

TRADEMARK ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

ETAS ID: TM536403

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	SECURITY INTEREST

CONVEYING PARTY DATA

Name	Formerly	Execution Date	Entity Type
Mannkind Corporation		08/06/2019	Corporation: DELAWARE
Mannkind LLC		08/06/2019	Limited Liability Company: DELAWARE

RECEIVING PARTY DATA

Name:	Midcap Financial Trust, as agent
Street Address:	7255 Woodmont Ave., Suite 200
City:	Bethesda
State/Country:	MARYLAND
Postal Code:	20814
Entity Type:	Statutory Trust: DELAWARE

PROPERTY NUMBERS Total: 20

Property Type	Number	Word Mark
Registration Number:	3797553	X
Registration Number:	3858037	AFREZZA
Registration Number:	3915028	BLUHALE
Registration Number:	4159235	CRICKET
Registration Number:	4132297	DREAMBOAT
Registration Number:	3411048	MANNKIND
Registration Number:	3794961	MANNKIND
Registration Number:	5399791	MANNKIND CARES
Registration Number:	5399790	X MANNKIND CARES
Registration Number:	3686097	
Registration Number:	4283417	OUR FOCUS IS PATIENTS, OUR PASSION IS IN
Registration Number:	4110338	OUR FOCUS IS PATIENTS, OUR PASSION IS IN
Registration Number:	4386421	TECHNOSPHERE
Registration Number:	2646204	TECHNOSPHERE
Registration Number:	3411049	X
Serial Number:	87499259	AFREZZA MONOPACK
Serial Number:	88210368	BLUHALE
Serial Number:	87042197	OUTSULIN

TRADEMARK

Property Type	Number	Word Mark
Serial Number:	87407261	
Serial Number:	87407242	

CORRESPONDENCE DATA

Fax Number: 7036106200

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: 7036106100

Email: boxip@hoganlovells.com

Correspondent Name: Rachel Fleeson of Hogan Lovells US LLP

Address Line 1: 8350 Broad Street, 17th Floor

Address Line 2: Attn: Box Intellectual Property

Address Line 4: Tysons, VIRGINIA 22102

NAME OF SUBMITTER:	Rachel Fleeson of Hogan Lovells US LLP
SIGNATURE:	/rf/
DATE SIGNED:	08/13/2019

Total Attachments: 9

- source=MidCap _ MannKind _ IP Security Agreement TM#page1.tif
- source=MidCap _ MannKind _ IP Security Agreement TM#page2.tif
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- source=MidCap _ MannKind _ IP Security Agreement TM#page7.tif
- source=MidCap _ MannKind _ IP Security Agreement TM#page8.tif
- source=MidCap _ MannKind _ IP Security Agreement TM#page9.tif

INTELLECTUAL PROPERTY SECURITY AGREEMENT

This Intellectual Property Security Agreement is entered into as of the 6th day of August, 2019 by and among **MIDCAP FINANCIAL TRUST**, a Delaware statutory trust (in such capacity, together with its successors and assigns, "Agent"), and **MANNKIND CORPORATION**, a Delaware corporation ("Mann Corp"), **MANNKIND LLC**, a Delaware limited liability company (together with Mann Corp and any other Person that joins this agreement as a Grantor, each a "Grantor" and collectively, the "Grantors").

RECITALS

A. The Lenders have agreed to make certain advances of money and to extend certain financial accommodation to the Grantors and other Credit Parties (the "Credit Extensions") in the amounts and manner set forth in that certain Credit and Security Agreement, by and between Agent, the Lenders, the Grantors and the other Credit Parties party thereto dated as of the date hereof (as the same may be amended, modified or supplemented from time to time, the "Credit Agreement"; capitalized terms used herein are used as defined in the Credit Agreement). The Lenders are willing to make the Credit Extensions to the Credit Parties, but only upon the condition, among others, that the Grantors shall grant to Agent, for the ratable benefit of the Lenders, a security interest in certain Copyrights, Trademarks, Patents, and Mask Works (as each term is described below) to secure the obligations of the Credit Parties under the Credit Agreement.

B. Pursuant to the terms of the Credit Agreement, each Grantor has granted to Agent, for the ratable benefit of the Lenders, a security interest in all of such Grantor's right, title and interest, whether presently existing or hereafter acquired, in, to and under all of the Collateral.

NOW, THEREFORE, for good and valuable consideration, receipt of which is hereby acknowledged, and intending to be legally bound, as collateral security for the prompt and complete payment when due of its obligations under the Credit Agreement, each Grantor hereby represents, warrants, covenants and agrees as follows:

AGREEMENT

To secure its obligations under the Credit Agreement, each Grantor grants and pledges to Agent, for the ratable benefit of the Lenders, a security interest in all of such Grantor's right, title and interest in, to and under its intellectual property (all of which shall collectively be called the "Intellectual Property Collateral"), including, without limitation, the following:

(a) Any and all copyright rights, copyright applications, copyright registrations and like protections in each work or authorship and derivative work thereof, whether published or unpublished and whether or not the same also constitutes a trade secret, now or hereafter existing, created, acquired or held, including without limitation those set forth on Exhibit A attached hereto, as such Exhibit may be amended, modified or supplemented from time to time (collectively, the "Copyrights");

(b) Any and all trade secrets, and any and all intellectual property rights in computer software and computer software products now or hereafter existing, created, acquired or held;

(c) Any and all design rights that may be available to such Grantor now or hereafter existing, created, acquired or held;

(d) Any and all patents, patent applications and like protections including, without limitation, improvements, divisions, continuations, renewals, reissues, extensions and continuations-in-part of the same, including without limitation the patents and patent applications set forth on Exhibit B attached hereto, as such Exhibit may be amended, modified or supplemented from time to time (collectively, the “Patents”);

(e) Any and all trademark and servicemark rights, whether registered or not, applications to register and registrations of the same and like protections, and the entire goodwill of the business of such Grantor connected with and symbolized by such trademarks, including without limitation those set forth on Exhibit C attached hereto, as such Exhibit may be amended, modified or supplemented from time to time (collectively, the “Trademarks”);

(f) Any and all mask works or similar rights available for the protection of semiconductor chips, now owned or hereafter acquired, including, without limitation those set forth on Exhibit D attached hereto, as such Exhibit may be amended, modified or supplemented from time to time (collectively, the “Mask Works”);

(g) Any and all claims for damages by way of past, present and future infringements of any of the rights included above, with the right, but not the obligation, to sue for and collect such damages for said use or infringement of the intellectual property rights identified above;

(h) All licenses or other rights to use any of the Copyrights, Patents, Trademarks, or Mask Works and all license fees and royalties arising from such use to the extent permitted by such license or rights;

(i) All amendments, extensions, renewals and extensions of any of the Copyrights, Trademarks, Patents, or Mask Works; and

(j) All proceeds and products of the foregoing, including without limitation all payments under insurance or any indemnity or warranty payable in respect of any of the foregoing.

Notwithstanding the foregoing, the Intellectual Property Collateral does not include any “intent to use” trademark at all times prior to the first use thereof, whether by the actual use thereof in commerce, the recording of a statement of use with the United States Patent and Trademark Office or otherwise, provided, that upon submission and acceptance by the United States Patent and Trademark Office of an amendment to allege use of an intent-to-use trademark application pursuant to 15 U.S.C. Section 1060(a) (or any successor provision) such intent-to-use application shall constitute Intellectual Property Collateral.

This security interest is granted in conjunction with the security interest granted to Agent, for the ratable benefit of the Lenders, under the Credit Agreement. The rights and remedies of Agent with respect to the security interest granted hereby are in addition to those set forth in the Credit Agreement and the other Financing Documents, and those which are now or hereafter available to Agent as a matter of law or equity. Each right, power and remedy of Agent provided for herein or in the Credit Agreement or any of the Financing Documents, or now or hereafter existing at law or in equity shall be cumulative and concurrent and shall be in addition to every right, power or remedy provided for herein and the exercise by Agent of any one or more of the rights, powers or remedies provided for in this Intellectual Property Security Agreement, the Credit Agreement or any of the other Financing Documents, or now or hereafter existing at law or in equity, shall not preclude the simultaneous or later exercise by any person, including Agent, of any or all other rights, powers or remedies.

THIS INTELLECTUAL PROPERTY SECURITY AGREEMENT AND ALL DISPUTES AND OTHER MATTERS RELATING HERETO OR THERETO OR ARISING THEREFROM (WHETHER SOUNDING IN CONTRACT LAW, TORT LAW OR OTHERWISE), SHALL BE GOVERNED BY, AND SHALL BE CONSTRUED AND ENFORCED IN ACCORDANCE WITH, THE LAWS OF THE STATE OF NEW YORK, WITHOUT REGARD TO CONFLICTS OF LAWS PRINCIPLES (OTHER THAN SECTION 5-1401 OF THE GENERAL OBLIGATIONS LAW).

EACH GRANTOR AND AGENT HEREBY IRREVOCABLY WAIVE ANY AND ALL RIGHT TO TRIAL BY JURY IN ANY LEGAL ACTION OR PROCEEDING ARISING OUT OF OR RELATING TO THIS INTELLECTUAL PROPERTY SECURITY AGREEMENT AND AGREES THAT ANY SUCH ACTION OR PROCEEDING SHALL BE TRIED BEFORE A COURT AND NOT BEFORE A JURY. EACH GRANTOR AND AGENT ACKNOWLEDGES THAT THIS WAIVER IS A MATERIAL INDUCEMENT TO ENTER INTO A BUSINESS RELATIONSHIP, THAT EACH HAS RELIED ON THE WAIVER IN ENTERING INTO THIS AGREEMENT, AND THAT EACH WILL CONTINUE TO RELY ON THIS WAIVER IN THEIR RELATED FUTURE DEALINGS. EACH GRANTOR AND AGENT WARRANTS AND REPRESENTS THAT IT HAS HAD THE OPPORTUNITY OF REVIEWING THIS JURY WAIVER WITH LEGAL COUNSEL, AND THAT IT KNOWINGLY AND VOLUNTARILY WAIVES ITS JURY TRIAL RIGHTS.

This Intellectual Property Security Agreement may be signed in any number of counterparts, each of which shall be deemed an original and all of which when taken together shall constitute one and the same instrument. Delivery of an executed counterpart of this Intellectual Property Security Agreement by facsimile or by electronic mail delivery of an electronic version (e.g., .pdf or .tif file) of an executed signature page shall be effective as delivery of an original executed counterpart hereof and shall bind the parties hereto.

The provisions of the Credit Agreement regarding choice of law, jurisdiction, and venue are incorporated herein and shall govern this Intellectual Property Security Agreement. This Intellectual Property Security Agreement shall inure to the benefit of Agent, the Lenders and their respective successors and assigns, and shall be binding upon each Grantor and its successors and assigns.

[Signature page follows.]

IN WITNESS WHEREOF, the parties have caused this Intellectual Property Security Agreement to be duly executed by its officers thereunto duly authorized as of the first date written above.

GRANTORS:

MANNKIND CORPORATION

By: Steven B Binder
Name: Steven Binder
Title: Chief Financial Officer

Address:

30930 Russell Ranch Road, Suite 300
Westlake Village, CA 91362
Attn: Steven Binder
E-Mail: sbinder@mannkindcorp.com

MANNKIND LLC

By: Steven B Binder
Name: Steven Binder
Title: Chief Financial Officer

Address:

c/o MannKind Corporation
30930 Russell Ranch Road, Suite 300
Westlake Village, CA 91362
Attn: Steven Binder
E-Mail: sbinder@mannkindcorp.com

AGENT:

MIDCAP FINANCIAL TRUST

**By: Apollo Capital Management, L.P.,
its investment manager**

**By: Apollo Capital Management GP, LLC,
its general partner**


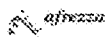
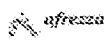
By: 
Name: Maurice Amsellem
Title: Authorized Signatory

EXHIBIT C

Trademarks

INTELLECTUAL PROPERTY (REGISTRATIONS AND APPLICATIONS)				
Company that is Owner of IP	Name / Identifier of IP	Type of IP (e.g. patent, TM, ©, mask work)	Registration/Publication or Application Number	Filing Date/Expiration Date
MannKind Corp.	AFREZZA	TM	Argentina: Reg. No. 2410468	11/25/2010
MannKind Corp.	AFREZZA	TM	Argentina: Reg. No. 2410469	11/25/2010
MannKind Corp.	AFREZZA Stylized & Design		Argentina: App. No. 376591	12/10/2018
MannKind Corp.	AFREZZA Stylized & Design		Argentina: App. No. 376590	12/10/2018
MannKind Corp.	AFREZZA	TM	Australia: Reg. No. 1659188	1/25/2019
MannKind Corp.	AFREZZA	TM	Australia: Reg. No. 1346604	6/21/2010
MannKind Corp.	Afrezza Design Logo	TM	Australia: App. No. 1985427	1/25/2019
MannKind Corp.	BLUHALE	TM	Australia: Reg. No. 1280842	8/31/2009
MannKind Corp.	BLUHALE	TM	Australia: App. No. 2011980	5/27/2019
MannKind Corp.	MANNKIND	TM	Australia: Reg. No. 1254034	11/12/2009
MannKind Corp.	MANNKIND	TM	Australia: Reg. No. 1086189	3/27/2006
MannKind Corp.	MANNKIND CARES	TM	Australia: Reg. No. 1863704	1/21/2019
MannKind Corp.	MANNKIND CARES & Design	TM	Australia: Reg. No 1863703	6/13/2018
MannKind Corp.	OUTSULIN	TM	Australia: Reg. No. 1808539	3/2/2017
MannKind Corp.	SIMPLAIR	TM	Australia: Reg. No. 1334160	4/8/2010
MannKind Corp.	X Design Logo	TM	Australia: Reg. No. 1096197	5/29/2006
MannKind Corp.	X Design Logo	TM	Australia: Reg. No. 1254035	11/23/2009
MannKind Corp.	Running Avatar Design	TM	Australia: Reg. No. 1875189	2/8/2018
MannKind Corp.	Yoga Avatar Design	TM	Australia: Reg. No. 1875190	1/31/2018
MannKind Corp.	AFREZZA	TM	Brazil: Reg. No. 902330616	12/04/2012
MannKind Corp.	AFREZZA	TM	Brazil: Reg. No. 902330632	12/04/2012
MannKind Corp.	Afrezza Design Logo	TM	Brazil: Reg. No. 913180440	11/27/2018
MannKind Corp.	Afrezza Design Logo	TM	Brazil: Reg. No. 913180467	11/27/2018
MannKind Corp.	BLUHALE	TM	Brazil: App. No. 917421655	5/28/2019
MannKind Corp.	BLUHALE	TM	Brazil: App. No. 917421612	5/28/2019
MannKind Corp.	MANNKIND	TM	Brazil: App. No. 916220303	11/7/2018
MannKind Corp.	MANNKIND	TM	Brazil: App. No. 916220397	11/7/2018
MannKind Corp.	MANNKID CORPORATION & Design	TM	Brazil: Reg. No. 913180475	1/29/2019
MannKind Corp.	MANNKID CORPORATION & Design	TM	Brazil: Reg. No. 913180491	1/29/2019
MannKind Corp.	X Design Logo	TM	Brazil: Reg. No. 913180432	11/27/2018
MannKind Corp.	X Design Logo	TM	Brazil: Reg. No. 913180424	11/27/2018
MannKind Corp.	Running Avatar Design	TM	Brazil: Reg. No. 913448176	12/4/2018

MannKind Corp.	Yoga Avatar Design	TM	Brazil: Reg. No. 913448222	12/4/2018
MannKind Corp.	TECHNOSPHERE INTERNATIONAL	TM	Brazil: Reg. No. 913596060	1/2/2019
MannKind Corp.	TECHNOSPHERE INTERNATIONAL	TM	Brazil: Reg. No. 913596043	1/2/2019
MannKind Corp.	TECHNOSPHERE INTERNATIONAL	TM	Brazil: Reg. No. 913596027	1/2/2019
MannKind Corp.	Afrezza Design Logo	TM	Canada: Reg. No. TMA820865	3/28/2012
MannKind Corp.	AFRESA	TM	Canada: Reg. No. TMA815031	1/6/2012
MannKind Corp.	AFRESA	TM	Canada: Reg. No. TMA825980	6/11/2012
MannKind Corp.	AFREZZA	TM	Canada: Reg. No. TMA810043	10/25/2011
MannKind Corp.	BLUHALE	TM	Canada: Reg. No. TMA817470	2/13/2012
MannKind Corp.	BLUHALE	TM	Canada: App. No. 1965445	5/29/2019
MannKind Corp.	MANNKIND	TM	Canada: Reg. No. TMA840081	1/14/2013
MannKind Corp.	MANNKIND	TM	Canada: Reg. No. TMA809281	10/18/2011
MannKind Corp.	MANNKIND CARES	TM	Canada: App. No. 1851370	8/8/2017
MannKind Corp.	MANNKIND CARES & Design	TM	Canada: App. No. 1851367	8/8/2017
MannKind Corp.	OUTSULIN	TM	Canada: App. No. 1810093	11/18/2016
MannKind Corp.	Running Avatar (Purple)	TM	Canada: App. No. 1860467	9/25/2017
MannKind Corp.	Yoga Avatar (Blue)	TM	Canada: App. No. 1860468	9/25/2017
MannKind Corp.	Circle and X Design Logo	TM	Canada: Reg. No. TMA844460	2/25/2013
MannKind Corp.	X Design Logo (Miscellaneous)	TM	Canada: Reg. No. TMA769088	6/8/2010
MannKind Corp.	Afrezza Design Logo	TM	China: Reg. No. 10426730	11/21/2013
MannKind Corp.	Afrezza Design Logo	TM	China: Reg. No. 10426729	7/14/2014
MannKind Corp.	AFREZZA	TM	China: Reg. No. 8076459	3/7/2011
MannKind Corp.	AFREZZA	TM	China: Reg. No. 8076460	2/28/2011
MannKind Corp.	AFREZZA (Chinese equivalent)	TM	China: Reg. No. 10994199	9/21/2013
MannKind Corp.	AFREZZA (Chinese equivalent)	TM	China: Reg. No. 10994196	9/28/2013
MannKind Corp.	AFREZZA (Chinese equivalent)	TM	China: Reg. No. 10994197	9/21/2013
MannKind Corp.	AFREZZA (Chinese equivalent)	TM	China: Reg. No. 10994198	9/21/2013
MannKind Corp.	MANNKIND	TM	China: Reg. No. 10426731	3/21/2013
MannKind Corp.	MANNKIND ball and line design (Afrezza Design Logo)	TM	China: Reg. No. 10426729	7/14/2014
MannKind Corp.	AFRESA	TM	EU: Reg. No. 006338834	11/26/2010
MannKind Corp.	AFRESA	TM	EU: Reg. No. 008389629	1/28/2010
MannKind Corp.	AFREZZA	TM	EU: Reg. No. 008897217	3/01/2012
MannKind Corp.	BLUHALE	TM	EU: Reg. No. 007573926	11/10/2009
MannKind Corp.	COFFEE KICK	TM	EU: Reg. No. 011082799	2/20/2013
MannKind Corp.	COFFEE KICK	TM	EU: Reg. No. 011082807	2/20/2013
MannKind Corp.	FAXELA	TM	EU: Reg. No. 006338842	8/29/2008
MannKind Corp.	FRESA	TM	EU: Reg. No. 008897233	10/28/2010
MannKind Corp.	MANNKIND	TM	EU: Reg. No. 007134901	4/15/2009
MannKind Corp.	MANNKIND	TM	EU: Reg. No. 002296473	7/11/2001

MannKind Corp.	MannKind ball & line Design (Afrezza Design Logo)	TM	EU: Reg. No. 008221004	4/26/2010
MannKind Corp.	Running Avatar Design	TM	EU: Reg. No. 017238478	3/13/2018
MannKind Corp.	Yoga Avatar Design	TM	EU: Reg. No. 017236308	2/12/2018
MannKind Corp.	X Design Logo	TM	EU: Reg. No. 004883153	3/06/2012
MannKind Corp.	X Design Logo	TM	EU: Reg. No. 007134951	6/16/2009
MannKind Corp.	TECHNOSPHERE	TM	EU: Reg. No. 003909199	11/3/2005
MannKind Corp.	WINE BLAST	TM	EU: Reg. No. 011082781	2/20/2013
MannKind Corp.	AFREZZA	TM	India: Reg. No. 1924856	2/9/2016
MannKind Corp.	AFREZZA & Design	TM	India: Reg. No. 3470196	7/18/2017
MannKind Corp.	AFREZZA & Design	TM	India: Reg. No. 3470195	7/18/2017
MannKind Corp.	Afrezza Design Logo	TM	India: App. No. 4071576	1/30/2019
MannKind Corp.	Afrezza Design Logo	TM	India: Reg. No. 4071577	1/30/2019
MannKind Corp.	AFRESA	TM	Japan: Reg. No. 5115582	2/29/2008
MannKind Corp.	AFRESA	TM	Japan: Reg. No. 5306952	3/05/2010
MannKind Corp.	AFREZZA	TM	Japan: Reg. No. 5359208	10/8/2010
MannKind Corp.	BLUHALE	TM	Japan: Reg. No. 5262745	9/4/2009
MannKind Corp.	FAXELA	TM	Japan: Reg. No. 5109373	2/01/2008
MannKind Corp.	MANNKIND	TM	Japan: Reg. No. 5352301	9/10/2010
MannKind Corp.	MANNKIND	TM	Japan: Reg. No. 4946754	4/21/2006
MannKind Corp.	Mannkind Ball & Line Design (Afrezza Design Logo)	TM	Japan: Reg. No. 5252712	7/31/2009
MannKind Corp.	X Design Logo	TM	Japan: Reg. No. 4968064	7/7/2006
MannKind Corp.	X Design Logo	TM	Japan: Reg. No. 5320823	4/30/2010
MannKind Corp.	Afrezza Design Logo	TM	Mexico: Reg. No. 1117117	8/26/2009
MannKind Corp.	Afrezza Design Logo	TM	Mexico: Reg. No. 1117118	8/26/2009
MannKind Corp.	AFRESA	TM	Mexico: Reg. No. 1890193	5/29/2018
MannKind Corp.	AFRESA	TM	Mexico: Reg. No. 1021920	1/29/2008
MannKind Corp.	AFRESA	TM	Mexico: Reg. No. 1120021	9/9/2009
MannKind Corp.	AFREZZA	TM	Mexico: Reg. No. 1155251	4/27/2010
MannKind Corp.	AFREZZA	TM	Mexico: Reg. No. 1155250	4/27/2010
MannKind Corp.	BLUHALE	TM	Mexico: Reg. No. 2012126	6/20/2019
MannKind Corp.	BLUHALE	TM	Mexico: Reg. No. 1103929	6/5/2009
MannKind Corp.	MANNKIND CARES	TM	Mexico: Reg. No. 1819533	11/14/2017
MannKind Corp.	MANNKIND CARES & Design	TM	Mexico: Reg. No. 1813966	10/24/2017
MannKind Corp.	MANNKIND CORPORATION & Design	TM	Mexico: App. No. 2218334	6/7/2019
MannKind Corp.	MANNKIND CORPORATION & Design	TM	Mexico: App. No. 2072098	7/9/2018
MannKind Corp.	MANNKIND CORPORATION & Design	TM	Mexico: App. No. 2072099	7/9/2018
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MannKind Corp.	X Design Logo	TM	Mexico: Reg. No. 1817343	11/7/2017

MannKind Corp.	X Design Logo	TM	Mexico: Reg. No. 1823800	11/24/2017
MannKind Corp.	X Design Logo	TM	Mexico: Reg. No. 1823801	11/24/2017
MannKind Corp.	OUTSULIN	TM	Mexico: Reg. No. 1735287	3/22/2017
MannKind Corp.	OUTSULIN	TM	Mexico: Reg. No. 1735286	3/22/2017
MannKind Corp.	Running Avatar Design	TM	Mexico: Reg. No. 1757592	2/22/2018
MannKind Corp.	Yoga Avatar Design	TM	Mexico: Reg. No. 1849793	2/22/2018
MannKind Corp.	SIMPLAIR	TM	Mexico: Reg. No. 1139830	1/29/2010
MannKind Corp.	AFREZZA	TM	Norway: Reg. No. 268141	11/7/2012
MannKind Corp.	MANNKIND	TM	Norway: Reg. No. 268139	11/7/2012
MannKind Corp.	X Design Logo	TM	Norway: Reg. No. 268137	11/7/2012
MannKind Corp.	AFREZZA	TM	Russia: Reg. No. 441371	7/20/2011
MannKind Corp.	AFREZZA	TM	South Korea: Reg. No. 40-0864299	5/11/2011
MannKind Corp.	AFREZZA Stylized	TM	South Korea: Reg. No. 40-1138217	10/23/2015
MannKind Corp.	AFREZZA	TM	Switzerland: Reg. No. 634287	9/20/2012
MannKind Corp.	MANNKIND	TM	Switzerland: Reg. No. 636667	11/21/2012
MannKind Corp.	X Design Logo	TM	Switzerland: Reg. No. 636647	11/21/2012
MannKind Corp.	AFREZZA	TM	Taiwan: Reg. No. 1434197	10/01/2010
MannKind Corp.	AFREZZA	TM	UAE: Reg. No. 279731	7/29/2018
MannKind Corp.	MANNKIND	TM	UAE: Reg. No. 279069	7/26/2018
MannKind Corp.	MANNKIND	TM	UAE: Reg. No. 279068	7/26/2018
MannKind Corp.	X Design Logo	TM	USA: Reg. No. 3797553	6/01/2010
MannKind Corp.	AFREZZA	TM	USA: Reg. No. 3858037	10/05/2010
MannKind Corp.	AFREZZA MONOPACK		USA: App. No. 87/499259	6/21/2017
MannKind Corp.	BLUHALE	TM	USA: App. No. 88/210368	11/29/2018
MannKind Corp.	BLUHALE	TM	USA: Reg. No. 3915028	2/1/2011
MannKind Corp.	CRICKET	TM	USA: Reg. No. 4159235	6/12/2012
MannKind Corp.	DREAMBOAT	TM	USA: Reg. No. 4132297	4/24/2012
MannKind Corp.	MANNKIND	TM	USA: Reg. No. 3411048	4/8/2008
MannKind Corp.	MANNKIND	TM	USA: Reg. No. 3794961	5/25/2010
MannKind Corp.	MANNKIND CARES	TM	USA: Reg. No. 5399791	2/13/2018
MannKind Corp.	MANNKIND CARES & Design	TM	USA: Reg. No. 5399790	2/13/2018
MannKind Corp.	Afrezza Design Logo	TM	USA: Reg. No. 3686097	9/22/2009
MannKind Corp.	OUR FOCUS IS PATIENTS, OUR PASSION IS INNOVATION	TM	USA: Reg. No. 4283417	1/29/2013
MannKind Corp.	OUR FOCUS IS PATIENTS, OUR PASSION IS INNOVATION	TM	USA: Reg. No. 4110338	3/6/2012
MannKind Corp.	OUTSULIN	TM	USA: App. No. 87/042197	5/18/2016
MannKind Corp.	Running Avatar Design	TM	USA: App. No. 87/407261	4/11/2017
MannKind Corp.	TECHNOSPHERE	TM	USA: Reg. No. 4386421	8/20/2013
MannKind Corp.	TECHNOSPHERE	TM	USA: Reg. No. 2646204	11/5/2002
MannKind Corp.	X Design Logo	TM	USA: Reg. No. 3411049	4/8/2008
MannKind Corp.	Yoga Avatar Design	TM	USA: App. No. 87/407242	4/11/2017