embecta Corp.
Disposable Needle And Hub Assembly	United States	2006-10-11	2012-03-13	8133202	Granted	Embecta Corp.
SYSTEMS AND METHODS FOR ADMINISTERING A MEDICAL REGIMEN	United States	2006-10-30	2009-05-19	7534230	Granted	Embecta Corp.

Patent	Jurisdiction	Filing Date	Grant Date	Patent No.	Status	Owner
SAFETY SHIELD SYSTEM FOR AN INJECTION PEN NEEDLE	United States	2007-01-23	2008-12-09	7462169	Granted	Embecta Corp.
RETRACTING SAFETY PEN NEEDLE	United States	2007-01-23	2009-06-02	7540858	Granted	Embecta Corp.
SAFETY PEN NEEDLE WITH NON-INJECTION END PASSIVE SAFETY FEATURES	United States	2007-01-23	2008-06-10	7384414	Granted	Embecta Corp.
SAFETY PEN NEEDLE WITH PASSIVE SAFETY SHIELD SYSTEM	United States	2007-01-23	2008-12-09	7462168	Granted	Embecta Corp.
INTEGRATED LANCET AND BODILY FLUID SENSOR	United States	2007-02-09	2011-06-14	7959583	Granted	Embecta Corp.
SYSTEM AND METHODS FOR IMPROVED DIABETES DATA MANAGEMENT AND USE EMPLOYING WIRELESS CONNECTIVITY BETWEEN PATIENTS AND HEALTHCARE PROVIDERS AND REPOSITORY OF DIABETES MANAGEMENT INFORMATION	United States	2007-03-23	2012-10-09	8285487	Granted	Embecta Corp.
BLOOD GLUCOSE METER HAVING INTEGRAL LANCET DEVICE AND TEST STRIP STORAGE VIAL FOR SINGLE HANDED USE AND METHODS FOR USING SAME	United States	2007-10-31	2013-01-22	8357107	Granted	Embecta Corp.
METHOD AND APPARATUS FOR DELIVERING A THERAPEUTIC SUBSTANCE THROUGH AN INJECTION PORT	United States	2007-11-30	2011-08-23	8002756	Granted	Embecta Corp.
System For Determining Insulin Dose Using Carbohydrate To Insulin Ratio And Insulin Sensitivity Factor	United States	2008-07-01	2012-08-21	8246540	Granted	Embecta Corp.
PEN NEEDLE ASSEMBLY FOR PREVENTING UNDER-TORQUING AND OVER-TORQUING OF PEN NEEDLE	United States	2008-09-05	2014-03-18	8672902	Granted	Embecta Corp.

Patent	Jurisdiction	Filing Date	Grant Date	Patent No.	Status	Owner
Pen Needle Assembly Outer Cover Having A Breakaway Flange	United States	2008-09-05	2015-11-03	9174004	Granted	Embecta Corp.
PEN NEEDLE HUB HAVING INCREASED CONTACT AREA	United States	2008-09-05	2015-09-08	9125997	Granted	Embecta Corp.
Safety Needle Assembly	United States	2009-02-04	2018-07-03	10010684	Granted	Embecta Corp.
Safety Pen Needle Assembly	United States	2009-02-05	2014-09-23	8840590	Granted	Embecta Corp.
SAFETY NEEDLE ASSEMBLY	United States	2009-03-13	2017-05-09	9642971	Granted	Embecta Corp.
SAFETY PEN NEEDLE ASSEMBLY HAVING SHIELDING FOR PATIENT AND NON-PATIENT ENDS	United States	2009-03-13	2014-01-21	8632503	Granted	Embecta Corp.
Safety Pen Needle Assembly Having Shield For Non-Patient End	United States	2009-03-13	2014-08-12	8801673	Granted	Embecta Corp.
SYSTEMS AND METHODS FOR ADMINISTERING A MEDICAL REGIMEN	United States	2009-04-14	2011-03-08	7901383	Granted	Embecta Corp.
APPARATUS AND METHOD FOR MONITORING BLOOD GLUCOSE LEVELS INCLUDING CONVENIENT DISPLAY OF BLOOD GLUCOSE VALUE AVERAGE AND CONSTITUENT VALUES	United States	2009-06-03	2015-11-24	9192338	Granted	Embecta Corp.
BLOOD GLUCOSE SENSOR	United States	2009-07-14	2012-12-25	8337423	Granted	Embecta Corp.
DIAGNOSTIC TEST STRIP HAVING FLUID TRANSPORT FEATURES	United States	2009-07-14	2012-12-25	8337422	Granted	Embecta Corp.
Method And Apparatus For Dispensing Diagnostic Test Strips	United States	2009-08-28	2011-04-19	7926681	Granted	Embecta Corp.
REVERSIBLE CAP FOR PEN NEEDLE OUTER COVER	United States	2009-09-18	2012-03-13	8133200	Granted	Embecta Corp.

Patent	Jurisdiction	Filing Date	Grant Date	Patent No.	Status	Owner
Injection Device With Secondary Reservoir	United States	2009-10-30	2011-07-19	7981081	Granted	Embecta Corp.
Pen Needle Assembly For Intradermal Injection	United States	2009-11-06	2015-02-03	8945050	Granted	Embecta Corp.
HUB ASSEMBLY HAVING A HIDDEN NEEDLE FOR A DRUG DELIVERY PEN	United States	2009-11-13	2014-03-04	8663174	Granted	Embecta Corp.
Safety Needle Assembly With Displaceable Locking Tongue	United States	2009-12-22	2014-01-07	8622961	Granted	Embecta Corp.
ELECTRODE LAYOUT FOR BLOOD TEST SENSOR STRIP	United States	2010-01-19	2014-07-08	8771202	Granted	Embecta Corp.
SENSOR STRIP POSITIONING MECHANISM	United States	2010-01-19	2015-02-17	8956309	Granted	Embecta Corp.
DISPOSABLE PEN NEEDLE WITH RE-USE PREVENTION FEATURES	United States	2010-02-04	2014-07-01	8764706	Granted	Embecta Corp.
Lubricated Pen Needle	United States	2010-02-04	2021-04-27	10987473	Granted	Embecta Corp.
Pen Needle To Facilitate Manipulation By Users Having Physical Or Visual Impairment	United States	2010-02-04	2019-06-25	10328197	Granted	Embecta Corp.
NEEDLE ASSEMBLY WITH NEEDLE INJECTION DEPTH ADJUSTMENT	United States	2010-05-17	2014-10-14	8858498	Granted	Embecta Corp.
Safety Needle Assembly	United States	2010-05-26	2016-11-22	9498579	Granted	Embecta Corp.
MAGNETIC SAFETY NEEDLE ASSEMBLY	United States	2010-06-11	2014-01-07	8622975	Granted	Embecta Corp.
Lancing Device Having Saddle-Shaped Tip	United States	2010-07-30	2015-01-06	8926644	Granted	Embecta Corp.
Separable Hub Post Of Pen Needle	United States	2010-07-30	2018-07-17	10022504	Granted	Embecta Corp.
SKIN ENGAGEMENT MEMBER FOR USE WITH NEEDLE ASSEMBLY OR MEDICAL INJECTOR	United States	2010-08-23	2018-06-12	9993599	Granted	Embecta Corp.

Patent	Jurisdiction	Filing Date	Grant Date	Patent No.	Status	Owner
Method And Apparatus For Dispensing Diagnostic Test Strips	United States	2010-09-13	2015-05-26	9039977	Granted	Embecta Corp.
METHOD AND APPARATUS FOR DISPENSING DIAGNOSTIC TEST STRIPS	United States	2010-09-13	2014-02-18	8652415	Granted	Embecta Corp.
METHOD AND APPARATUS FOR DELIVERING A THERAPEUTIC SUBSTANCE THROUGH AN INJECTION PORT	United States	2010-09-30	2015-11-10	9180257	Granted	Embecta Corp.
PEN NEEDLE ASSEMBLY WITH DIFFERENT GAUGE NEEDLE CANNULAS	United States	2010-12-09	2013-12-17	8608710	Granted	Embecta Corp.
Sleeve For Removable Lancet Of Lancing Device	United States	2011-03-09	2018-06-19	9999384	Granted	Embecta Corp.
SAFETY PEN NEEDLE ASSEMBLY	United States	2011-04-28	2013-07-23	8491535	Granted	Embecta Corp.
PEN NEEDLE DISPENSING APPARATUS	United States	2011-08-04	2015-11-17	9186452	Granted	Embecta Corp.
NEEDLE DISPENSING AND STORING APPARATUS FOR MEDICAMENT DELIVERY DEVICE	United States	2011-08-05	2015-12-22	9216253	Granted	Embecta Corp.
LIVING HINGE NEEDLE ASSEMBLY FOR MEDICAMENT DELIVERY DEVICE	United States	2011-08-05	2014-11-18	8887912	Granted	Embecta Corp.
USER-ACTUATED STORAGE ASSEMBLY FOR INJECTION DEVICE	United States	2011-08-08	2015-09-08	9125975	Granted	Embecta Corp.
Pen Injection Device Needle Dispensing And Storing Apparatus	United States	2011-08-08	2015-08-11	9101724	Granted	Embecta Corp.
Sterility Barrier For Pen Needle And Storage Container Therefor	United States	2011-08-08	2016-07-05	9381303	Granted	Embecta Corp.
NEEDLE CHANGING APPARATUS	United States	2011-08-09	2016-08-30	9427514	Granted	Embecta Corp.

Patent	Jurisdiction	Filing Date	Grant Date	Patent No.	Status	Owner
Attachable Needle Changing Device For Medicament Delivery Device	United States	2011-08-09	2014-11-04	8876780	Granted	Embecta Corp.
Circuitous Band Needle Changing Apparatus	United States	2011-08-09	2015-08-18	9107988	Granted	Embecta Corp.
Reversible Cap For Pen Needle Outer Cover	United States	2011-11-07	2014-01-21	8632494	Granted	Embecta Corp.
Blood Glucose Meter Having Integral Lancet Device And Test Strip Storage Vial For Single Handed Use And Methods For Using Same	United States	2011-12-19	2017-05-30	9662048	Granted	Embecta Corp.
System And Methods For Improved Diabetes Data Management And Use Employing Wireless Connectivity Between Patients And Healthcare Providers And Repository Of Diabetes Management Information	United States	2012-08-31	2017-12-26	9848774	Granted	Embecta Corp.
SYSTEM AND METHODS FOR IMPROVED DIABETES DATA MANAGEMENT AND USE EMPLOYING WIRELESS CONNECTIVITY BETWEEN PATIENTS AND HEALTHCARE PROVIDERS AND REPOSITORY OF DIABETES MANAGEMENT INFORMATION	United States	2012-08-31	2021-04-06	10966608	Granted	Embecta Corp.
GLUCOSE MANAGEMENT AND DIALYSIS METHOD AND APPARATUS	United States	2012-11-26	2014-09-16	8834401	Granted	Embecta Corp.
LOW COST MEDICAL NEEDLE CONTAINER AND MANUFACTURING METHODS THEREFOR	United States	2012-12-13	2016-12-13	9517298	Granted	Embecta Corp.
Device And Method For Inhibiting Movement Of A Medical Device In A Patient	United States	2012-12-20	2020-10-13	10799621	Granted	Embecta Corp.
MEDICAL CANNULA PACKAGE	United States	2013-02-12	2017-07-04	9694129	Granted	Embecta Corp.

Patent	Jurisdiction	Filing Date	Grant Date	Patent No.	Status	Owner
MIXING PEN NEEDLE	United States	2013-04-24	2016-10-18	9468725	Granted	Embecta Corp.
Safety Pen Needle Assembly	United States	2013-06-18	2018-04-03	9931473	Granted	Embecta Corp.
EXTENDED HUB FOR A SAFETY PEN NEEDLE	United States	2013-08-21	2016-03-01	9272100	Granted	Embecta Corp.
Pen Needle Outer Cover	United States	2013-12-05	2014-09-23	D713958	Granted	Embecta Corp.
Pen Needle Outer Cover With Non-Patient End Closure	United States	2013-12-05	2015-09-01	D737963	Granted	Embecta Corp.
Safety Pen Needle Assembly Having Shielding For Patient And Non-Patient Ends	United States	2013-12-19	2015-10-20	9162030	Granted	Embecta Corp.
Pen Needle Assembly	United States	2013-12-20	2019-07-16	10350371	Granted	Embecta Corp.
Pen Needle Packaging	United States	2013-12-24	2018-07-03	10010680	Granted	Embecta Corp.
Reduced Size Optical Coupler For Fluorescence Detection	United States	2014-01-21	2017-10-31	9801578	Granted	Embecta Corp.
PEN NEEDLE ASSEMBLY FOR PREVENTING UNDERTORQUING AND OVERTORQUING OF PEN NEEDLE	United States	2014-01-23	2016-01-12	9233216	Granted	Embecta Corp.
Method And Apparatus For Dispensing Diagnostic Test Strips	United States	2014-02-14	2016-06-21	9372184	Granted	Embecta Corp.
Disposable Pen Needle With Re-Use Prevention Features	United States	2014-02-21	2017-10-31	9802008	Granted	Embecta Corp.
DISPOSABLE PEN NEEDLE WITH RE-USE PREVENTION FEATURES	United States	2014-02-21	2020-10-13	10799650	Granted	Embecta Corp.
Continuous Glucose Monitoring On-Body Sensor	United States	2014-03-10	2019-07-23	10357191	Granted	Embecta Corp.
Electrode Layout For Blood Test Sensor Strip	United States	2014-05-22	2019-02-12	10203296	Granted	Embecta Corp.
Electrode Layout For Blood Test Sensor Strip	United States	2014-05-22	2015-02-03	8945023	Granted	Embecta Corp.

Patent	Jurisdiction	Filing Date	Grant Date	Patent No.	Status	Owner
System And Method For Dynamically Calibrating And Measuring Analyte Concentration In Diabetes Management Monitors	United States	2014-07-31	2019-08-13	10379125	Granted	Embecta Corp.
OUTER COVER OF A PEN NEEDLE FOR A DRUG DELIVERY PEN	United States	2014-08-13	2017-06-06	9668813	Granted	Embecta Corp.
Living Hinge Needle Assembly For Medicament Delivery Device	United States	2014-10-16	2019-10-08	10434243	Granted	Embecta Corp.
Systems, Apparatuses And Methods To Encourage Injection Site Rotation And Prevent Lipodystrophy From Repeated Injections To A Body Area	United States	2014-12-03	2019-01-08	10173015	Granted	Embecta Corp.
PEN NEEDLE ATTACHMENT MECHANISMS	United States	2014-12-04	2020-07-14	10709846	Granted	Embecta Corp.
Pen Needle Outer Cover Concepts	United States	2014-12-04	2020-05-26	10661025	Granted	Embecta Corp.
ACTIVE SAFETY PEN NEEDLE ASSEMBLY	United States	2014-12-09	2017-05-16	9649452	Granted	Embecta Corp.
PASSIVE SAFETY PEN NEEDLE ASSEMBLY	United States	2014-12-09	2017-04-18	9623194	Granted	Embecta Corp.
TAMPER EVIDENT PEN NEEDLE OUTER COVER	United States	2015-06-08	2021-02-09	10912880	Granted	Embecta Corp.
Tamper-Evident Pen Needle Outer Cover	United States	2015-06-08	2019-09-03	10398828	Granted	Embecta Corp.
PEN NEEDLE HUB HAVING INCREASED CONTACT AREA	United States	2015-07-22	2017-03-28	9604013	Granted	Embecta Corp.
Continuous Glucose Monitoring Injection Device	United States	2015-07-30	2019-04-09	10252002	Granted	Embecta Corp.
User-Actuated Storage Assembly For Injection Device	United States	2015-08-24	2018-07-24	10029042	Granted	Embecta Corp.

Patent	Jurisdiction	Filing Date	Grant Date	Patent No.	Status	Owner
Method And Apparatus For Delivering A Therapeutic Substance Through An Injection Port	United States	2015-09-28	2020-02-04	10549049	Granted	Embecta Corp.
Pen Needle Dispensing Apparatus	United States	2015-10-30	2017-10-03	9775944	Granted	Embecta Corp.
Pen Needle Dispensing Apparatus	United States	2015-10-30	2016-10-18	9468712	Granted	Embecta Corp.
APPARATUS AND METHOD FOR MONITORING BLOOD GLUCOSE LEVELS INCLUDING CONVENIENT DISPLAY OF BLOOD GLUCOSE VALUE AVERAGE AND CONSTITUENT VALUES	United States	2015-11-18	2016-07-12	9386955	Granted	Embecta Corp.
Needle Dispensing And Storing Apparatus For Medicament Delivery Device	United States	2015-11-23	2018-11-27	10137238	Granted	Embecta Corp.
Pen Needle Assembly For Preventing Under-Torquing And Over-Torquing Of Pen Needle	United States	2015-12-17	2019-03-05	10220160	Granted	Embecta Corp.
PEN NEEDLE HUB WITH CURVED SURFACE FOR PROPER INJECTION	United States	2016-01-29	2020-02-25	10569031	Granted	Embecta Corp.
Pen Needle Outer Cover	United States	2016-04-14	2017-05-23	D787669	Granted	Embecta Corp.
Pen Needle Inner Shield	United States	2016-04-14	2017-05-16	D787053	Granted	Embecta Corp.
Pen Needle Hub	United States	2016-04-14	2017-05-16	D787054	Granted	Embecta Corp.
PEN NEEDLE ATTACHMENT MECHANISMS	United States	2016-04-14	2021-12-28	11207472	Granted	Embecta Corp.
APPARATUS AND METHOD FOR MONITORING BLOOD GLUCOSE LEVELS INCLUDING CONVENIENT DISPLAY OF BLOOD GLUCOSE VALUE AVERAGE AND CONSTITUENT VALUES	United States	2016-05-09	2017-04-25	9629588	Granted	Embecta Corp.

Patent	Jurisdiction	Filing Date	Grant Date	Patent No.	Status	Owner
DISPOSABLE PEN NEEDLE WITH ABBREVIATED NON-PATIENT END, AND REUSABLE PEN INTERFACE	United States	2016-05-31	2021-02-16	10918807	Granted	Embecta Corp.
NEEDLE CHANGING APPARATUS	United States	2016-08-29	2017-08-01	9717860	Granted	Embecta Corp.
Mixing Pen Needle	United States	2016-09-16	2019-02-19	10207054	Granted	Embecta Corp.
Needle Changing Apparatus	United States	2016-12-30	2020-06-23	10688240	Granted	Embecta Corp.
Pen Needle Hub Having Increased Contact Area	United States	2017-02-13	2019-02-12	10201669	Granted	Embecta Corp.
Safety Needle Assembly	United States	2017-03-29	2019-06-18	10322250	Granted	Embecta Corp.
Safety Needle Assembly	United States	2017-03-29	2019-09-03	10398858	Granted	Embecta Corp.
MAGAZINE CHAKRA - BUCKET	United States	2017-03-31	2021-06-01	11020540	Granted	Embecta Corp.
MAGAZINE CHAKRA - PEEL - ALL OUT	United States	2017-03-31	2021-05-18	11007312	Granted	Embecta Corp.
MAGAZINE CHAKRA - ALL OUT	United States	2017-03-31	2021-07-27	11071833	Granted	Embecta Corp.
MAGAZINE CHAKRA PEEL ALL IN	United States	2017-03-31	2022-01-04	11213633	Granted	Embecta Corp.
PEN NEEDLE EXCHANGE SYSTEM	United States	2017-03-31	2021-12-28	11207470	Granted	Embecta Corp.
NEEDLE STORAGE MAGAZINE WITH STATUS INDICATION	United States	2017-03-31	2021-09-21	11123500	Granted	Embecta Corp.
Needle storage magazine with status indication	United States	2017-03-31	2020-08-04	10729858	Granted	Embecta Corp.
PEN NEEDLE MAGAZINE	United States	2017-03-31	2021-05-18	11007313	Granted	Embecta Corp.
PEN NEEDLE MAGAZINE	United States	2017-03-31	2021-04-20	10980936	Granted	Embecta Corp.
PEN NEEDLE ATTACHMENT MECHANISMS	United States	2017-04-11	2018-08-14	D825749	Granted	Embecta Corp.

Patent	Jurisdiction	Filing Date	Grant Date	Patent No.	Status	Owner
Pen Needle Inner Shield	United States	2017-04-12	2017-11-28	D804023	Granted	Embecta Corp.
NEEDLE STORAGE MAGAZINE ASSEMBLY	United States	2017-04-27	2020-11-10	10828428	Granted	Embecta Corp.
Outer Cover Of A Pen Needle For A Drug Delivery Pen	United States	2017-05-02	2020-08-18	10745188	Granted	Embecta Corp.
Medical Cannula Package	United States	2017-06-05	2020-03-10	10583240	Granted	Embecta Corp.
NEEDLE CHANGING APPARATUS	United States	2017-06-23	2019-08-06	10369271	Granted	Embecta Corp.
Smart-enabled interconnected diabetes management solutions which include hardware such as insulin patch pump and dose capture pen needle hardware as well as software based platforms	United States	2017-08-15	2021-01-19	D908134	Granted	Embecta Corp.
APPARATUS FOR MOUNTING A PEN NEEDLE ASSEMBLY	United States	2017-12-05	2021-08-24	11097066	Granted	Embecta Corp.
SAFETY PEN NEEDLE ASSEMBLY	United States	2018-02-19	2020-11-03	10821236	Granted	Embecta Corp.
Pen needle	United States	2018-05-25	2020-11-03	10821237	Granted	Embecta Corp.
FLIP-OPEN NEEDLE ASSEMBLY FOR MEDICAMENT DELIVERY DEVICE	United States	2018-10-24	2021-08-31	11103634	Granted	Embecta Corp.
Pen needle hub having increased contact area	United States	2018-11-30	2021-02-23	10926044	Granted	Embecta Corp.
DISPLAY SCREEN OR PORTION THEREOF WITH A GRAPHICAL USER INTERFACE FOR AN INTEGRATED DISEASE MANAGEMENT SYSTEM	United States	2019-01-31	2020-08-11	D892841	Granted	Embecta Corp.

Patent	Jurisdiction	Filing Date	Grant Date	Patent No.	Status	Owner
DISPLAY SCREEN OR PORTION THEREOF WITH AGRAPHICAL USER INTERFACE FOR AN INTEGRATED DISEASE MANAGEMENT SYSTEM	United States	2019-01-31	2021-10-12	D933089	Granted	Embecta Corp.
CONTINUOUS GLUCOSE MONITORING INJECTION DEVICE	United States	2019-04-05	2021-09-14	11116900	Granted	Embecta Corp.
Smart-enabled interconnected diabetes management solutions which include hardware such as insulin patch pump and dose capture pen needle hardware as well as software based platforms	United States	2020-07-29	2021-10-12	D933099	Granted	Embecta Corp.
Pen needle assembly	United States	2019-05-31	2022-02-15	11246996	Granted	Embecta Corp.
Pen needle magazine	United States	2018-10-18	2022-03-29	11285257	Granted	Embecta Corp.
Pen needle assembly having an outer cover	United States	2019-05-31	2022-01-25	11229752	Granted	Embecta Corp.
Pen needle exchange system	United States	2018-10-22	2022-03-08	11266781	Granted	Embecta Corp
Needle storage magazine assembly	United States	2020-09-27	2022-06-14	11357929	Granted	Embecta Corp
Safety pen needle variable indicator	United States	2019-10-09	2022-06-21	11364350	Granted	Embecta Corp
INTEGRATED DISEASE MANAGEMENT SYSTEM	United States	2019-04-10	2022-06-21	11367532	Granted	Embecta Corp
SAFETY PEN NEEDLE ASSEMBLY	United States	2019-09-13	2022-06-28	11369751	Granted	Embecta Corp
OUTER COVER OF A PEN NEEDLE FOR A DRUG DELIVERY PEN	United States	2020-07-08	2022-06-28	11370598	Granted	Embecta Corp
PEN NEEDLE PACKAGING	United States	2018-05-31	2022-07-05	11376371	Granted	Embecta Corp

Patent	Jurisdiction	Filing Date	Grant Date	Patent No.	Status	Owner
PEN NEEDLE HUB WITH A PATIENT CONTACT SURFACE	United States	2019-12-12	2022-08-02	11400238	Granted	Embecta Corp
MULTIPLE CAVITY CARRIER APPARATUSES FOR DETECTING REMOVAL OF ITEMS FROM CAVITIES AND THEIR REPLACEMENT	United States	2020-07-24	2022-09-20	11446212	Granted	Embecta Corp
SAFETY PEN NEEDLE ASSEMBLY	United States	2019-09-13	2022-09-20	11446449	Granted	Embecta Corp
Retractable Sleeve for Pen Needle Assembly	United States	2019-06-28	2022-09-27	11452822	Granted	Embecta Corp
DISPLAY SCREEN OR PORTION THEREOF WITH GRAPHICAL USER INTERFACE FOR MANAGING DIABETES	United States	2021-09-24	2022-10-04	D965627	Granted	Embecta Corp
FLOW CHAKRA COMMUNICATION	United States	2018-10-23	2022-11-22	11504009	Granted	Embecta Corp
Pen Needle MCIS Septum Piercing Design utilizing multiple fingers interlocking with recesses in a buried hub as an alternate to Multipak method.	United States	2019-12-16	2022-11-22	11504483	Granted	Embecta Corp
PEN NEEDLE HUB INJECTION DEPTH OPTIMIZATION	United States	2019-08-13	2022-11-29	11511053	Granted	Embecta Corp
PASSIVE SAFETY NEEDLE SHIELD	United States	2019-09-27	2023-01-24	11559632	Granted	Embecta Corp
Pen Needle Attachment Mechanisms	United States	2017-06-29	2023-02-14	11577030	Granted	Embecta Corp

Patent Applications:

Patent	Jurisdiction	Filing Date	Application No.	Status	Owner
PEN NEEDLE ASSEMBLY APPARATUS	United States	2020-10-15	17048044	Application	Embecta Corp.
CONTINUOUS GLUCOSE MONITORING ON-BODY SENSOR HAVING A VISUAL DISPLAY	United States	2019-09-16	16571960	Application	Embecta Corp.
PEN NEEDLE ATTACHMENT MECHANISMS	United States	2020-06-10	16897342	Application	Embecta Corp.
Peel-off Packaging for Pen Needles and Syringe Needles	United States	2020-10-08	17066344	Application	Embecta Corp.
DISPLAY SCREEN OR PORTION THEREOF WITH A GRAPHICAL USER INTERFACE FOR AN INTEGRATED DISEASE MANAGEMENT SYSTEM	United States	2020-10-30	29756787	Application	Embecta Corp.
PEN NEEDLE HUB HAVING INCREASED CONTACT AREA	United States	2021-01-21	17154454	Application	Embecta Corp.
PEN NEEDLE APPARATUS	United States	2021-03-16	17276719	Application	Embecta Corp.
PEN AND PEN NEEDLE ADAPTER WITH FEATURE TO IMPROVE ACCESS TO PACKAGED NEEDLE ASSEMBLY	United States	2021-05-21	17296085	Application	Embecta Corp.
Mechanism for a safety pen needle that uses an integrated compliant mechanism (plastic spring) to provide safety shield resistance and return force	United States	2021-05-21	63191417	Application	Embecta Corp.
Simple, moldable, passive Needle-Stick-Prevention Safety Pen Needle.	United States	2021-07-19	17379286	Application	Embecta Corp.
CONTINUOUS GLUCOSE MONITORING INJECTION DEVICE	United States	2021-09-09	17471054	Application	Embecta Corp.

Patent	Jurisdiction	Filing Date	Application No.	Status	Owner
ARTERIAL DRUG ELUTING DEVICE TO TREAT DIABETES WITH TARGETED DELIVERY OF MEDICATION	United States	2021-09-15	17475616	Application	Embecta Corp.
PEN NEEDLE EXCHANGE SYSTEM	United States	2021-11-23	17533859	Application	Embecta Corp.
PEN NEEDLE ATTACHMENT MECHANISMS	United States	2021-12-03	17541331	Application	Embecta Corp.
Pen Needle Assembly Having Biodegradable Components	United States	2011-10-12	13138308	Published	Embecta Corp.
Direct Cgm Connectivity To A Cloud Storage Network	United States	2015-09-12	14775689	Published	Embecta Corp.
Continuous Glucose Monitoring On-Body Sensor Having A Visual Display	United States	2015-09-12	14775692	Abandoned	Embecta Corp.
RADIAL NEEDLE STORAGE MAGAZINE	United States	2018-10-24	16096165	Published	Embecta Corp.
SMART MEDICATION DELIVERY DEVICES FOR PROVIDING USERS WITH DELIVERY INFOMATICS AND METHODS OF USING SAME	United States	2018-10-23	16095787	Published	Embecta Corp.
DIGITAL WEB-BASED EDUCATION PLATFORM FOR DELIVERING TARGETED AND INDIVIDUALIZED TRAINING ON MEDICAL CONDITION MANAGEMENT TO USERS	United States	2019-06-25	16473392	Published	Embecta Corp.
DIABETES THERAPY TRAINING DEVICE	United States	2019-09-27	16498603	Published	Embecta Corp.
SYSTEMS, APPARATUSES AND METHODS TO ENCOURAGE INJECTION SITE ROTATION AND PREVENT LIPODYSTROPHY FROM REPEATED INJECTIONS TO A BODY AREA	United States	2018-11-13	16188907	Published	Embecta Corp.

Patent	Jurisdiction	Filing Date	Application No.	Status	Owner
A button-activated apparatus used to mount and dispose insulin pen needle with safety protection(needle stick injury) and automatic needle disposal mechanism: 20 new insulin pen needle can be mount into device at once. Pen needle mounting into pen can be single-handed with inserting pen into exposed pen needle device. Device is activated by button click. New pen needle is exposed and used needle is disposed automatically by clicking the button. Users are protected from contaminated used pen need	United States	2018-12-19	16957640	Published	Embecta Corp.
PEN ASSEMBLY	United States	2021-12-01	17615585	Published	Embecta Corp.
LEARNING MANAGEMENT SYSTEM FOR DIABETES MANAGEMENT	United States	2019-06-17	16443642	Published	Embecta Corp.
SYSTEM AND METHOD FOR DYNAMICALLY CALIBRATING AND MEASURING ANALYTE CONCENTRATION IN DIABETES MANAGEMENT MONITORS	United States	2019-06-27	16455307	Published	Embecta Corp.
METHOD AND APPARATUS FOR DELIVERING A THERAPEUTIC SUBSTANCE THROUGH AN INJECTION PORT	United States	2019-12-20	16722505	Published	Embecta Corp.
PEN NEEDLE WITH OUTER COVER	United States	2020-04-27	16859774	Published	Embecta Corp.
PEN NEEDLE WITH OUTER COVER	United States	2020-04-27	16859801	Published	Embecta Corp.
PEN NEEDLE	United States	2021-12-13	17618686	Published	Embecta Corp.

Patent	Jurisdiction	Filing Date	Application No.	Status	Owner
A reusable apparatus with the new design for 1. Mounting pen needle assembly on the pen with one hand. 2. Separating pen needle assembly from the pen with one hand. 3. Discarding the pen needle assembly with outer cover and inner shield. 4. Recapping inner shield or outer cover back to hub needle.	United States	2020-06-24	16957689	Published	Embecta Corp.
PEN NEEDLE COVER	United States	2020-07-24	16964780	Published	Embecta Corp.
PEN NEEDLE APPARATUS	United States	2020-08-06	16967872	Published	Embecta Corp.
PEN NEEDLE AND INNER SHIELD	United States	2020-08-10	16968790	Published	Embecta Corp.
DEVICE AND METHOD FOR INHIBITING MOVEMENT OF A MEDICAL DEVICE IN A PATIENT	United States	2020-08-31	17008226	Published	Embecta Corp.
PEN NEEDLE STORAGE	United States	2020-10-22	17049779	Published	Embecta Corp.
PEN NEEDLE ASSEMBLY	United States	2020-10-29	17051716	Published	Embecta Corp.
MEDICAL CANNULA PACKAGE	United States	2020-12-07	16972937	Published	Embecta Corp.
PEN NEEDLE	United States	2020-12-14	17252165	Published	Embecta Corp.
SYSTEM AND METHODS FOR IMPROVED DIABETES DATA MANAGEMENT AND USE EMPLOYING WIRELESS CONNECTIVITY BETWEEN PATIENTS AND HEALTHCARE PROVIDERS AND REPOSITORY OF DIABETES MANAGEMENT INFORMATION	United States	2021-03-02	17189605	Published	Embecta Corp.

Patent	Jurisdiction	Filing Date	Application No.	Status	Owner
PEN NEEDLE MAGAZINE	United States	2021-03-19	17207088	Published	Embecta Corp.
PEN NEEDLE MAGAZINE	United States	2021-04-26	17240765	Published	Embecta Corp.
APPARATUS FOR MOUNTING A PEN NEEDLE ASSEMBLY	United States	2021-07-26	17385597	Published	Embecta Corp.
SYSTEMS, APPARATUSES AND METHODS TO ENCOURAGE INJECTION SITE ROTATION AND PREVENT LIPODYSTROPHY FROM REPEATED INJECTIONS TO A BODY AREA	United States	2021-12-22	17558839	Published	Embecta Corp.
DISPLAY SCREEN OR PORTION THEREOF WITH A GRAPHICAL USER INTERFACE FOR AN INTEGRATED DISEASE MANAGEMENT SYSTEM	United States	2022-11-08	29867798	Application	Embecta Corp.
DISPLAY SCREEN OR PORTION THEREOF WITH A GRAPHICAL USER INTERFACE FOR AN INTEGRATED DISEASE MANAGEMENT SYSTEM	United States	2022-11-08	29867799	Application	Embecta Corp.
PEN NEEDLE MAGAZINE	United States	2021-11-30	17615452	Published	Embecta Corp.
PEN NEEDLE MAGAZINE	United States	2021-11-30	17615500	Published	Embecta Corp.
SYSTEMS, APPARATUSES AND METHODS TO ENCOURAGE INJECTION SITE ROTATION AND PREVENT LIPODYSTROPHY FROM REPEATED INJECTIONS TO A BODY AREA	United States	2021-12-22	17558839	Published	Embecta Corp.
PEN NEEDLE WITH RETRACTABLE SHIELD	United States	2022-03-03	17640139	Published	Embecta Corp.
INTEGRATED DISEASE MANAGEMENT SYSTEM	United States	2022-05-23	17750984	Published	Embecta Corp.

Patent	Jurisdiction	Filing Date	Application No.	Status	Owner
PEN NEEDLE HUB WITH A PATIENT CONTACT SURFACE	United States	2022-01-21	17814076	Application	Embecta Corp.
DETACHABLE INJECTION PEN ACCESSORIES AND METHODS FOR CAPTURING INFOMATICS OF INJECTION EVENTS	Unites States	2022-03-30	63325300	Application	Embecta Corp.
PEN NEEDLE APPARATUS	United States	2022-06-09	17836632	Published	Embecta Corp.
SAFETY PEN NEEDLE ASSEMBLY	United States	2022-06-27	17850236	Published	Embecta Corp.
MODULAR DELIVERY PEN SYSTEMS AND METHODS OF USING THE SAME	United States	2022-08-16	63371540	Application	Embecta Corp.
DOSAGE MEASUREMENT DEVICE FOR A PEN INJECTOR AND METHODS OF USE	United States	2022-09-20	63376336	Application	Embecta Corp.
RETRACTABLE SLEEVE FOR PEN NEEDLE ASSEMBLY	United States	2022-09-23	17934767	Published	Embecta Corp.
PEN NEEDLE HUB INJECTION DPTH OPTIMIZATION	United States	2022-11-08	18053655	Application	Embecta Corp.
PASSIVE SAFETY NEEDLE SHIELD	United States	2022-11-10	18054343	Application	Embecta Corp.
ANTI-ROTATION MECHANISM IN FLUID DELIVERY DEVICES	United States	2022-11-30	63385499	Application	Embecta Corp.
NON-ROUND RESERVOIR INJECTION PEN WITH TELESCOPING SCREWS	United States	2023-01-13	63479772	Application	Embecta Corp.
GOAL MANAGEMENT SYSTEM	United States	2023-01-30	18161550	Application	Embecta Corp.

Patent Licenses:

None.

Schedule B
Trademarks

Registered Trademarks:

Mark	Jurisdiction	Filing Date	Registration No./ Registration Date	Status	Current Owner of Record
MICRO-FINE	United States	6/25/1980	1200952	Registered	Embecta Corp.
LO-DOSE	United States	7/15/1980	1174046	Registered	Embecta Corp.
MAGNI-GUIDE	United States	8/27/1982	1267017	Registered	Embecta Corp.
SAFE-CLIP	United States	2/28/1983	1275005	Registered	Embecta Corp.
ULTRA-FINE	United States	8/2/2001	2642357	Registered	Embecta Corp.
STAYING ON TARGET	United States	3/28/2003	2931775	Registered	Embecta Corp.
Private Label Design	United States	7/11/2007	3568253	Registered	Embecta Corp.
Private Label Design (No.2)	United States	1/6/2009	3807906	Registered	Embecta Corp.
Nano	United States	7/26/2011	4381931	Registered	Embecta Corp.
6mm Circle U100 (blue/orange)	United States	9/27/2011	4302230	Registered	Embecta Corp.
6mm Circle U40-U100 (blue/white)	United States	9/27/2011	4302229	Registered	Embecta Corp.
GETTING STARTED	United States	8/1/2013	4470970	Registered	Embecta Corp.
Diabetes Injection Coach with design	United States	4/14/2014	5050164	Registered	Embecta Corp.
FLOWSMART	United States	4/16/2014	5129401	Registered	Embecta Corp.
AUTOSHIELD DUO	United States	7/25/2014	4842321	Registered	Embecta Corp.
LEAH	United States	7/31/2017	5417035	Registered	Embecta Corp.

Trademark Applications:

None.

Trademark Licenses:

None.