## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT7219359

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

## **CONVEYING PARTY DATA**

Name	Execution Date
JANSSEN BIOTECH, INC.	03/09/2022

## **RECEIVING PARTY DATA**

Name:	MOMENTA PHARMACEUTICALS, INC.
Street Address:	1125 TRENTON-HARBOURTON ROAD
City:	TITUSVILLE
State/Country:	NEW JERSEY
Postal Code:	08560

#### **PROPERTY NUMBERS Total: 65**

Property Type	Number	
Application Number:	16363846	
Application Number:	17407814	
Application Number:	16303831	
Application Number:	16303793	
Application Number:	17491677	
Application Number:	15141413	
Application Number:	61987863	
Application Number:	62081923	
PCT Number:	US2015028926	
Application Number:	62340322	
Application Number:	62443451	
Application Number:	62443495	
Application Number:	62510228	
Application Number:	62589473	
PCT Number:	US2018012488	
Application Number:	17259051	
Application Number:	17259061	
Application Number: 17259491		
Application Number: 17259067		
Application Number:	17527741	

PATENT REEL: 059595 FRAME: 0323

507172513

Property Type	Number	
Application Number:	14416869	
Application Number:	15957703	
Application Number:	17508026	
PCT Number:	US2021033150	
Application Number:	17403278	
Application Number:	16081829	
Application Number:	62302419	
PCT Number:	US2021033156	
Application Number:	15954146	
Application Number:	16589634	
Application Number:	17602156	
Application Number:	63116643	
PCT Number:	US2021060182	
Application Number:	61768027	
Application Number:	61676253	
Application Number:	17032994	
Application Number:	17033452	
Application Number:	17100428	
Application Number:	14787403	
Application Number:	61818563	
Application Number:	16671595	
Application Number:	14890865	
Application Number:	61822795	
Application Number:	15985288	
Application Number:	16688772	
Application Number:	15028917	
Application Number:	61891778	
Application Number:	62744536	
Application Number:	62879930	
PCT Number:	US2019055983	
PCT Number:	US2019055987	
Application Number:	62836016	
Application Number:	62985381	
Application Number:	63026826	
Application Number:	63108741	
Application Number:	62981293	
Application Number:	63026927	
PCT Number:	US2021019607	

Property Type	Number
Application Number:	62986144
Application Number:	63026875
Application Number:	62985467
Application Number:	63026805
PCT Number:	US2021020898
Application Number:	63068098
Application Number:	63068796

#### **CORRESPONDENCE DATA**

**Fax Number:** (877)769-7945

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:** +1 (617) 368-2139

Email: apsi@fr.com
Correspondent Name: KATIE HYMA

Address Line 1: FISH & RICHARDSON P.C.

Address Line 2: P.O.BOX 1022

Address Line 4: MINNEAPOLIS, MINNESOTA 55440-1022

ATTORNEY DOCKET NUMBER:	14131-0001001
NAME OF SUBMITTER:	RITA M. LISTON
SIGNATURE:	/Rita M. Liston/
DATE SIGNED:	03/11/2022

#### **Total Attachments: 10**

source=14131\_Jenssen\_Momenta\_AssignmentJBltoMPI#page1.tif
source=14131\_Jenssen\_Momenta\_AssignmentJBltoMPI#page2.tif
source=14131\_Jenssen\_Momenta\_AssignmentJBltoMPI#page3.tif
source=14131\_Jenssen\_Momenta\_AssignmentJBltoMPI#page4.tif
source=14131\_Jenssen\_Momenta\_AssignmentJBltoMPI#page5.tif
source=14131\_Jenssen\_Momenta\_AssignmentJBltoMPI#page6.tif
source=14131\_Jenssen\_Momenta\_AssignmentJBltoMPI#page7.tif
source=14131\_Jenssen\_Momenta\_AssignmentJBltoMPI#page8.tif
source=14131\_Jenssen\_Momenta\_AssignmentJBltoMPI#page9.tif
source=14131\_Jenssen\_Momenta\_AssignmentJBltoMPI#page9.tif

#### **ASSIGNMENT**

Assignor: Janssen Biotech, Inc.

a corporation organized and existing under the laws of Pennsylvania, and having a

place of business at: 800/850 Ridgeview Drive Horsham, PA 19044

Assignee:

Momenta Pharmaceuticals, Inc.

a corporation organized and existing under the laws of Delaware, and having a place

of business at:

1125 Trenton-Harbourton Road

Titusville, NJ 08560

As included on the attached Schedule A and Schedule B documents:

- 1. Assignor represents that it is the owner of the patents and patent applications listed above, and of all foreign and domestic patents, patent applications, including continuation-in-part applications, reissues, re-examinations, certificates of invention, and the like that derive priority from, or claim the benefit of the filing date of, the patents and patent applications listed above (the "Patents and Patent Applications") and of all new and useful inventions and improvements that are disclosed in the Patents and Patent Applications (the "Inventions"). The Patents and Patent Applications and the Inventions are collectively referred to as the "Patent Assets."
- 2. Assignor hereby assigns to Assignee its entire worldwide right, title, and interest in and to the Patent Assets, including the right to file and prosecute, in Assignee's name wherever so permitted by law or in the name of Assignor wherever necessary, patent applications, including corresponding and continuing applications, reissues, re-examinations, certificates of invention, and the like based on any of the Patent Assets, and to claim priority to any of the Patents and Patent Applications pursuant to the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes.
- 3. Assignor shall, when requested by Assignee and at no cost to Assignor, (i) execute or cause to be executed all rightful oaths, assignments, and powers of attorney to Assignee or to agents and legal representatives of Assignee, and all other papers necessary and proper to carry out the intent and purpose of this Assignment, (ii) execute all papers necessary in connection with the

Attorney Docket No. 14131-0001001 Assignment from Janssen Biotech, Inc. to Momenta Pharmaceuticals, Inc.

Patents and Patent Applications, and any continuing, divisional, reissue, reexamination or other corresponding application thereof or post-grant proceeding relating thereto and to execute any separate assignment in connection with any such application as Assignee may deem necessary or expedient; and (iii) perform all affirmative acts that may be necessary to obtain a grant of a valid patent to Assignee on any of the Inventions.

- 4. Assignor hereby assigns to Assignee (a) all of Assignor's right, title, and interest in and to any claims, whether known or unknown, suspected or unsuspected, of any nature, including choses in action, that Assignor has or may have against any party for infringement of the Patents and Patent Applications and (b) the right to pursue, collect, and retain in the Assignee's name or otherwise, damages and any other remedies arising from any past, present, or future infringement of the Patent Assets, and any other rights assigned by this Assignment.
- Assignor represents that Assignor has the full right to convey the interests assigned by this
  Assignment, and that Assignor has not executed and will not execute any agreement in conflict
  with this Assignment.
- This Assignment is binding upon and inures to the benefit of the successors and assigns of the parties.
- To the extent any portion of the rights assigned by this Assignment has previously been assigned to the Assignee, this Assignment is a confirmation of the previous assignment.
- 8. Assignor acknowledges receipt of fair and adequate consideration for this Assignment.

[ASSIGNMENT CONTINUES ON SIGNATURE PAGE]

# Attorney Docket No. 14131-0001001 Assignment from Momenta Pharmaceuticals, Inc. to Momenta Pharmaceuticals, Inc.

The Assignor hereby executes this Assignment.		
Assignor: Janssen Biotech, Inc.		
		3
Signature: Welluce	Date: _	3/9/22
Name: Melissa Miller		
Title: Assistant Secretary, Janssen Biotech, Inc.		
Witnessed by:		
Signature: Kynn Mangi	Date:	3 (0 /202)
Print Name: LYAA MOROZIA		
		อไดไวมา
Signature:	Date:	3/9/2022
Print Name: Helene L. Hill		

## Attorney Docket No. 14131-0001001 Assignment from Janssen Biotech, Inc. to Momenta Pharmaceuticals, Inc.

The Assignee hereby acknowledges and accepts the foregoing assignment.

Assignee: Momenta Pharmaceuticals, Inc.

Signature: Market Momenta Pharmaceuticals, Inc.

Date: 3(9/22)

Name: Melissa Miller

Title: Momenta Pharmaceuticals, Inc.

Witnessed by:

Signature: Arm More 21n

Signature: All Market All Date: 3/9/2022

Print Name: Helene L All

24192533.doc

## SCHEDULE A

US 3/25/2019 16/363,846 COMPOSITIONS AND METHODS RELATED TO ENGINEE CONSTRUCTS  US 8/20/2021 17/407,814 COMPOSITIONS AND METHODS RELATED TO ENGINEE CONSTRUCTS  US 11/21/2018 16/303,831 COMPOSITIONS AND METHODS RELATED TO ENGINEE CONSTRUCTS  US 10/1/2021 17/491,877 COMPOSITIONS AND METHODS RELATED TO ENGINEE CONSTRUCTS  US 10/1/2021 17/491,877 COMPOSITIONS AND METHODS RELATED TO ENGINEE CONSTRUCTS  US 10/1/2021 17/491,877 COMPOSITIONS AND METHODS RELATED TO ENGINEE CONSTRUCTS  AU 5/1/2015 201525266 COMPOSITIONS AND METHODS RELATED TO ENGINEE CONSTRUCTS  III 5/1/2015 17/10/240.2 COMPOSITIONS AND METHODS RELATED TO ENGINEE CONSTRUCTS  III 5/1/2015 27/4735 COMPOSITIONS AND METHODS RELATED TO ENGINEE CONSTRUCTS  COMPOSITIONS AND METHODS RELATED TO ENGINEE CONSTRUCTS  III 5/1/2015 27/4735 COMPOSITIONS AND METHODS RELATED TO ENGINEE CONSTRUCTS  COMPOSITIONS AND METHODS RELATED TO ENGINEE CONSTRUCTS  III 5/1/2015 2016864612 COMPOSITIONS AND METHODS RELATED TO ENGINEE CONSTRUCTS  III 5/1/2015 2016864612 COMPOSITIONS AND METHODS RELATED TO ENGINEE CONSTRUCTS  III 5/1/2015 2016864612 COMPOSITIONS AND METHODS RELATED TO ENGINEE CONSTRUCTS  III 5/1/2015 2016864612 COMPOSITIONS AND METHODS RELATED TO ENGINEE CONSTRUCTS  III 5/1/2015 2016864612 COMPOSITIONS AND METHODS RELATED TO ENGINEE CONSTRUCTS  III 5/1/2015 2016864612 COMPOSITIONS AND METHODS RELATED TO ENGINEE CONSTRUCTS  III 5/1/2015 2016864612 COMPOSITIONS AND METHODS RELATED TO ENGINEE CONSTRUCTS  III 5/1/2015 2016864612 COMPOSITIONS AND METHODS RELATED TO ENGINEE CONSTRUCTS  III 5/1/2016 20167629712 COMPOSITIONS AND METHODS R				
CONSTRUCTS	ountry	Filed Date	Serial #	Title
CONSTRUCTS	US	3/25/2019	16/363,846	COMPOSITIONS AND METHODS RELATED TO ENGINEERED FO CONSTRUCTS
US         11/21/2018         16/303,793         COMPOSITIONS AND METHODS RELATED TO ENGINEE CONSTRUCTS           US         11/21/2021         17/491,677         COMPOSITIONS AND METHODS RELATED TO ENGINEE CONSTRUCTS           US         10/1/2021         17/491,677         COMPOSITIONS AND METHODS RELATED TO ENGINEE CONSTRUCTS           AU         5/1/2015         2015252866         COMPOSITIONS AND METHODS RELATED TO ENGINEE CONSTRUCTS           BR         5/1/2015         112016024780-9         COMPOSITIONS AND METHODS RELATED TO ENGINEE CONSTRUCTS           CA         5/1/2015         2015803203881.0         COMPOSITIONS AND METHODS RELATED TO ENGINEE CONSTRUCTS           CN         5/1/2015         2015803203882.0         COMPOSITIONS AND METHODS RELATED TO ENGINEE CONSTRUCTS           CN         5/1/2015         15785583.4         COMPOSITIONS AND METHODS RELATED TO ENGINEE CONSTRUCTS           IL         5/1/2015         17102540.2         COMPOSITIONS AND METHODS RELATED TO ENGINEE CONSTRUCTS           IL         5/1/2015         2474725         COMPOSITIONS AND METHODS RELATED TO ENGINEE CONSTRUCTS           IL         5/1/2015         247442         COMPOSITIONS AND METHODS RELATED TO ENGINEE CONSTRUCTS           IR         5/1/2015         201637028929         COMPOSITIONS AND METHODS RELATED TO ENGINEE CONSTRUCTS           IR         5/1/201	US	8/20/2021	17/407,814	COMPOSITIONS AND METHODS RELATED TO ENGINEERED FO
US	US	11/21/2018	16/303,831	COMPOSITIONS AND METHODS RELATED TO ENGINEERED FO
US	US	11/21/2018	16/303,793	COMPOSITIONS AND METHODS RELATED TO ENGINEERED FO
AU 5/1/2015 2015252866 COMPOSITIONS AND METHODS RELATED TO ENGINEE CONSTRUCTS  CA 5/1/2015 2941072 COMPOSITIONS AND METHODS RELATED TO ENGINEE CONSTRUCTS  CN 5/1/2015 201580020385.0 COMPOSITIONS AND METHODS RELATED TO ENGINEE CONSTRUCTS  CN 5/1/2015 201580020385.0 COMPOSITIONS AND METHODS RELATED TO ENGINEE CONSTRUCTS  EP 5/1/2015 15785583.4 COMPOSITIONS AND METHODS RELATED TO ENGINEE CONSTRUCTS  EP 5/1/2015 17102540.2 COMPOSITIONS AND METHODS RELATED TO ENGINEE CONSTRUCTS  IL 5/1/2015 274735 COMPOSITIONS AND METHODS RELATED TO ENGINEE CONSTRUCTS  IL 5/1/2015 247442 COMPOSITIONS AND METHODS RELATED TO ENGINEE CONSTRUCTS  IN 5/1/2015 201637028929 COMPOSITIONS AND METHODS RELATED TO ENGINEE CONSTRUCTS  IP 5/1/2015 201637028929 COMPOSITIONS AND METHODS RELATED TO ENGINEE CONSTRUCTS  IP 5/1/2015 201667028929 COMPOSITIONS AND METHODS RELATED TO ENGINEE CONSTRUCTS  IP 5/1/2015 201667028772 COMPOSITIONS AND METHODS RELATED TO ENGINEE CONSTRUCTS  IP 5/1/2015 201667029772 COMPOSITIONS AND METHODS RELATED TO ENGINEE CONSTRUCTS  IN 5/1/2015 10-2016-7029772 COMPOSITIONS AND METHODS RELATED TO ENGINEE CONSTRUCTS  IN 5/1/2015 10-2016-7029772 COMPOSITIONS AND METHODS RELATED TO ENGINEE CONSTRUCTS  IN 5/1/2015 10-2016-7029772 COMPOSITIONS AND METHODS RELATED TO ENGINEE CONSTRUCTS  IN 5/1/2015 10-2016-7029772 COMPOSITIONS AND METHODS RELATED TO ENGINEE CONSTRUCTS  IN 5/1/2015 10-2016-7029772 COMPOSITIONS AND METHODS RELATED TO ENGINEE CONSTRUCTS  IN 5/1/2015 10-2016-7029772 COMPOSITIONS AND METHODS RELATED TO ENGINEE CONSTRUCTS  IN 5/1/2015 10-2016-7029772 COMPOSITIONS AND METHODS RELATED TO ENGINEE CONSTRUCTS  IN 5/1/2015 10-2016-7029772 COMPOSITIONS AND METHODS RELATED TO ENGINEE CONSTRUCTS  IN 5/1/2014 61/987863 COMPOSITIONS AND METHODS RELATED TO ENGINEE CONSTRUCTS  IN 5/1/2014 61/987863 COMPOSITIONS AND METHODS RELATED TO ENGINEE CONSTRUCTS  IN 5/1/2014 61/987863 COMPOSITIONS AND METHODS RELATED TO ENGINEE CONSTRUCTS  IN 5/23/2017 2017272111 COMPOSITIONS AND METHODS RELATED TO ENGINEE CONSTRUCTS  IN 5/23/2017 2017272109 CO	US	10/1/2021	17/491,677	COMPOSITIONS AND METHODS RELATED TO ENGINEERED FI
S	AU	5/1/2015	2015252866	COMPOSITIONS AND METHODS RELATED TO ENGINEERED FO
CA         5/1/2015         2941072         COMPOSITIONS AND METHODS RELATED TO ENGINEE CONSTRUCTS           CN         5/1/2015         201580020385.0         COMPOSITIONS AND METHODS RELATED TO ENGINEE CONSTRUCTS           EP         5/1/2015         15785583.4         COMPOSITIONS AND METHODS RELATED TO ENGINEE CONSTRUCTS           HK         5/1/2015         17102540.2         COMPOSITIONS AND METHODS RELATED TO ENGINEE CONSTRUCTS           IL         5/1/2015         274735         COMPOSITIONS AND METHODS RELATED TO ENGINEE CONSTRUCTS           IN         5/1/2015         247442         COMPOSITIONS AND METHODS RELATED TO ENGINEE CONSTRUCTS           IN         5/1/2015         201637028929         COMPOSITIONS AND METHODS RELATED TO ENGINEE CONSTRUCTS           IP         5/1/2015         2016564612         COMPOSITIONS AND METHODS RELATED TO ENGINEE CONSTRUCTS           IP         5/1/2015         2016564612         COMPOSITIONS AND METHODS RELATED TO ENGINEE CONSTRUCTS           IR         5/1/2015         10-2016-7029772         COMPOSITIONS AND METHODS RELATED TO ENGINEE CONSTRUCTS           IR         5/1/2015         10-2016-7029772         COMPOSITIONS AND METHODS RELATED TO ENGINEE CONSTRUCTS           IN         5/1/2015         10-2016-702970         COMPOSITIONS AND METHODS RELATED TO ENGINEE CONSTRUCTS           IN         5/1/2015	88	5/1/2015	112016024780-9	COMPOSITIONS AND METHODS RELATED TO ENGINEERED FO
CONSTRUCTS	CA	5/1/2015	2941072	COMPOSITIONS AND METHODS RELATED TO ENGINEERED FO
CONSTRUCTS	CN	5/1/2015	201580020385.0	COMPOSITIONS AND METHODS RELATED TO ENGINEERED FO
BIL	£2	5/1/2015	15785583.4	COMPOSITIONS AND METHODS RELATED TO ENGINEERED FO
IL	НК	5/1/2015	17102540.2	COMPOSITIONS AND METHODS RELATED TO ENGINEERED FO CONSTRUCTS
II	\$£	5/1/2015	274735	COMPOSITIONS AND METHODS RELATED TO ENGINEERED FO CONSTRUCTS
CONSTRUCTS   COMPOSITIONS AND METHODS RELATED TO ENGINEE CONSTRUCTS     COMPOSITIONS AND METHODS RELATED TO ENGINEE CONSTRUCTS   COMPOSITIONS AND METHODS RELATED TO ENGINEE CONSTRUCTS     COMPOSITIONS AND METHODS RELATED TO ENGINEE CONSTRUCTS   COMPOSITIONS AND METHODS RELATED TO ENGINEE CONSTRUCTS     COMPOSITIONS AND METHODS RELATED TO ENGINEE CONSTRUCTS   COMPOSITIONS AND METHODS RELATED TO ENGINEE CONSTRUCTS     COMPOSITIONS AND METHODS RELATED TO ENGINEE CONSTRUCTS   COMPOSITIONS AND METHODS RELATED TO ENGINEE CONSTRUCTS     COMPOSITIONS AND METHODS RELATED TO ENGINEE CONSTRUCTS   COMPOSITIONS AND METHODS RELATED TO ENGINEE CONSTRUCTS     COMPOSITIONS AND METHODS RELATED TO ENGINEE CONSTRUCTS   COMPOSITIONS AND METHODS	¥L.	5/1/2015	247442	COMPOSITIONS AND METHODS RELATED TO ENGINEERED FO CONSTRUCTS
P	IN	5/1/2015	201637028929	COMPOSITIONS AND METHODS RELATED TO ENGINEERED FO CONSTRUCTS
CONSTRUCTS	jβ	5/1/2015	2020-084900	COMPOSITIONS AND METHODS RELATED TO ENGINEERED FO CONSTRUCTS
NZ	JP	5/1/2015	2016564612	COMPOSITIONS AND METHODS RELATED TO ENGINEERED FO CONSTRUCTS
SG   S/1/2015   102019135075   COMPOSITIONS AND METHODS RELATED TO ENGINEE CONSTRUCTS	KR	5/1/2015	10-2016-7029772	COMPOSITIONS AND METHODS RELATED TO ENGINEERED FO
SG	NZ	5/1/2015	724375	COMPOSITIONS AND METHODS RELATED TO ENGINEERED FO CONSTRUCTS
CONSTRUCTS	SG	S/1/2015	102019135075	COMPOSITIONS AND METHODS RELATED TO ENGINEERED FI
CONSTRUCTS	56	5/1/2015	11201607070V	COMPOSITIONS AND METHODS RELATED TO ENGINEERED F
US   11/19/2014   62/081923   COMPOSITIONS AND METHODS RELATED TO ENGINEE CONSTRUCTS	US	4/28/2016	15/141413	COMPOSITIONS AND METHODS RELATED TO ENGINEERED FO
US 11/19/2014 62/081923 COMPOSITIONS AND METHODS RELATED TO ENGINEE CONSTRUCTS  WG 5/1/2015 PCT/US2015/028926 COMPOSITIONS AND METHODS RELATED TO ENGINEE CONSTRUCTS  AU 5/23/2017 2017272111 COMPOSITIONS AND METHODS RELATED TO ENGINEE CONSTRUCTS  AU 5/23/2017 2017272109 COMPOSITIONS AND METHODS RELATED TO ENGINEE CONSTRUCTS  CONSTRUCTS COMPOSITIONS AND METHODS RELATED TO ENGINEE CONSTRUCTS  COMPOSITIONS AND METHODS RELATED TO ENGINEE CONSTRUCTS  88 5/23/2017 112018074032-2 COMPOSITIONS AND METHODS RELATED TO ENGINEE	US	S/2/2014	61/987863	COMPOSITIONS AND METHODS RELATED TO ENGINEERED FI
CONSTRUCTS	US	11/19/2014	62/081923	COMPOSITIONS AND METHODS RELATED TO ENGINEERED F
AU CONSTRUCTS  AU 5/23/2017 2017272109 COMPOSITIONS AND METHODS RELATED TO ENGINEE CONSTRUCTS  88 5/23/2017 112018074032-2 COMPOSITIONS AND METHODS RELATED TO ENGINEE	WO	5/1/2015	PCT/US2015/028926	COMPOSITIONS AND METHODS RELATED TO ENGINEERED FO CONSTRUCTS
AU 5/23/2017 2017272109 COMPOSITIONS AND METHODS RELATED TO ENGINES CONSTRUCTS  88 5/23/2017 112018074032-2 COMPOSITIONS AND METHODS RELATED TO ENGINES	AU	5/23/2017	2017272111	COMPOSITIONS AND METHODS RELATED TO ENGINEERED FO CONSTRUCTS
88 5/23/2017 112018074032-2 COMPOSITIONS AND METHODS RELATED TO ENGINEE	AU	5/23/2017	2017272109	COMPOSITIONS AND METHODS RELATED TO ENGINEERED FO
ALTHRICAN STANKING S	88	5/23/2017	112018074032-2	COMPOSITIONS AND METHODS RELATED TO ENGINEERED FO CONSTRUCTS.

BR	5/23/2017	1120180740560	COMPOSITIONS AND METHODS RELATED TO ENGINEERED FO CONSTRUCTS
CA	5/23/2017	3025310	COMPOSITIONS AND METHODS RELATED TO ENGINEERED For CONSTRUCTS
CA	5/23/2017	3025306	COMPOSITIONS AND METHODS RELATED TO ENGINEERED Fo
CN	5/23/2017	201.780045688.7	COMPOSITIONS AND METHODS RELATED TO ENGINEERED FO
CN	5/23/2017	201780045710.8	COMPOSITIONS AND METHODS RELATED TO ENGINEERED For CONSTRUCTS
ξP	5/23/2017	17803465.8	COMPOSITIONS AND METHODS RELATED TO ENGINEERED Fo
£P	5/23/2017	17803463.3	COMPOSITIONS AND METHODS RELATED TO ENGINEERED FO CONSTRUCTS
HK	5/23/2017	19129499	COMPOSITIONS AND METHODS RELATED TO ENGINEERED Fo
нк	5/23/2017	19129500.5	COMPOSITIONS AND METHODS RELATED TO ENGINEERED Fo
IL.	5/23/2017	263211	COMPOSITIONS AND METHODS RELATED TO ENGINEERED FO CONSTRUCTS
IL.	5/23/2017	263713	COMPOSITIONS AND METHODS RELATED TO ENGINEERED FC
10)	5/23/2017	201817048464	COMPOSITIONS AND METHODS RELATED TO ENGINEERED FC
, N	5/23/2017	201817048201	COMPOSITIONS AND METHODS RELATED TO ENGINEERED FO
Jp	5/23/2017	2018561639	COMPOSITIONS AND METHODS RELATED TO ENGINEERED FC
JΡ	5/23/2017	2018561641	COMPOSITIONS AND METHODS RELATED TO ENGINEERED For CONSTRUCTS
KR	5/23/2017	1020187037345	COMPOSITIONS AND METHODS RELATED TO ENGINEERED FO CONSTRUCTS
KR	5/23/2017	1020187037334	COMPOSITIONS AND METHODS RELATED TO ENGINEERED FO CONSTRUCTS
NZ	5/23/2017	749279	COMPOSITIONS AND METHODS RELATED TO ENGINEERED FO CONSTRUCTS
NZ	5/23/2017	749292	COMPOSITIONS AND METHODS RELATED TO ENGINEERED FO CONSTRUCTS
5G	5/23/2017	102020116245	COMPOSITIONS AND METHODS RELATED TO ENGINEERED FO CONSTRUCTS
SG	5/23/2017	31203810465R	COMPOSITIONS AND METHODS RELATED TO ENGINEERED FO CONSTRUCTS
56	5/23/2017	11201810466P	COMPOSITIONS AND METHODS RELATED TO ENGINEERED FO CONSTRUCTS
US	5/23/2017	16/303831	COMPOSITIONS AND METHODS RELATED TO ENGINEERED FO
U3	5/23/2017	16/303793	CONSTRUCTS  COMPOSITIONS AND METHODS RELATED TO ENGINEERED FOR
US	5/23/2016	62/340322	CONSTRUCTS  COMPOSITIONS AND METHODS RELATED TO ENGINEERED FO
IJS	1/6/2017	62/443451	CONSTRUCTS  COMPOSITIONS AND METHODS RELATED TO ENGINEERED FOR CONSTRUCTS
wo	5/23/2017	PCT/US2017/034087	CONSTRUCTS  COMPOSITIONS AND METHODS RELATED TO ENGINEERED FO
wo	5/23/2017	PCT/US2017/034084	CONSTRUCTS  COMPOSITIONS AND METHODS RELATED TO ENGINEERED FO
1		2018205808	COMPOSITIONS AND METHODS RELATED TO ENGINEERED FO

88	1/5/2018	112019013955-9	COMPOSITIONS AND METHODS RELATED TO ENGINEERED FO CONSTRUCTS
CA	1/5/2018	3049383	COMPOSITIONS AND METHODS RELATED TO ENGINEERED FO CONSTRUCTS
CN	1/5/2018	201880016496.8	COMPOSITIONS AND METHODS RELATED TO ENGINEERED Fo CONSTRUCTS
EÞ	1/5/2018	18736414.6	COMPOSITIONS AND METHODS RELATED TO ENGINEERED For CONSTRUCTS
HK	1/5/2018	62020006479	COMPOSITIONS AND METHODS RELATED TO ENGINEERED Fo
IN	1/5/2018	201937030485	COMPOSITIONS AND METHODS RELATED TO ENGINEERED Fo
jp	1/5/2018	2019537119	COMPOSITIONS AND METHODS RELATED TO ENGINEERED For CONSTRUCTS
KR	1/5/2018	1020197923075	COMPOSITIONS AND METHODS RELATED TO ENGINEERED FO
RU	1/5/2018	2019124716	COMPOSITIONS AND METHODS RELATED TO ENGINEERED FO CONSTRUCTS
SG	1/5/2018	11201906139V	COMPOSITIONS AND METHODS RELATED TO ENGINEERED For CONSTRUCTS
US	1/5/2017	62/443495	COMPOSITIONS AND METHODS RELATED TO ENGINEERED FO
US	5/23/2017	62/510228	COMPOSITIONS AND METHODS RELATED TO ENGINEERED FC CONSTRUCTS
US	11/21/2017	62/589473	COMPOSITIONS AND METHODS RELATED TO ENGINEERED FC CONSTRUCTS
WO	1/5/2018	PCT/US2018/012488	COMPOSITIONS AND METHODS RELATED TO ENGINEERED FO
US	1/8/2021	17/259,051	COMPOSITIONS AND METHODS RELATED TO ENGINEERED FO ANTIGEN BINDING DOMAIN CONSTRUCTS
US	1/8/2021	17/259,061	COMPOSITIONS AND METHODS RELATED TO ENGINEERED FO ANTIGEN BINDING DOMAIN CONSTRUCTS TARGETED TO CCR4
US	1/11/2021	17/259,491	COMPOSITIONS AND METHODS RELATED TO ENGINEERED For ANTIGEN BINDING DOMAIN CONSTRUCTS TARGETED TO CD38
US	1/8/2021	17/259,067	COMPOSITIONS AND METHODS RELATED TO ENGINEERED FO ANTIGEN BINDING DOMAIN CONSTRUCTS TARGETED TO PD- L1
US	6/28/2019	16/474,640	ENGINEERED Fo CONSTRUCTS
US	11/16/2021	17/527,741	ENGINEERED F∈ CONSTRUCTS
US	1/23/2015	14/416,869	GLYCOPROTEINS WITH ANTI-INFLAMMATORY PROPERTIES
US	4/19/2018	15/957,703	GLYCOPROTEINS WITH ANTI-INFLAMMATORY PROPERTIES
US	4/19/2018	17/508,026	GLYCOPROTEINS WITH ANTI-INFLAMMATORY PROPERTIES
US	10/22/2021	17/508,026	GLYCOPROTEINS WITH ANTI-INFLAMMATORY PROPERTIES
WIPO	5/19/2021	PCT/US2021/033150	HYPER-SIALYLATED IMMUNOGLOBULIN
us	8/16/2021	17/403,278	METHODS FOR MEASURING CONSUMPTION OF AMINO ACID N-CARBOXYANHYDRIDES DURING MANUFACTURE OF GLATIRAMER ACETATE
US	8/31/2018	16/081,829	METHODS RELATED TO ENGINEERED FC CONSTRUCTS
ξP	3/2/2017	17760849.4	METHODS RELATED TO ENGINEERED FC CONSTRUCTS
US	3/2/2016	52/302419	METHODS RELATED TO ENGINEERED FC CONSTRUCTS

wo	3/2/2017	PCT/US2017/020519	METHODS RELATED TO ENGINEERED FC CONSTRUCTS
WiPO	5/19/2021	PCT/US2021/033156	PREPARATION AND PURIFICATION OF HYPERSIALYLATED IgG
US	4/15/2018	15/954,148	SIALYLATED GLYCOPROTEINS
US	10/1/2019	16/589,634	SIALYLATED GLYCOPROTEINS
US	10/7/2021	17/602,156	SIALYLATED GLYCOPROTEINS
US	11/20/2020	63/116,643	SIALYLATED GLYCOPROTEINS
WIPO	11/19/2021	PCT/US2021/060182	SIALYLATED GLYCOPROTEINS
US	5/2/2014	61/987,863	COMPOSITIONS AND METHODS RELATED TO ENGINEERED FO CONSTRUCTS
US	11/19/2014	62/081,923	COMPOSITIONS AND METHODS RELATED TO ENGINEERED FO CONSTRUCTS
US	5/23/2016	62/340,322	COMPOSITIONS AND METHODS RELATED TO ENGINEERED FO CONSTRUCTS
US	1/6/2017	62/443,451	COMPOSITIONS AND METHODS RELATED TO ENGINEERED FO CONSTRUCTS
US	1/6/2017	62/443,495	COMPOSITIONS AND METHODS RELATED TO ENGINEERED FO CONSTRUCTS
US	5/23/2017	62/910,228	COMPOSITIONS AND METHODS RELATED TO ENGINEERED FC CONSTRUCTS
US	11/21/2017	62/589,473	COMPOSITIONS AND METHODS RELATED TO ENGINEERED FC CONSTRUCTS
US	7/26/2012	61/768,027	GLYCOPROTEINS WITH ANTI-INFLAMMATORY PROPERTIES

#### SCHEDULE B

Count	r Filing Number	Filing Dates	Titie
EP	13822833.3	25 Jul 2013	GLYCOPROTEINS WITH ANTI-INFLAMMATORY PROPERTIES
***************************************			0.1700000000000000000000000000000000000
US	15/957703	19 Apr 2018	GLYCOPROTEINS WITH ANTI-INFLAMMATORY PROPERTIES
US	14/416869	25 Jul 2013	GLYCOPROTEINS WITH ANTI-INFLAMMATORY PROPERTIES
		***************************************	
บร	61/676253	26 Jul 2012	GLYCOPROTEINS WITH ANTI-INFLAMMATORY PROPERTIES
US	61/768027	22 Feb 2013	GLYCOPROTEINS WITH ANTI-INFLAMMATORY PROPERTIES
US	91/780027	22 Feb 2013	GETCOPROTEINS WITH ANTI-INFORMATORY PROPERTIES
WO	PCT/US2013/052040	25 Jul 2013	GLYCOPROTEINS WITH ANTI-INFLAMMATORY PROPERTIES
	d amond a com		OVALIA AND OVACADO OCCUPA
<u>DE</u>	14792116.7	01 May 2014	SIALYLATED GLYCOPROTEINS
EP	14792116.7	01 May 2014	SIALYLATED GLYCOPROTEINS
<u>EP</u>	20158041.2	01 May 2014	SIALVLATED GLYCOPROTEINS
<u>ES</u>	14792116.7	01 May 2014	ISIALYLATED GLYCOPROTEINS
FR	14792116.7	01 May 2014	STALYLATED GLYCOPROTEINS
<u>GB</u>	14792116.7	01 May 2014	SIALYLATED GLYCOPROTEINS
HK	16109867.3	01 May 2014	SIALYLATED GLYCOPROTEINS
<u>HK</u>	42021025449	03 Feb 2021	SIALYLATED GLYCOPROTEINS
IE	14792116.7	01 May 2014	SIALYLATED GLYCOPROTEINS
IS	14792116.7	01 May 2014	SIALYLATED GLYCOPROTEINS
IT	14792116.7	01 May 2014	SIALYLATED GLYCOPROTEINS
NL.	14792116.7	01 May 2014	STALYLATED GLYCOPROTEINS
US	15/954146	16 Apr 2018	SIALYLATED GLYCOPROTEINS
US	16/589634	01 Oct 2019	SIALYLATED GLYCOPROTEINS
US	17/032994	25 Sep 2020	SIALYLATED GLYCOPROTEINS
US	1.7/033452	25 Sep 2020	SIALYLATED GLYCOPROTEINS
US	17/100428	20 Nov 2020	SIALYLATED GLYCOPROTEINS
US	14/787403	01 May 2014	SIALYLATED GLYCOPROTEINS
US	61/818563	02 May 2013	SIALYLATED GLYCOPROTEINS
wo	PCT/US2014/036413	01 May 2014	SIALYLATED GLYCOPROTEINS
DE	14798473.6	13 May 2014	METHODS FOR THE TREATMENT OF NEURODEGENERATION
to be	2.7755,72.0	13 7 137 202 1	( ) Company of the transfer of the displacement of the little of the displacement of the little of t
EP	14798473.6	13 May 2014	METHODS FOR THE TREATMENT OF NEURODEGENERATION
*******			
ES	14798473.6	13 May 2014	METHODS FOR THE TREATMENT OF NEURODEGENERATION
FR	14798473.6	13 May 2014	METHODS FOR THE TREATMENT OF NEURODEGENERATION
	3.77 3.6 77 2.0	1371372021	The tropic of the treatment of the order of
G8	14798473.6	13 May 2014	METHODS FOR THE TREATMENT OF NEURODEGENERATION
	4.5.2.05.07.5.5	4034. 3044	ARTICODO FOO TUE TOTATACIER OF NEURODENER (TERO)
HK	16109873.5	13 May 2014	METHODS FOR THE TREATMENT OF NEURODEGENERATION
IS	14798473.6	13 May 2014	METHODS FOR THE TREATMENT OF NEURODEGENERATION
IT	14798473.6	13 May 2014	METHODS FOR THE TREATMENT OF NEURODEGENERATION
			ALTER CO. A. F.A.D. TRUE TENTAMENT AT ALTER A C. M. COMPANIE AND ALTER AND A
NL	14798473.6	13 May 2014	METHODS FOR THE TREATMENT OF NEURODEGENERATION
US	16/671595	01 Nov 2019	METHODS FOR THE TREATMENT OF NEURODEGENERATION
			120033000000000000000000000000000000000
US	14/890865	13 May 2014	METHODS FOR THE TREATMENT OF NEURODEGENERATION
		ļ	
US	61/822795	13 May 2013	METHODS FOR THE TREATMENT OF NEURODEGENERATION
1 8 2 672	[nam	10 16 204 4	paper to Now to the land to the transfer of the state of
WO	PCT/US2014/037761	13 May 2014	METHODS FOR THE TREATMENT OF NEURODEGENERATION

Count	- Transport	Filing Dates	Title
HK	17101752.7	14 Oct 2014	SIALYLATED GLYCOPROTEINS
US_	15/985288	21 May 2018	SIALYLATED GLYCOPROTEINS
US	16/688772	19 Nov 2019	SIALYLATED GLYCOPROTEINS
US	15/028917	14 Oct 2014	SIALYLATED GLYCOPROTEINS
US US	61/891778	16 Oct 2013	SIALYLATED GLYCOPROTEINS
WO	PCT/US2014/060363	14 Oct 2014	SIALYLATED GLYCOPROTEINS
AU	2019357842	11 Oct 2019	TREATMENT WITH HIGHLY SILYLATED IGG COMPOSITIONS
BR	BR 11 2021 006852-0	11 Oct 2019	TREATMENT WITH HIGHLY SILYLATED IGG COMPOSITIONS
CA	3,115,821	11 Oct 2019	TREATMENT WITH HIGHLY SILYLATED IgG COMPOSITIONS
CN	2.0198E+11	11 Oct 2019	TREATMENT WITH HIGHLY SILYLATED IGG COMPOSITIONS
EA	202190875	11 Oct 2019	TREATMENT WITH HIGHLY SILYLATED IGG COMPOSITIONS
EP	19872100.3	11 Oct 2019	TREATMENT WITH HIGHLY SILYLATED IGG COMPOSITIONS
ÎL.	282136	11 Oct 2019	TREATMENT WITH HIGHLY SILYLATED IGG COMPOSITIONS
JP	2021-519701	11 Oct 2019	TREATMENT WITH HIGHLY SILYLATED IGG COMPOSITIONS
KR	10-2021-7013913	11 Oct 2019	TREATMENT WITH HIGHLY SILYLATED 19G COMPOSITIONS
us	17/284188	11 Oct 2019	TREATMENT WITH HIGHLY SILYLATED IGG COMPOSITIONS
US	17/284,188	4/9/20211	TREATMENT WITH HIGHLY SILYLATED IGG COMPOSITIONS
US	62/744536	11 Oct 2018	HYPERSIALYLATED IVIG
US	62/879930	29 Jul 2019	HYPERSIALYLATED IVIG
wo	PCT/US2019/055983	11 Oct 2019	TREATMENT WITH HIGHLY SILYLATED IGG COMPOSITIONS
wo	PCT/US2019/055987	11 Oct 2019	TREATMENT WITH HIGHLY SILYLATED IGG COMPOSITIONS
US	62/836016	18 Apr 2019	SIALYLATED GLYCOPROTEINS
WO	PCT/US2020/028863	17 Apr 2020	SIALYLATED GLYCOPROTEINS
US	62/985381	05 Mar 2020	HYPER-SIALYLATED IMMUNOGLOBULIN
US	63/026826	19 May 2020	HYPER-SIALYLATED IMMUNOGLOBULIN
US	63/108741	02 Nov 2020	HYPER-SIALYLATED IMMUNOGLOBULIN
US	62/981293	25 Feb 2020	ENZYME FOR SIALYLATION OF GLYCANS
US	63/026927	19 May 2020	ENZYME FOR SIALYLATION OF GLYCANS
WO	PCT/US2021/019607	25 Feb 2021	ENZYME FOR SIALYLATION OF GLYCANS
US	62/986144	06 Mar 2020	PREPARATION AND PURIFICATION OF HYPERSIALYLATED IGG
US	63/026875	19 May 2020	PREPARATION AND PURIFICATION OF HYPERSIALYLATED IgG
US	62/985467	05 Mar 2020	METHODS OF MAKING HYPER-SIALYLATED IMMUNOGLOBULIN
US	63/026805	19 May 2020	METHODS OF MAKING HYPER-SIALYLATED IMMUNOGLOBULIN
wo	PCT/U52021/020898	04 Mar 2021	METHODS OF MAKING HYPER-SIALYLATED IMMUNOGLOBULIN
US	63/068098	20 Aug 2020	SIALYLATED GLYCOPROTEINS
US	63/068796	21 Aug 2020	HYPERSIALYLATED IMMUNOGLOBULIN

**RECORDED: 03/11/2022**