

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT8141905

SUBMISSION TYPE:	NEW ASSIGNMENT		
NATURE OF CONVEYANCE:	TO CORRECT THE CORRESPONDENT TO "DORITY & MANNING, P.A." IN THE COVERSHEET PREVIOUSLY RECORDED AT REEL/FRAME 064532/0201		
CONVEYING PARTY DATA			
Name			Execution Date
UBER TECHNOLOGIES, INC.			01/19/2021
RECEIVING PARTY DATA			
Name:	UATC, LLC		
Street Address:	280 NORTH BERNARDO		
City:	MOUNTAIN VIEW		
State/Country:	CALIFORNIA		
Postal Code:	94043		
PROPERTY NUMBERS Total: 2			
Property Type	Number		
Application Number:	17749841		
Application Number:	17360599		
CORRESPONDENCE DATA			
Fax Number:	(864)233-7342		
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>			
Phone:	8642711592		
Email:	usdocketing@dority-manning.com, mabdo@dority-manning.com		
Correspondent Name:	DORITY & MANNING, P.A.		
Address Line 1:	PO BOX 1449		
Address Line 4:	GREENVILLE, SOUTH CAROLINA 29602		
ATTORNEY DOCKET NUMBER:	AURAT-ASSIGNMENT		
NAME OF SUBMITTER:	JUSTIN J. BROWN		
SIGNATURE:	/Justin J. Brown/		
DATE SIGNED:	08/30/2023		
Total Attachments: 45			
source=UTI-UATC_ConfirmatoryAssignment_19JAN2021#page1.tif			
source=UTI-UATC_ConfirmatoryAssignment_19JAN2021#page2.tif			
source=UTI-UATC_ConfirmatoryAssignment_19JAN2021#page3.tif			

source=UTI-UATC_ConfirmatoryAssignment_19JAN2021#page4.tif
source=UTI-UATC_ConfirmatoryAssignment_19JAN2021#page5.tif
source=UTI-UATC_ConfirmatoryAssignment_19JAN2021#page6.tif
source=UTI-UATC_ConfirmatoryAssignment_19JAN2021#page7.tif
source=UTI-UATC_ConfirmatoryAssignment_19JAN2021#page8.tif
source=UTI-UATC_ConfirmatoryAssignment_19JAN2021#page9.tif
source=UTI-UATC_ConfirmatoryAssignment_19JAN2021#page10.tif
source=UTI-UATC_ConfirmatoryAssignment_19JAN2021#page11.tif
source=UTI-UATC_ConfirmatoryAssignment_19JAN2021#page12.tif
source=UTI-UATC_ConfirmatoryAssignment_19JAN2021#page13.tif
source=UTI-UATC_ConfirmatoryAssignment_19JAN2021#page14.tif
source=UTI-UATC_ConfirmatoryAssignment_19JAN2021#page15.tif
source=UTI-UATC_ConfirmatoryAssignment_19JAN2021#page16.tif
source=UTI-UATC_ConfirmatoryAssignment_19JAN2021#page17.tif
source=UTI-UATC_ConfirmatoryAssignment_19JAN2021#page18.tif
source=UTI-UATC_ConfirmatoryAssignment_19JAN2021#page19.tif
source=UTI-UATC_ConfirmatoryAssignment_19JAN2021#page20.tif
source=UTI-UATC_ConfirmatoryAssignment_19JAN2021#page21.tif
source=UTI-UATC_ConfirmatoryAssignment_19JAN2021#page22.tif
source=UTI-UATC_ConfirmatoryAssignment_19JAN2021#page23.tif
source=UTI-UATC_ConfirmatoryAssignment_19JAN2021#page24.tif
source=UTI-UATC_ConfirmatoryAssignment_19JAN2021#page25.tif
source=UTI-UATC_ConfirmatoryAssignment_19JAN2021#page26.tif
source=UTI-UATC_ConfirmatoryAssignment_19JAN2021#page27.tif
source=UTI-UATC_ConfirmatoryAssignment_19JAN2021#page28.tif
source=UTI-UATC_ConfirmatoryAssignment_19JAN2021#page29.tif
source=UTI-UATC_ConfirmatoryAssignment_19JAN2021#page30.tif
source=UTI-UATC_ConfirmatoryAssignment_19JAN2021#page31.tif
source=UTI-UATC_ConfirmatoryAssignment_19JAN2021#page32.tif
source=UTI-UATC_ConfirmatoryAssignment_19JAN2021#page33.tif
source=UTI-UATC_ConfirmatoryAssignment_19JAN2021#page34.tif
source=UTI-UATC_ConfirmatoryAssignment_19JAN2021#page35.tif
source=UTI-UATC_ConfirmatoryAssignment_19JAN2021#page36.tif
source=UTI-UATC_ConfirmatoryAssignment_19JAN2021#page37.tif
source=UTI-UATC_ConfirmatoryAssignment_19JAN2021#page38.tif
source=UTI-UATC_ConfirmatoryAssignment_19JAN2021#page39.tif
source=UTI-UATC_ConfirmatoryAssignment_19JAN2021#page40.tif
source=UTI-UATC_ConfirmatoryAssignment_19JAN2021#page41.tif
source=UTI-UATC_ConfirmatoryAssignment_19JAN2021#page42.tif
source=UTI-UATC_ConfirmatoryAssignment_19JAN2021#page43.tif
source=AURAT-ASSIGNMENT_CorrectedCoversheet_0201#page1.tif
source=AURAT-ASSIGNMENT_CorrectedCoversheet_0201#page2.tif

Confirmatory Patent Assignment

This Confirmatory Patent Assignment (this "Assignment"), effective as of January 19, 2021 (the "Effective Date"), is entered into by and between Uber Technologies, Inc., a Delaware corporation ("Uber"), and UATC, LLC, a Delaware limited liability company ("UATC"). Uber and UATC are sometimes referred to herein individually as a "Party" and collectively as the "Parties."

WHEREAS, Uber and UATC entered into a certain IP Matters Agreement dated as of June 30, 2019, assigning, among other things, all right, title and interest in and to the patents and patent applications listed on the attached Schedule 1 (the "Transferred Patents") from Uber to UATC.

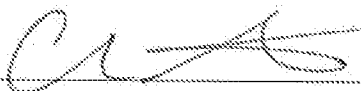
NOW THEREFORE, for good and valuable consideration, the receipt of which is acknowledged, Uber confirms it has assigned and transferred and, for the avoidance of doubt, hereby assigns and transfers to UATC all of its right, title and interest in and to the Transferred Patents including in and to any and all divisionals, continuations, continuations-in-part, substitutes, reexaminations, renewals, non-provisional applications, reissues, extensions, patents amended during post grant proceedings, and patents and patent applications which have or which may be filed therefrom, may claim priority to the Transferred Patents (or another patent application or patent claiming priority thereto), or any patent or similar rights that may be granted therefor, including any and all counterparts worldwide, including all right, title and interest in and to the right to claim priority to any of the Transferred Patents (or another patent application or patent claiming priority thereto), all income, royalties, damages and payments now or hereafter due or payable with respect to the Transferred Patents, and all causes of action (whether in law or equity) and the right to sue, counterclaim, and recover (any damages, profits and other relief) for the past, present and future infringement of the Transferred Patents. The Transferred Patents and all further applications filed therefrom and patents that issue on the Transferred Patents shall be held and enjoyed by UATC, its successors and assigns as fully and entirely as the same would have been held and enjoyed by UATC had this assignment not been made.

Uber agrees that if requested by UATC, Uber will perform any reasonable action which may be necessary to secure and to vest in UATC the full and entire right, title and interest in, to and under the Transferred Patents, including promptly communicating and providing any and all known and accessible facts, data or any other pertinent information thereof and promptly executing and delivering any and all papers, documents, forms, declarations, oaths, affidavits and other legal instruments.

Uber authorizes and requests the Commissioner for Patents in the United States Patent and Trademark Office, and any official of any country or countries, whose duty it is to issue patents or other evidence or forms of industrial property protection on applications as aforesaid, to record and register this Assignment upon request by UATC, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

IN WITNESS WHEREOF, the Parties hereto have caused this Assignment to be executed as of the Effective Date.

UBER TECHNOLOGIES, INC.

By: 
Print Name: Christopher Storm
Title: Legal Director

UATC, LLC

By: _____
Print Name: _____
Title: _____

Confirmatory Patent Assignment

This Confirmatory Patent Assignment (this "Assignment"), effective as of January 19, 2021 (the "Effective Date"), is entered into by and between Uber Technologies, Inc., a Delaware corporation ("Uber"), and UATC, LLC, a Delaware limited liability company ("UATC"). Uber and UATC are sometimes referred to herein individually as a "Party" and collectively as the "Parties."

WHEREAS, Uber and UATC entered into a certain IP Matters Agreement dated as of June 30, 2019, assigning, among other things, all right, title and interest in and to the patents and patent applications listed on the attached Schedule 1 (the "Transferred Patents") from Uber to UATC.

NOW THEREFORE, for good and valuable consideration, the receipt of which is acknowledged, Uber confirms it has assigned and transferred and, for the avoidance of doubt, hereby assigns and transfers to UATC all of its right, title and interest in and to the Transferred Patents including in and to any and all divisionals, continuations, continuations-in-part, substitutes, reexaminations, renewals, non-provisional applications, reissues, extensions, patents amended during post grant proceedings, and patents and patent applications which have or which may be filed therefrom, may claim priority to the Transferred Patents (or another patent application or patent claiming priority thereto), or any patent or similar rights that may be granted therefor, including any and all counterparts worldwide, including all right, title and interest in and to the right to claim priority to any of the Transferred Patents (or another patent application or patent claiming priority thereto), all income, royalties, damages and payments now or hereafter due or payable with respect to the Transferred Patents, and all causes of action (whether in law or equity) and the right to sue, counterclaim, and recover (any damages, profits and other relief) for the past, present and future infringement of the Transferred Patents. The Transferred Patents and all further applications filed therefrom and patents that issue on the Transferred Patents shall be held and enjoyed by UATC, its successors and assigns as fully and entirely as the same would have been held and enjoyed by UATC had this assignment not been made.

Uber agrees that if requested by UATC, Uber will perform any reasonable action which may be necessary to secure and to vest in UATC the full and entire right, title and interest in, to and under the Transferred Patents, including promptly communicating and providing any and all known and accessible facts, data or any other pertinent information thereof and promptly executing and delivering any and all papers, documents, forms, declarations, oaths, affidavits and other legal instruments.

Uber authorizes and requests the Commissioner for Patents in the United States Patent and Trademark Office, and any official of any country or countries, whose duty it is to issue patents or other evidence or forms of industrial property protection on applications as aforesaid, to record and register this Assignment upon request by UATC, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

IN WITNESS WHEREOF, the Parties hereto have caused this Assignment to be executed as of the Effective Date.

UBER TECHNOLOGIES, INC.

By: _____

Print Name: _____

Title: _____

UATC, LLC

By:  _____

Print Name: William Mouet

Title: Manager

Schedule 1

Transferred Patents

IP Right ID	Filing Date	Application Number	Publication Number	Country Code
UP-00940US	8/9/2019	16/536,895	20200333466	US
UP-00938US	8/12/2019	16/538,275	20200233415	US
UP-00934US	8/9/2019	16/536,925	20200232806	US
UP-01244USP	2/27/2020	62/982,693		US
UP-00715US	11/15/2018	16/191,735	20190147320	US
UP-00607USP2				US
UP-00936WO	1/24/2020	PCT/US2020/015066	2020154670	WO
UP-01046US	1/28/2020	16/774,566	20200240794	US
UP-00863CN	7/31/2019	201910701809.X	110888146	CN
UP-00863SG	7/31/2019	10201907051S	10201907051S	SG
UP-00863JP	7/23/2019	2019-135337	2020-020793	JP
UP-00863EP	7/31/2019	19189423.7	3605137	EP
UP-00863CA	7/25/2019	3,050,586		CA
UP-00863AU	7/31/2019	2019210587		AU
UP-00457US	10/20/2017	15/789,425	20190094858	US
UP-00500US	10/20/2017	15/789,334		US
UP-01046USP	1/28/2019	62/797,693		US
UP-00729US	10/5/2018	16/153,298	20190285501	US
UP-00454US	3/27/2019	16/366,543	20190302801	US
UP-00812US	3/14/2019	16/353,871	20190286921	US
UP-00938USP	1/23/2019	62/795,734		US
UP-00730US	6/19/2018	16/012,226	20190283766	US
UP-00731US	10/5/2018	16/153,312	20190283760	US
UP-01277US				US
UP-00666US	11/7/2018	16/183,012	20190138024	US
UP-00931USP	12/26/2018	62/785,034		US
UP-00932USP	12/26/2018	62/784,993		US
UP-00934USP	1/23/2019	62/795,728		US
UP-00933USP	1/31/2019	62/799,154		US
UP-00930USP1	12/26/2018	62/785,052		US
UP-00869US	6/11/2019	16/437,827	20190383945	US
UP-00774USP	5/16/2018	62/672,335		US
UP-00775US				US
UP-00773USP				US
UP-00715USP	11/15/2017	62/586,818		US
UP-00644US	5/23/2018	15/987,517	20190219699	US

UP-00486US1C1	5/6/2020	16/867,794	20200264627	US
UP-00730USP	3/19/2018	62/644,952		US
UP-00607EP	10/3/2018	18792766.0	3692395	EP
UP-01153USP2	4/30/2020	63/018,447		US
UP-00454USP	3/27/2018	62/648,541		US
UP-00607USP1	10/3/2017	62/567,439		US
UP-00500USP	9/25/2017	62/562,879		US
UP-00477USP	10/10/2017	62/570,262		US
UP-00579USP	12/11/2017	62/597,343		US
UP-00457USP	9/25/2017	62/562,866		US
UP-01229USP	4/30/2020	63/018,087		US
UP-00930USP2	4/29/2019	62/840,165		US
UP-00863USP	7/31/2018	62/712,479		US
UP-00704USP1	2/2/2018	62/625,868		US
UP-00704US2	3/13/2018	15/919,926	20190241122	US
UP-00941US	4/3/2020	16/839,208	20200319651	US
UP-00646USP	11/22/2017	62/590,074		US
UP-00645USP	11/7/2017	62/582,731		US
UP-00644USP	1/12/2018	62/617,006		US
UP-00678USP	12/28/2017	62/611,315		US
UP-00677USP	1/11/2018	62/616,114		US
UP-00676USP	1/12/2018	62/617,012		US
UP-00675USP	12/12/2017	62/597,805		US
UP-00674US				US
UP-00673US				US
UP-00672USP	3/22/2018	62/646,604		US
UP-00669US				US
UP-00668US				US
UP-00667US				US
UP-00666USP	11/7/2017	62/582,764		US
UP-00486USP1	1/3/2018	62/613,273		US
UP-00928US	12/5/2018	16/210,967	20200094794	US
UP-01153US	12/14/2020	17/247,497		US
UP-00477US	10/25/2017	15/793,700		US
UP-00935US	3/27/2019	16/366,561	20190301873	US
UP-00928USP	9/26/2018	62/736,767		US
UP-00930US2	12/26/2019	16/727,637	20200207375	US
UP-00930US1	12/26/2019	16/727,654	20200207369	US
UP-00869USP	6/15/2018	62/685,875		US
UP-00672US	8/28/2018	16/114,985	20190296546	US

UP-00774US				US
UP-00676US	5/23/2018	15/987,534	20190219404	US
UP-00812USP	3/14/2018	62/642,835		US
UP-00741WO	12/29/1998	PCT/US98/27794		WO
UP-00741JP	12/29/1998	2000-528106		JP
UP-00741GBDI	12/29/1998	0205005.2		GB
UP-00742US	12/4/1998	09/205,895		US
UP-00741TW	3/16/1999	TW19990100129	TW371725 B	TW
UP-00741MY	1/5/1999	MY1999PI00026	133013	MY
UP-00741KR	7/6/2000	KR20007007498	KR100380819	KR
UP-00741DEI	12/29/1998	DE1998182939	9882939 C2	DE
UP-00741DE	12/29/1998	DE1998182939	19882939 TI	DE
UP-00741AU	12/29/1998	AU19990020982		AU
UP-00741GB	12/29/1998	GB0014678.7		GB
UP-00741US	1/6/1998	09/003,389		US
UP-00740AT	4/18/2005	AT20050802442T		AT
UP-00740WO	4/18/2005	PCT/RU2005/000209	2006115427	WO
UP-00740US	4/18/2005	10/581,333	20090028384	US
UP-00740RU	4/18/2005	2007142371		RU
UP-00740KR	4/18/2005	10-2007-7024011		KR
UP-00740JP	4/18/2005	2008-506397		JP
UP-00740EP-GB	4/18/2005	05802442.3	1872302	GB
UP-00740EP	4/18/2005	05802442.3	1872302	EP
UP-00740EP-DE	4/18/2005	05802442.3	1872302	DE
UP-00740CN	4/18/2005	200580049502.2	101167085	CN
UP-00739US	3/22/2002	10/104,823	20030179294	US
UP-00859USP	7/13/2018	62/697,701		US
UP-00858USP	8/20/2018	62/719,982		US
UP-00804US1	9/7/2018	16/125,205	20190324466	US
UP-00804US2	9/7/2018	16/125,000	20190324475	US
UP-00936US	1/24/2020	16/752,242	20200239025	US
UP-00941USP	4/4/2019	62/829,583		US
UP-00607WO	10/3/2018	PCT/US2018/054124	2019070824	WO
UP-00859US	10/29/2018	16/173,654	20200018609	US
UP-00858US	10/29/2018	16/173,633	20200056895	US
UP-00940USP	4/17/2019	62/835,207		US
UP-00731USP	3/19/2018	62/644,956		US
UP-00729USP	3/19/2018	62/644,946		US
UP-01099USP	4/15/2019	62/834,337		US
UP-01375USP	11/13/2020	63/198,799		US

UP-00936USP	1/25/2019	62/796,840		US
UP-00935USP	1/28/2019	62/797,638		US
UP-00863HK	7/31/2019	42020015496.1	40025726	HK
UP-01244USP2	9/25/2020	63/083,632		US
UP-00863US	10/22/2018	16/166,950	20200041652	US
UP-01153USP	12/12/2019	62/947,253		US
UP-00804USP	4/19/2018	62/660,014		US
UP-00677USC1	9/10/2020	16/948,271	20200401145	US
UP-01004USP	3/27/2019	62/824,973		US
UP-00500USC1	8/6/2020	16/947,565	20200363803	US
UP-00477USD1	5/5/2020	16/866,701	20200264613	US
UP-01004US	7/2/2019	16/460,421	20200310013	US
UP-00931US	12/26/2019	16/727,680	20200211375	US
UP-00933US	12/31/2019	16/731,816	20200250439	US
UP-00932US	12/26/2019	16/727,695	20200207356	US
UP-00675US	3/22/2018	15/928,739	20190176842	US
UP-00486USP2	1/3/2018	62/613,248		US
UP-00486US1	3/7/2018	15/914,713	20190204849	US
UP-00678US	2/7/2018	15/891,017	20190204105	US
UP-00607US1	12/22/2017	15/853,448	20190101649	US
UP-00678USC1	7/13/2020	16/946,971	20210003415	US
UP-01099US	4/15/2020	16/849,586	20200327811	US
UP-00677US	3/6/2018	15/913,372	20190212744	US
UP-00704US1	3/13/2018	15/919,917	20190243364	US
UP-00645US	2/23/2018	15/903,399	20190137285	US
UP-00646US	2/23/2018	15/903,435	20190155306	US
UP-00486US2	3/7/2018	15/914,740	20190204850	US
UP-01133USP2	10/24/2019	62/925,288		US
UP-00606USC2	10/30/2019	16/669,180	20200106485	US
UP-01134USCIP1C1	8/28/2019	16/553,654	20190385071	US
UP-01334USP	8/7/2020	63/062,657		US
UP-01245USP	4/30/2020	63/018,036		US
UP-01241USP	7/1/2020	63/047,060		US
UP-00766USC1	6/1/2020	16/889,182	20200320881	US
UP-00467CN	3/20/2020	201880061470.5		CN
UP-01240USP	5/14/2020	63/024,781		US
UP-00467JP	2/20/2020	2020-510567	2020-531993	JP
UP-00467EP	2/21/2020	18782225.9	3673470	EP
UP-01243USP				US
UP-01175US1	3/27/2020	16/832,652		US

UP-01175US2	3/27/2020	16/832,675		US
UP-01176US	3/19/2020	16/824,258		US
UP-00286USC2	5/11/2020	US16/871,631		US
UP-00681USD1	4/3/2020	29/730,410		US
UP-01260USP	3/30/2020	63/001,838		US
UP-01221US	4/2/2020	16/834,674		US
UP-01246USP	3/2/2020	62/984,034		US
UP-00254US	10/31/2017	15/799,469	20180118164	US
UP-00790US				US
UP-00660EP	5/28/2020	18836692.6	3710980	EP
UP-00638EP	5/28/2020	18825823.0	3714345	EP
UP-00637EP	5/6/2020	18808168.1	3691936	EP
UP-00638CN	7/9/2020	201880086021.6		CN
UP-00246WO	1/4/2018	PCT/US2018/012323	2018132293	WO
UP-00282WO	2/19/2018	PCT/US2018/018600	2018156451	WO
UP-00247WO	12/22/2017	PCT/US2017/068104	2018125782	WO
UP-00950US	2/28/2019	16/288,255	20200209853	US
UP-01051US				US
UP-01038US				US
UP-00137EP	9/28/2016	16852522.8	3356899	EP
UP-01051USP	2/6/2019	62/802,200		US
UP-00459JP	2/25/2020	2020-511499	2020-527113	JP
UP-00459EP	2/24/2020	18755955.4	3659002	EP
UP-00979USP2				US
UP-00972USP2	7/1/2019	62/869,251		US
UP-00714USP	11/15/2017	62/586,777		US
UP-00981US				US
UP-00981USP2				US
UP-00431USC1	11/28/2018	16/202,488	20190094868	US
UP-00972US	11/15/2019	16/684,689	20200160532	US
UP-01237USP	6/16/2020	63/039,738		US
UP-01236USP	6/16/2020	63/039,522		US
UP-00901USC1	6/4/2020	16/892,853	20200301435	US
UP-01234USP	2/7/2020	62/971,416		US
UP-01235USP	2/7/2020	62/971,422		US
UP-01228USP	10/7/2020	63/088,765		US
UP-01224USP	6/4/2020	63/034,427		US
UP-00413EP	1/17/2020	18755977.8	3655727	EP
UP-00208-IEP/GB	7/13/2017	17831590.9	3481683	GB
UP-00208-IEP/DE	7/13/2017	17831590.9	3481683	DE

UP-00208-1EP/FR	7/13/2017	17831590.9	3481683	FR
UP-00466EP	4/3/2020	18797211.2	3676817	EP
UP-00710USC1	2/10/2020	16/786,297	20200233412	US
UP-01223USP	6/4/2020	63/034,426		US
UP-01222USP	6/4/2020	63/034,424		US
UP-00208-1EPD1	10/14/2020	20201714.1	3786007	EP
UP-00720US	2/21/2018	15/901,424	20190248378	US
UP-00431WO	6/18/2018	PCT/US2018/038010	2019005518	WO
UP-00157USC1	1/8/2019	16/242,657	20190146505	US
UP-01378USP	11/17/2020	63/114,784		US
UP-01235USP2	5/12/2020	US63/023,483		US
UP-01363USP	10/14/2020	63/091,728		US
UP-01361USP	10/14/2020	63/091,396		US
UP-00969USP2	5/10/2019	62/846,248		US
UP-00965USP2	4/16/2019	62/834,596		US
UP-00967USP2	4/5/2019	62/829,672		US
UP-00418WO	9/11/2018	PCT/US2018/050462	2019055413	WO
UP-00496WO	8/27/2018	PCT/US2018/048091	2019046164	WO
UP-00559WO	8/27/2018	PCT/US2018/048161	2019046199	WO
UP-00463WO	9/12/2018	PCT/US2018/050563	2019067206	WO
UP-00643WO	12/12/2018	PCT/US2018/065186	2019135869	WO
UP-01063USP	10/10/2019	62/913,429		US
UP-01062US				US
UP-00856USP	6/8/2018	62/682,550		US
UP-00825US	7/25/2018	16/045,081	20200009965	US
UP-00658USP2	2/27/2018	62/635,881		US
UP-01240US	6/11/2020	16/898,829		US
UP-01314USP	8/12/2020	63/064,721		US
UP-01173USP2	3/25/2020	62/994,500		US
UP-00855WO	7/31/2019	PCT/US2019/044419	WO2020/028530	WO
UP-00208-1JPD1	7/13/2017	2019-137876		JP
UP-00502USP	10/9/2017	62/569,718		US
UP-00717US	6/1/2018	15/995,285	20190235499	US
UP-00712US	3/12/2018	15/918,043	20190270408	US
UP-00474US	10/18/2017	15/786,778	20190071124	US
UP-00250US-1C2	10/11/2017	15/730,234	20180164814	US
UP-00407US	10/23/2017	15/790,329	20190118814	US
UP-01319US				US
UP-00147US-3CIPIC1	8/21/2018	16/106,936	20190004530	US
UP-00939USP	9/27/2018	62/737,500		US

UP-00814USP	5/31/2018	62/678,312		US
UP-00979US	8/15/2019	16/541,739	20200159225	US
UP-00971USP2	5/23/2019	62/851,753		US
UP-00710USP	1/29/2018	62/623,155		US
UP-00463EP	3/27/2020	18779180.1	3688418	EP
UP-00786US				US
UP-00140-IAU	7/1/2017	AU 2017290902		AU
UP-00140-ICA	12/31/2018	3,029,742		CA
UP-00471US	6/15/2018	16/010,281	20180372875	US
UP-00140-IEP	1/10/2019	17821436.7	3469307	EP
UP-00140-IBR	12/31/2018	BR 11 2018 077539 8		BR
UP-01281US	10/9/2020	17/067,141		US
UP-01319USP2				US
UP-00781USP	4/10/2018	62/655,432		US
UP-00710US	1/31/2018	15/884,852	20190235487	US
UP-01082USP	7/5/2019	62/870,998		US
UP-01085USP2				US
UP-01083USP2				US
UP-00811US2	3/14/2019	16/353,463	20200025935	US
UP-01081USP	3/20/2019	62/821,354		US
UP-00403WO	5/15/2019	PCT/US2019/032456		WO
UP-01086USP2				US
UP-00872US	2/26/2019	16/286,160	20190384994	US
UP-00471WO	6/27/2018	PCT/US2018/039842	2019006021	WO
UP-00871US	5/23/2019	16/420,686	20190382007	US
UP-00467WO	8/20/2018	PCT/US2018/047032	2019040349	WO
UP-01087USP2	12/2/2019	62/942,494		US
UP-00413WO	7/18/2018	PCT/US2018/042600	2019018471	WO
UP-00459WO	7/16/2018	PCT/US2018/042247	2019040201	WO
UP-01206USP2	5/14/2020	63/024,847		US
UP-01208USP2				US
UP-01195USP2	6/3/2020	63/034,152		US
UP-01206US	9/10/2020	17/017,104		US
UP-01196USP2	5/18/2020	63/026,252		US
UP-00145USC1	6/26/2018	16/018,246	20180299903	US
UP-01193US				US
UP-01198USP2	6/2/2020	63/033,361		US
UP-01190USP2	5/5/2020	63/020,166		US
UP-01188USP2	5/8/2020	63/021,942		US
UP-01197US	9/2/2020	17/010,416		US

UP-01208US				US
UP-01210USP2	5/8/2020	63/022,014		US
UP-01192US	8/31/2020	17/007,667		US
UP-01193USP2				US
UP-01191US	9/11/2020	17/018,499		US
UP-01191USP2	5/20/2020	63/027,542		US
UP-01203US				US
UP-01194USP2				US
UP-01199USP2				US
UP-01188US	8/31/2020	17/007,651		US
UP-01203USP2				US
UP-01198US	9/16/2020	17/022,923		US
UP-01197USP2	5/11/2020	63/022,806		US
UP-01194US				US
UP-01200USP2				US
UP-01200US				US
UP-01019US	7/9/2019	16/506,522	20200272160	US
UP-01207US				US
UP-01199US				US
UP-01207USP2				US
UP-01210US	9/11/2020	17/018,349		US
UP-01192USP2	5/8/2020	63/021,943		US
UP-01190US	9/8/2020	17/014,457		US
UP-01196US	9/10/2020	17/017,020		US
UP-01195US1	10/8/2020	17/066,096		US
UP-00876USCIP1				US
UP-00876USP	8/2/2018	62/714,043		US
UP-01151US	12/19/2019	16/720,660		US
UP-00875USP	11/2/2018	62/754,950		US
UP-00286KR	6/25/2018	10-2018-0072551		KR
UP-00286JP	6/20/2018	2018-116988	2019008796	JP
UP-00286IL	6/18/2018	260106		IL
UP-00286EP	6/22/2018	18179306.3	3418841	EP
UP-00286CN	6/22/2018	201810653532.3	109117709	CN
UP-00286CA	6/13/2018	3,008,091	3008091	CA
UP-01124USP	12/20/2019	62/951,628		US
UP-01123USP	2/14/2020	62/976,600		US
UP-00580USP2				US
UP-01079USP	10/15/2019	62/915,302		US
UP-00208-IWO	7/13/2017	PCT/US2017/042005	2018017395	WO

UP-01019USP	2/22/2019	62/809,470		US
UP-00776USP	5/2/2018	62/665,856		US
UP-00777USP	3/23/2018	62/646,964		US
UP-00557USP	9/8/2017	62/555,895		US
UP-00430US	2/7/2018	15/890,383	20190220026	US
UP-00695US	3/19/2018	15/924,844	20190235506	US
UP-00696US	2/13/2018	15/895,381	20190225232	US
UP-00621US	3/23/2018	15/933,499	20190227570	US
UP-00604US1	5/18/2018	15/983,491	20190220013	US
UP-01364USP	10/14/2020	63/091,404		US
UP-00872USP1	6/15/2018	62/685,714		US
UP-00871USP1	6/15/2018	62/685,708		US
UP-00378USC1	7/5/2019	16/504,042	20190329792	US
UP-00870USP	6/15/2018	62/685,871		US
UP-00822US	6/20/2018	16/013,361	20190367102	US
UP-00814US	10/19/2018	16/165,550	20190370575	US
UP-00153RU	12/12/2016	2018125029		RU
UP-00153EP	12/12/2016	16874074.4	3386828	EP
UP-00153CA	12/12/2016	3,006,661		CA
UP-00094EP	12/14/2017	1788407.0	3558779	EP
UP-00145EP	12/20/2016	16879983.1	3394694	EP
UP-00143JP	12/20/2016	2018-532388	2019503583	JP
UP-00143CN	12/20/2016	201680082277.0	109196966	CN
UP-00143KR	12/20/2016	10-2018-7020920		KR
UP-00145JP	12/20/2016	2018-532386		JP
UP-00145IL	12/20/2016	260002		IL
UP-00502USC1	6/8/2018	16/003,543	20190107840	US
UP-00143EP	12/20/2016	16879958.3	3395132	EP
UP-00865USP	8/23/2018	62/721,739		US
UP-00458USCIP1	9/5/2018	16/122,455	20190049970	US
UP-00698US3				US
UP-00698USP2	6/6/2018	62/681,482		US
UP-00832US	8/28/2018	16/114,966	20190369212	US
UP-01362USP	10/14/2020	63/091,401		US
UP-01260US	6/24/2020	16/910,554		US
UP-00643US	8/10/2018	16/100,690	20190212422	US
UP-00899US				US
UP-00898US				US
UP-00900US				US
UP-00895US				US

UP-00897US				US
UP-00330WO	3/27/2018	PCT/US2018/024556	2018187089	WO
UP-00637JP	5/7/2020	2020-524819	2021-502295	JP
UP-00142US-2-C1	9/26/2017	15/716,144	20180032075	US
UP-00142US-1-C1	9/1/2017	15/694,493	20180009441	US
UP-00625JP	5/2/2008	2008-120579		JP
UP-00628US	6/12/2007	11/818,176	20080309468	US
UP-00627JP	5/2/2008	2008-120581	2008310806	JP
UP-00626JP	5/2/2008	2008-120580	2008312833	JP
UP-00627US	6/12/2007	11/818,177	20080312831	US
UP-00628JP	5/2/2008	2008-120582	2008310807	JP
UP-00624JP	5/2/2008	2008-120556	2008310803	JP
UP-00625US	6/12/2007	11/818,122	20080312830	US
UP-00624US	6/12/2007	11/818,187	20080312832	US
UP-00626US	6/12/2007	11/818,191	20080312833	US
UP-01267USP	7/31/2020	63/059,190		US
UP-00199USC1	11/14/2017	15/812,872	20180067198	US
UP-00640US	1/29/2018	15/882,372	20190221058	US
UP-00698US1	8/8/2018	16/058,364	20190220015	US
UP-00708US	1/30/2018	15/883,715	20190222986	US
UP-00835WO	6/27/2019	PCT/US2019/039529	2020006247	WO
UP-01178WO	3/17/2021	PCT/US2021/022753		WO
UP-00864CN	3/17/2021	TBD		CN
UP-01078USP	6/21/2019	62/864,843		US
UP-00662EP	5/28/2020	18812566.0	3710783	EP
UP-01312USP	12/9/2020	63/123,178		US
UP-00855CN	3/12/2021	TBD		CN
UP-01217WO	4/1/2021	PCT/US2021/025316		WO
UP-01260WO	3/30/2021	PCT/US2021/024891		WO
UP-01342USP1	7/29/2020	63/058,052		US
UP-01029US				US
UP-01161USP	12/11/2019	62/946,512		US
UP-00864USP	8/2/2018	62/714,042		US
UP-00717USC1	2/22/2021	17/181,733	20210271242	US
UP-00864KR	7/25/2019			KR
UP-01256WO	3/3/2021	PCT/US2021/020644	2021178517	WO
UP-00394CN	8/3/2018	201810878940.9	109389867	CN
UP-00790USP	2/13/2018	62/630,159		US
UP-01173WO	3/16/2021	PCT/US2021/022465	2021188474	WO
UP-00152USC1	7/16/2018	16/035,862	20180329067	US

UP-00766USP	4/26/2018	62/663,009		US
UP-00765USP	4/26/2018	62/663,007		US
UP-00764USP	4/26/2018	62/662,996		US
UP-00394WO	6/22/2018	PCT/US2018/038996	2019005610	WO
UP-00411WO	6/15/2018	PCT/US2018/037757	2018232242	WO
UP-00173US-2C1	1/18/2018	15/874,549	20180157862	US
UP-00760USP	3/21/2018	62/645,978		US
UP-00475EP	4/24/2020	18803510.9	3701345	EP
UP-00323USC1	2/26/2018	15/905,364	20180292916	US
UP-00638JP	5/22/2020	2020-528314	2021-504812	JP
UP-00671US	2/28/2018	15/907,829	20190227569	US
UP-00670US	2/19/2018	15/898,960	20190220036	US
UP-00169USC1P1C1	11/3/2017	15/803,184	20180072218	US
UP-00743US2	9/14/2018	16/131,743	20200086880	US
UP-00291US	3/14/2017	15/458,740	20180267537	US
UP-00286US	6/23/2017	15/631,990	100007269	US
UP-00284US	4/6/2017	15/480,851		US
UP-00173US-2	3/18/2016	15/074,924	20170272943	US
UP-00173US-1	3/18/2016	15/074,892	20170269940	US
UP-00172US	3/9/2016	15/065,681	20170262709	US
UP-00140US-1	6/30/2017	15/640,289	20180004225	US
UP-00140US-2P	10/24/2016	62/412,041		US
UP-00140US-1P	7/1/2016	62/357,903		US
UP-00139USP	9/24/2015	62/232,435		US
UP-00139US	9/26/2016	15/276,321	20170090480	US
UP-00467USP	8/23/2017	62/549,407		US
UP-00467US	11/14/2017	15/811,865	20190064815	US
UP-00466USP	10/3/2017	62/567,533		US
UP-00463USP	9/28/2017	62/564,322		US
UP-00394US2	6/29/2017	15/637,539	20190004538	US
UP-00283USP	4/6/2017	62/482,424		US
UP-00137WO	9/28/2016	PCT/US2016/054250	2017058961	WO
UP-00137USP	9/28/2015	62/233,930		US
UP-00137US	9/28/2016	15/279,165	20170090476	US
UP-00134WO	8/31/2016	PCT/US2016/049736	2017040689	WO
UP-00101USD1	11/11/2016	15/349,793	20170060129	US
UP-00101USC1	9/13/2016	15/264,374	20170003681	US
UP-00101US	5/13/2015	14/711,506	20160334229	US
UP-00622USP	1/9/2018	62/615,206		US
UP-00621USP	1/23/2018	62/620,656		US

UP-00461US	8/10/2017	15/674,377		US
UP-00460USP	9/14/2017	62/558,523		US
UP-00459USP	8/23/2017	62/549,024		US
UP-00459US	9/28/2017	15/718,003	20190064825	US
UP-00394US1	8/3/2017	15/668,196	10065638	US
UP-00378US	6/27/2017	15/634,067	20180370543	US
UP-00333US	5/31/2017	15/609,256	20180348374	US
UP-00169CIP1WO	12/23/2016	PCT/US2016/068563	2017146815	WO
UP-00169USCIP1	4/29/2016	15/143,198	20170240098	US
UP-00169US	2/22/2016	15/050,237	20170240096	US
UP-00168USP	3/21/2016	62/311,267		US
UP-00168US	3/21/2017	15/464,787	20170269601	US
UP-00134USP	8/31/2015	62/212,577		US
UP-00134US	8/30/2016	15/252,152	20170057520	US
UP-00094US	12/20/2016	15/385,613	20180170396	US
UP-00093US	11/7/2016	15/345,120	20180128904	US
UP-00620USP	11/10/2017	62/584,268		US
UP-00604USP	1/12/2018	62/616,542		US
UP-00458USP	8/8/2017	62/542,506		US
UP-00458US	10/13/2017	15/783,005	20190049987	US
UP-00332US	5/31/2017	15/609,141	20180349746	US
UP-00330US-2	4/7/2017	15/482,251	20180290631	US
UP-00330US-1	4/7/2017	15/482,219	20180290632	US
UP-00166IL	5/4/2017	252104	252104	IL
UP-00166EP	5/5/2017	17169669.3	3242250	EP
UP-00166CN	5/5/2017	201710311393.1	107450529	CN
UP-00166USC1	3/3/2017	15/449,501	20170323179	US
UP-00166US	5/6/2016	15/148,970		US
UP-00091WO	12/17/2013	PCT/US2013/075868	2014100042	WO
UP-00091USP	12/18/2012	61/738,646		US
UP-00091US-2	12/16/2013	14/107,739	20140176933	US
UP-00091US-1	10/9/2013	14/050,036	20140168631	US
UP-00602USP	12/13/2017	62/598,125		US
UP-00601US	11/9/2017	15/807,893		US
UP-00600USP	12/1/2017	62/593,454		US
UP-00597US	10/25/2017	29/623,500		US
UP-00453USP	8/31/2017	62/552,515		US
UP-00453US	5/22/2018	15/985,820	20190064840	US
UP-00452USP	8/11/2017	62/544,432		US
UP-00324USP	4/20/2017	62/487,735		US

UP-00324US	5/23/2017	15/602,174		US
UP-00323US	4/10/2017	15/484,073	9904375	US
UP-00322US	3/30/2017	15/473,686	20180284768	US
UP-00546USC1	3/3/2014	14/195,820		US
UP-00546US	2/11/2011	13/025,939	20120209474	US
UP-00545US	2/10/2011	13/024,466	20120206255	US
UP-00162US	3/14/2016	15/069,428	20170259753	US
UP-00090WO	11/21/2014	PCT/US2014/066901	2015077614	WO
UP-00090USP	11/22/2013	61/907,951		US
UP-00090EP	11/21/2014	14864968.4	3072162	EP
UP-00090CN	11/21/2014	201480072487.2	106463565	CN
UP-00090CA	11/21/2014	2,931,055		CA
UP-00090AU	11/21/2014	2014352833		AU
UP-00596US	10/10/2017	15/728,911	20190094884	US
UP-00590US				US
UP-00589US				US
UP-00588US				US
UP-00452US	11/13/2017	15/810,296	20190047584	US
UP-00451US	8/9/2017	15/672,854		US
UP-00450US	8/9/2017	15/672,782		US
UP-00157WO	3/2/2017	PCT/US2017/020483	2017151943	WO
UP-00157USP	3/3/2016	62/303,013		US
UP-00157US	3/1/2017	15/446,953	20170255199	US
UP-00090USC1	6/20/2017	15/627,700	20170307738	US
UP-00090US	5/13/2016	15/036,768	20160306032	US
UP-00089WO	3/6/2014	PCT/US2014/021395	2014158994	WO
UP-00089EP	3/6/2014	14714039.6	2972471	EP
UP-00089USC1	9/14/2016	15/265,533	20170067985	US
UP-00089US	3/14/2013	13/826,155	20140268098	US
UP-00587US				US
UP-00586USP	1/8/2003	60/438,536		US
UP-00586US	12/29/2003	10/746,692	20040145494	US
UP-00585USP	11/8/2017	62/583,143		US
UP-00448USP	8/23/2017	62/549,056		US
UP-00448US	10/6/2017	15/726,498	20190061765	US
UP-00447US	8/29/2017	15/689,251	20190064813	US
UP-00446USP	7/21/2017	62/535,343		US
UP-00319US	3/31/2017	15/475,755	20180284807	US
UP-00318US	3/31/2017	15/475,934	20180284243	US
UP-00317US	4/3/2017	15/477,638	20180288320	US

UP-00316US	4/25/2017	15/496,144		US
UP-00226US	10/17/2016	15/295,088	20180107215	US
UP-00153WO	12/12/2016	PCT/US2016/066235	2017100797	WO
UP-00584USP	12/5/2017	US62/594,631		US
UP-00578USP	1/5/2018	62/613,845		US
UP-00577USP	10/27/2017	62/577,979		US
UP-00446US	8/23/2017	15/684,865	20190025841	US
UP-00444USP	8/21/2017	62/548,061		US
UP-00444US	9/6/2017	15/697,044		US
UP-00315USP	4/25/2017	62/489,524		US
UP-00315US	9/8/2017	15/698,824	20180307921	US
UP-00314USP	4/6/2017	62/482,280		US
UP-00221US	10/27/2016	15/335,692	20180120842	US
UP-00220US	3/23/2017	15/467,525	20180272963	US
UP-00153USP	12/10/2015	62/265,960		US
UP-00153US-7	12/12/2016	15/376,604	20170168500	US
UP-00153US-6	12/12/2016	15/376,596	20170168489	US
UP-00153US-5	12/12/2016	15/376,592	20170168495	US
UP-00153US-4	12/12/2016	15/376,587	20170167888	US
UP-00576USP	10/19/2017	62/574,247		US
UP-00575USP	10/6/2017	62/569,054		US
UP-00570USP	10/6/2017	62/568,839		US
UP-00567USP	12/7/2017	62/595,693		US
UP-00443US	8/29/2017	15/689,196	20190064036	US
UP-00442USP	8/24/2017	62/549,534		US
UP-00442US	10/24/2017	15/791,606		US
UP-00441US	7/14/2017	15/650,028	20190019411	US
UP-00314USCIP	9/11/2017	15/700,689	20180292824	US
UP-00314US	5/30/2017	15/607,994	20180292830	US
UP-00312US	5/16/2017	15/596,046	20180335783	US
UP-00471USP2	6/27/2017	62/525,192		US
UP-00471USP1	6/9/2017	62/517,836		US
UP-00153US-3	12/12/2016	15/376,583	20170166216	US
UP-00153US-2	12/12/2016	15/376,574	20170167881	US
UP-00153US-1	12/12/2016	15/376,270	20170166215	US
UP-00152USP	12/15/2015	62/267,785		US
UP-00152US	12/15/2016	15/379,854	20170168146	US
UP-00564USP	7/15/2010	61/399,613		US
UP-00564USC1	12/6/2013	14/099,271	20140100713	US
UP-00564US	7/15/2011	13/135,862	20120290146	US

UP-00440US	7/14/2017	15/650,004	20190015976	US
UP-00431US	6/30/2017	15/638,739	20190004522	US
UP-00430USP	1/15/2018	62/617,409		US
UP-00311US	3/23/2017	15/467,504	20180276912	US
UP-00310US	3/27/2017	15/469,981	20180275667	US
UP-00309US	3/31/2017	15/475,228	20180284770	US
UP-00406US	8/16/2017	15/678,984	20190056736	US
UP-00405US2	8/17/2017	15/679,338	20190056484	US
UP-00405US1	8/17/2017	15/679,319	20190056483	US
UP-00404US	3/28/2017	15/472,076	20180282955	US
UP-00536WO	12/31/2005	PCT/CN2005/002420	2006069550	WO
UP-00536EP	12/31/2005	5848169.8		EP
UP-00536CN-2	12/31/2005	200580028389		CN
UP-00560US				US
UP-00559USP	8/31/2017	62/552,574		US
UP-00559US	9/11/2017	15/700,466	20190066506	US
UP-00558USP	11/2/2017	62/580,703		US
UP-00428US	7/12/2017	15/647,866		US
UP-00426US	7/7/2017	15/643,598	20190009752	US
UP-00282US	2/23/2017	15/440,510	20180237030	US
UP-00281US	2/2/2017	15/423,233	9964952	US
UP-00280US				US
UP-00376US-13	5/23/2017	15/602,398	20180341895	US
UP-00536CN-1	1/2/2005	200510005412.5	1799909	CN
UP-00536US	12/31/2005	11/813,235	20080165029	US
UP-00208US-2	7/18/2016	15/213,149	20180015908	US
UP-00148US-2	3/15/2016	15/070,795	9616896	US
UP-00557US	10/2/2017	15/722,346	20190080602	US
UP-00502US	10/24/2017	15/791,646	10019011	US
UP-00501USP	11/6/2017	62/582,005		US
UP-00424US	7/17/2017	15/651,362	20190019416	US
UP-00279US	2/2/2017	15/423,215		US
UP-00278US	2/16/2017	15/434,179		US
UP-00277USP	3/30/2017	62/478,663		US
UP-00376US-8	5/23/2017	15/602,303	20180342113	US
UP-00376US-7	5/23/2017	15/602,292	20180341276	US
UP-00376US-6	5/23/2017	15/602,277	20180341881	US
UP-00208US-1	7/18/2016	15/213,110	20180015907	US
UP-00533US	3/26/2002	10/107,006	20030179106	US
UP-00148US-1C1	1/18/2017	15/408,619	20170269593	US

UP-00148US-1	3/15/2016	15/070,754	9580080	US
UP-00147US-3	12/11/2015	14/967,205	20170168494	US
UP-00147US-2	12/11/2015	14/967,178	9596666	US
UP-00147US-1	12/11/2015	14/967,154	9537956	US
UP-00421US	8/23/2017	29/614,834		US
UP-00419USP	7/14/2017	62/532,494		US
UP-00277US	8/28/2017	15/688,704	10037613	US
UP-00276US				US
UP-00254AU	10/31/2016	2016250506		AU
UP-00253USP	12/29/2016	62/439,910		US
UP-00199US	5/27/2016	15/166,538	20170343654	US
UP-00531USCIP1	12/24/2002	10/328,815	20030128106	US
UP-00198US	7/5/2016	15/202,412	9884630	US
UP-00531US	5/24/2001	09/865,070	20020175813	US
UP-00145WO	12/20/2016	PCT/US2016/067821	2017112690	WO
UP-00145US	12/22/2015	14/979,351	20170177000	US
UP-00144WO	12/20/2016	PCT/US2016/067791	2017112676	WO
UP-00496USP	9/1/2017	62/553,240		US
UP-00495USP	6/7/2017	62/516,531		US
UP-00419US	9/6/2017	15/697,368	20190018412	US
UP-00418US	9/15/2017	15/705,507	20190086924	US
UP-00417USP	7/12/2017	62/531,508		US
UP-00253US	12/21/2017	15/850,452	20180188427	US
UP-00252US	12/29/2016	15/393,306	20180189574	US
UP-00251US	10/28/2016	15/337,383	20180124213	US
UP-00528USD2	6/3/2010	12/793,509	20100238016	US
UP-00528USC1	6/3/2010	12/793,483	20100238017	US
UP-00528US	6/1/2007	11/757,113	20080297338	US
UP-00191US	8/16/2016	15/238,093	20180050704	US
UP-00527WO	1/11/2006	PCT/US2006/000982	2006078523	WO
UP-00527EP	1/11/2006	6718098	1839123	EP
UP-00144USC1	8/17/2016	15/239,056	20170174259	US
UP-00144US	12/22/2015	14/979,187	9481393	US
UP-00143WO	12/20/2016	PCT/US2016/067718	2017112648	WO
UP-00143USC1	6/14/2017	15/623,229	20170282675	US
UP-00143US	12/22/2015	14/979,248	20170174037	US
UP-00484USP	8/23/2017	62/549,355		US
UP-00484US	10/16/2017	15/784,684	20190061712	US
UP-00483US	9/26/2017	15/715,333		US
UP-00417US	7/11/2018	16/032,638		US

UP-00416USP	10/12/2017	62/571,418		US
UP-00415USP	7/14/2017	62/532,476		US
UP-00250US-2	12/14/2016	15/379,420	20180165895	US
UP-00250US-1C1	10/11/2017	15/730,211	20180164813	US
UP-00250US-1	12/14/2016	15/379,407		US
UP-00527USCIP3	4/29/2008	12/111,386	20080200209	US
UP-00188US	5/3/2016	29/563,210		US
UP-00527USCIP2	9/27/2005	11/236,167	20060161320	US
UP-00187US	4/22/2016	15/136,876	20170305360	US
UP-00527USCIP1	7/26/2006	11/493,736	20060265117	US
UP-00527US	1/18/2005	11/037,620		US
UP-00185USP	3/4/2016	62/304,131		US
UP-00185US	3/6/2017	15/451,206	20170254880	US
UP-00142US-2	12/16/2015	14/971,866	9841763	US
UP-00142US-1	12/16/2015	14/971,850	9840256	US
UP-00141US-2	6/30/2017	15/640,370	20180005053	US
UP-00141US-1	6/30/2017	15/640,364	20180005052	US
UP-00140-1WO	7/1/2017	PCT/US2017/040532	2018006082	WO
UP-00481US				US
UP-00480USP	8/24/2017	62/549,613		US
UP-00480US	9/8/2017	15/699,473		US
UP-00413US	7/18/2017	15/652,654	20190025843	US
UP-00412USP	6/16/2017	62/520,639		US
UP-00412US	10/11/2017	15/730,177	20180362070	US
UP-00411US	6/16/2017	15/625,255	20180365913	US
UP-00249USC1	10/16/2017	15/784,594	20180164815	US
UP-00249US	12/14/2016	15/378,894		US
UP-00606US	11/17/2017	15/816,700		US
UP-00140US-6	6/30/2017	15/640,355	20180004227	US
UP-00140US-5	6/30/2017	15/640,340	20180005050	US
UP-00140US-4	6/30/2017	15/640,334	20180005407	US
UP-00140US-3	6/30/2017	15/640,313	20180003511	US
UP-00140US-2	6/30/2017	15/640,296	20180004226	US
UP-00107US	5/10/2016	15/151,394	20170329332	US
UP-00475USP	10/26/2017	62/577,426		US
UP-00474USP	9/7/2017	62/555,356		US
UP-00470USP	12/12/2017	62/597,450		US
UP-00399US	3/23/2018	15/933,730	20180367895	US
UP-00399USP	6/15/2017	62/519,924		US
UP-00580USP1	2/9/2018	62/628,586		US

UP-00247US	12/28/2016	15/392,274	20180178741	US
UP-00246US	1/13/2017	15/405,581	20180201148	US
UP-00855EP	2/26/2021	19762243.4		EP
UP-01250WO	2/26/2021	PCT/US2021/019849	2021178234	WO
UP-00708USP	1/12/2018	62/616,820		US
UP-00765WO	4/26/2019	PCT/US2019/029317		WO
UP-00137USC1	7/10/2018	16/031,188	20180321677	US
UP-01251WO	3/3/2021	PCT/US2021/020638	2021178513	WO
UP-00134FR	8/31/2016	16842925.6	3344507	FR
UP-00134GB	8/31/2016	16842925.6	3344507	GB
UP-00134DE	8/31/2016	16842925.6	3344507	DE
UP-01183WO	2/26/2021	PCT/US2021/019844		WO
UP-00864CA	2/5/2021	3110727		CA
UP-01175WO	2/11/2021	PCT/US2021/017538		WO
UP-00864WO	7/25/2019	PCT/US2019/043410	2020028138	WO
UP-01178USP	3/17/2020	62/990,694		US
UP-00714USC1	3/22/2021	17/208,509		US
UP-00718USC1	1/27/2021	17/159,948		US
UP-01184WO	1/21/2021	PCT/US2021/014325		WO
UP-00461USC2	2/12/2021	17/175,167		US
UP-00286USC1	5/23/2018	15/987,460	20180373263	US
UP-00144EPD1	12/20/2016			EP
UP-00960USC1	2/22/2021	17/181,688	20210201507	US
UP-00821WO	5/17/2019	PCT/US2019/032781	WO2019/226470	WO
UP-00766WO	4/26/2019	PCT/US2019/029320		WO
UP-01107US				US
UP-01116US				US
UP-01110USP	5/23/2019	62/852,116		US
UP-00764WO	4/26/2019	PCT/US2019/029367		WO
UP-00615US	4/2/2001	09/824,543	20020100310	US
UP-00578US	2/1/2018	15/886,434	20190213426	US
UP-00686US	1/29/2018	15/882,325	20190210584	US
UP-00622US	5/15/2018	15/980,324	20190212725	US
UP-00485USP	9/8/2017	62/555,816		US
UP-00636US	12/27/2017	15/855,364	20190163201	US
UP-00187USC1	7/5/2019	16/504,049	20190359147	US
UP-01104USP	10/9/2019	62/912,847		US
UP-00250SGD3	12/6/2019	10201911787Y		SG
UP-00250SGD1	12/6/2019	10201911758Y		SG
UP-00249SGD1	12/9/2019	10201911809W		SG

UP-00760US	5/14/2018	15/978,732		US
UP-01101USP	7/3/2019	62/870,183		US
UP-00316USD1	4/8/2019	16/377,346	20190236414	US
UP-00421USD1	5/28/2019	29/692,678		US
UP-00157USC2	2/9/2021	17/171,660		US
UP-00226EP	10/12/2017	17862728.7		EP
UP-01169US	12/12/2019	16/711,595		US
UP-00250SGD2	12/6/2019	10201911769U		SG
UP-00600US	2/9/2018	15/892,506	20190171258	US
UP-01102USP	12/23/2019	62/952,819		US
UP-00637WO	11/5/2018	PCT/US2018/059201	2019094330	WO
UP-01084USP1	3/23/2019	62/822,837		US
UP-01085USP1	3/23/2019	62/822,838		US
UP-01083USP1	3/23/2019	62/822,836		US
UP-01089USP1	3/23/2019	62/822,843		US
UP-01092USP1	3/23/2019	62/822,846		US
UP-01086USP1	3/23/2019	62/822,840		US
UP-01090USP1	3/23/2019	62/822,844		US
UP-01091USP1	3/23/2019	62/822,845		US
UP-01088USP1	3/23/2019	62/822,842		US
UP-01087USP1	3/23/2019	62/822,841		US
UP-00717USP	1/30/2018	62/623,815		US
UP-00166ILD1	5/4/2017	256524		IL
UP-00643USP	1/8/2018	62/614,904		US
UP-00642USP	1/8/2018	62/614,891		US
UP-00640USP	1/17/2018	62/618,367		US
UP-00639USP	12/7/2017	62/595,906		US
UP-00638USP	11/22/2017	62/589,951		US
UP-00698USP1	1/15/2018	62/617,417		US
UP-00637USP	11/8/2017	62/583,153		US
UP-00636USP	11/30/2017	62/592,529		US
UP-00696USP	1/23/2018	62/620,735		US
UP-00695USP	1/26/2018	62/622,233		US
UP-00635USP	11/30/2017	62/592,527		US
UP-00688USP	12/8/2017	62/596,308		US
UP-00686USP	1/10/2018	62/615,740		US
UP-00681US	11/7/2017	29/625,190		US
UP-00680USP	11/15/2017	62/586,717		US
UP-00679USP1	12/6/2017	62/595,193		US
UP-00671USP	1/19/2018	62/619,147		US

UP-00670USP	1/17/2018	62/618,383		US
UP-00665USP	11/15/2017	62/586,770		US
UP-00664US				US
UP-00663US				US
UP-00659USP	11/15/2017	62/586,668		US
UP-00662USP	11/15/2017	62/586,759		US
UP-00661USP	11/15/2017	62/586,741		US
UP-00660USP	11/15/2017	62/586,725		US
UP-00658USP1	11/15/2017	62/586,700		US
UP-00657USP	11/15/2017	62/586,631		US
UP-00656USP	11/15/2017	62/586,564		US
UP-00464US	1/31/2018	15/885,308	20190235054	US
UP-00473US	1/30/2018	15/883,941	20190235504	US
UP-00472US	1/30/2018	15/883,889	20190235519	US
UP-00285US				US
UP-00403US	5/15/2018	15/980,669	20190353756	US
UP-00620WO	11/9/2018	PCT/US2018/059934	2019094663	WO
UP-00635US	12/27/2017	15/855,313	20190163189	US
UP-00630JP	11/22/2012	2012-256663		JP
UP-01217USP	4/2/2020	63/003/981		US
UP-00250WO	12/12/2017	PCT/US2017/065818	2018111877	WO
UP-00630TW	8/3/2012	101127890		TW
UP-00872EP	1/15/2021	19734216.5	3807806	EP
UP-00464USC1	1/11/2021	17/145,943		US
UP-00173US-1C2	1/11/2021	17/145,821		US
UP-00856US	9/14/2018	16/131,529	20190377965	US
UP-01090WO	3/23/2020	PCT/US2020/024169	2020/198117	WO
UP-01084WO	3/23/2020	PCT/US2020/024174	2020/198121	WO
UP-01088WO	3/23/2020	PCT/US2020/024213	2020/198140	WO
UP-00606EP	5/28/2020	18815438.9	3711174	EP
UP-00606CN	6/19/2020	201880082744.9		CN
UP-00606JP	5/15/2020	2020-526944	2021-503806	JP
UP-00431USC2	1/25/2021	17/157,288		US
UP-00660WO	11/15/2018	PCT/US2018/061216		WO
UP-00662WO	11/15/2018	PCT/US2018/061219	2019099625	WO
UP-00665WO	11/15/2018	PCT/US2018/061231	2019099633	WO
UP-00969US1	10/10/2019	16/598,561	20200160151	US
UP-00965US	9/11/2019	16/567,607	20200160598	US
UP-00971US	8/5/2019	16/531,720	20200160537	US
UP-00966US				US

UP-01134USCIP1	5/5/2017	15/588,478	20170323211	US
UP-01135US	3/7/2018	15/914,416	20180260759	US
UP-01135WO	3/7/2018	PCT/US2018/021318	2018165279	WO
UP-01136USP	12/5/2018	62/775,815		US
UP-01135USP2	4/24/2017	62/489,402		US
UP-01135USP1	3/7/2017	62/468,235		US
UP-01134USP2	2/14/2017	62/459,026		US
UP-01134US	7/25/2016	15/219,035	20170323233	US
UP-01134USP1	5/9/2016	62/333,764		US
UP-01134WO	5/9/2017	PCT/US2017/031719	2017196820	WO
UP-01134EP	5/9/2017	17796675.1	3455741	EP
UP-00394SG2	12/21/2019	11201912884U		SG
UP-00394JP2	12/27/2019	2019-572474		JP
UP-00394EP2	12/19/2019	18746049.8	EP3625633	EP
UP-01037USP	9/12/2019	62/899,226		US
UP-00394AU2	6/22/2018	2018295099		AU
UP-00394CA2	12/20/2019	3,068,317		CA
UP-00282USC1	2/5/2019	16/267,468	20190176843	US
UP-00394CN2	1/21/2020	201880049195.5	CN 111052022 A	CN
UP-00246EP	7/22/2019	18709119.4	3568314	EP
UP-00606USC1	11/9/2018	16/186,056	20190158150	US
UP-01312US	12/22/2020	17/130,124		US
UP-01246USP2	12/9/2020	63/123,251		US
UP-00090AUD1	11/21/2014	2019268121		AU
UP-00330US-2C1	12/20/2019	16/723,124	20200139940	US
UP-01214USP	4/22/2020	63/013,842		US
UP-00208-1CND1	6/18/2020	201780051990.3	111572499A	CN
UP-01356US	12/22/2020	17/129,961		US
UP-01365US				US
UP-00251USC1	3/25/2019	16/363,366	20190222530	US
UP-00246USD2	3/29/2019	16/369,460	20190217736	US
UP-00246USD1	3/29/2019	16/369,454	20190217735	US
UP-00623USP	11/22/2017	62/589,701		US
UP-00418USC1	8/28/2019	16/553,929	20190384301	US
UP-00226CA	10/12/2017	3038542		CA
UP-00226JP	10/12/2017	2019-520373	2019-533810	JP
UP-00226CN	4/17/2019	201780064218.5	CN109863513A	CN
UP-00712USP	3/2/2018	62/637,563		US
UP-00600WO	11/30/2018	PCT/US2018/063252	2019108897	WO
AH-00002WO	9/19/2006	PCT/US06/036459	2007035720	WO

AH-00001US-5	2/9/2006	11/351,234	20060181527	US
AH-00003USP	9/28/2005	60/721,328		US
AH-00004US	2/23/2009	12/390,960		US
AH-00004USC1	10/5/2011	13/253,599	20120028635	US
AH-00002US	9/19/2006	11/523,292	20070064976	US
AH-00002USP	9/20/2005	60/718,646		US
AH-00004USP	2/22/2008	61/030,636		US
AH-00001US-2	2/9/2006	11/351,245	20060182314	US
AH-00001US-1	2/9/2006	11/351,248	20060244746	US
AH-00001US-3	2/9/2006	11/351,246	20060193521	US
AH-00001USP	2/11/2005	60/652,208		US
AH-00001US-2C1	7/1/2011	13/175,622	20110255749	US
AH-00001US-4	2/9/2006	11/351,235	20060193179	US
UP-01067USP	8/16/2019	62/888,034		US
UP-00630CN	7/16/2012	201210245890.3	103547050	CN
UP-00811US1	3/14/2019	16/353,457	20200025931	US
UP-00925USP	10/23/2018	62/749,171		US
UP-00924US	10/29/2018	16/173,392	20200050211	US
UP-00848USP	7/27/2018	62/711,044		US
UP-00776US1	5/29/2018	15/991,506		US
UP-00604US2	5/18/2018	15/983,499	20190217791	US
UP-00604US3	5/18/2018	15/983,504	20190220014	US
UP-00879US	9/12/2018	16/129,277	20200057450	US
UP-00698US2	8/8/2018	16/058,430	20190220016	US
UP-00846USP	7/25/2018	62/703,167		US
UP-00394EP	8/1/2018	18186821.7	EP3444159	EP
UP-00901US	9/11/2018	16/127,786	20190377351	US
UP-00897USP	8/8/2018	62/716,055		US
UP-00896USP	8/8/2018	62/716,048		US
UP-00895USP	8/8/2018	62/716,047		US
UP-00394US2C1	6/3/2019	16/429,437	20190286165	US
UP-00281USC1	4/26/2018	15/963,662	20180246517	US
UP-00788US	7/18/2018	16/038,730	20190333232	US
UP-00787US	7/18/2018	16/038,789	20190332875	US
UP-00094USC1	8/1/2018	16/051,659	20180339711	US
UP-00969US2	10/10/2019	16/598,579	20200160104	US
UP-00969US3	10/10/2019	16/598,629	20200160117	US
UP-00764US	6/26/2018	16/018,523	20190332104	US
UP-00781US	6/27/2018	16/020,193	20190310651	US
UP-00766US	6/26/2018	16/018,563	20190333383	US

UP-00765US	6/26/2018	16/018,536	20190333390	US
UP-00855US	8/14/2018	16/103,164	20200039766	US
UP-00596USC1	1/15/2020	16/743,233	20200150683	US
UP-00639WO	12/5/2018	PCT/US2018/063968		WO
UP-00838USP	8/31/2018	62/725,526		US
UP-00698WO	1/14/2019	PCT/US2019/013464		WO
UP-00838US1	10/8/2018	16/154,253		US
UP-01221USP	2/19/2020	62/978,548		US
UP-00157SG	3/2/2017	11201807249Y		SG
UP-00157JP	3/2/2017	2018-545588		JP
UP-00157IL	3/2/2017	261434		IL
UP-00157EP	3/2/2017	17760835.3	3423912	EP
UP-00157CN	3/2/2017	201780022918.8	109074073	CN
UP-00157CA	3/2/2017	3,015,894		CA
UP-00157AU	3/2/2017	2017225790		AU
UP-00872WO	6/14/2019	PCT/US2019/037222	WO2019/241652	WO
UP-01078US	10/16/2019	16/654,469	20200401147	US
UP-01121USP	7/5/2019	62/870,934		US
UP-00471EP	6/27/2018	18825295.1	EP3646129	EP
UP-00471CN	12/27/2019	201880043855.9		CN
UP-00467USC1	12/6/2018	16/211,376	20190146507	US
UP-00982USP				US
UP-00979USP1	11/16/2018	62/768,847		US
UP-00981USP1	11/16/2018	62/768,796		US
UP-00978USP				US
UP-00980USP				US
UP-00975USP1	11/16/2018	62/768,790		US
UP-00976USP				US
UP-00977USP	11/16/2018	62/768,841		US
UP-00966USP	11/16/2018	62/768,845		US
UP-00972USP1	11/16/2018	62/768,829		US
UP-00973USP	11/16/2018	62/768,767		US
UP-00965USP1	11/16/2018	62/768,850		US
UP-00969USP1	11/16/2018	62/768,816		US
UP-00971USP1	11/16/2018	62/768,774		US
UP-00872USP2	11/2/2018	62/754,942		US
UP-00974USP				US
UP-00970USP	11/16/2018	62/768,849		US
UP-00967USP1	11/17/2018	62/768,898		US
UP-00145DE	12/20/2016	202016008771.2		DE

UP-00208-IJP	7/13/2017	2019502186		JP
UP-00208-IEP	7/13/2017	17831590.9	3481683	EP
UP-00208-ICN	7/13/2017	201780051990.3	109641572	CN
UP-00811USP2	10/31/2018	62/753,434		US
UP-00960USP	1/31/2019	62/799,314		US
UP-00475WO	10/26/2018	PCT/US2018/057703	2019084398	WO
UP-00887US	11/26/2018	16/199,843	20200134494	US
UP-00917US	10/26/2018	16/171,827	20200047641	US
UP-00921US	10/30/2018	16/174,636	20200047643	US
UP-00919US	10/26/2018	16/171,864	20200047664	US
UP-00925US	10/29/2018	16/173,431	20200051001	US
UP-00922US	10/29/2018	16/173,415	20200050198	US
UP-00918US	10/26/2018	16/171,848	20200047675	US
UP-00871USP2	10/19/2018	62/748,057		US
UP-01245US	7/6/2020	16/921,320		US
UP-01341USP1	7/29/2020	63/058,040		US
UP-00152USC2	4/27/2020	16/859,650	20200257000	US
UP-01104US	12/9/2019	16/707,529	20210110716	US
UP-01176USP	2/25/2020	62/981,307		US
UP-01172USP	3/16/2020	62/990,049		US
UP-01175USP	2/11/2020	62/972,955		US
UP-01173USP	3/16/2020	62/990,040		US
UP-01171USP	3/16/2020	62/990,055		US
UP-01088US	3/20/2020	16/825,095	20200304835	US
UP-01184US	4/21/2020	16/854,486		US
UP-01210USP	11/16/2019	62/936,428		US
UP-00835USP	6/28/2018	62/691,124		US
UP-00394SG	7/30/2018	10201806510U	10201806510	SG
UP-00394CA	8/1/2018	3013157	3013157	CA
UP-00926USCIP1				US
UP-00896US				US
UP-00914US	10/30/2018	16/174,941	20200047692	US
UP-00917USP	10/22/2018	62/748,846		US
UP-00919USP	10/22/2018	62/748,874		US
UP-00916US	10/30/2018	16/174,960	20200051194	US
UP-00918USP	10/22/2018	62/748,869		US
UP-00920US				US
UP-00915US	10/30/2018	16/174,952	20200050199	US
UP-00169CIP1SG	12/23/2016	11201807002T	11201807002T	SG
UP-00169CIP1JP	12/23/2016	2018-544195		JP

UP-00169CIP1EP	12/23/2016	16891890.2	3416862	EP
UP-00169CIP1CN	12/23/2016	201680084495.8	109070891	CN
UP-00169CIP1CA	12/23/2016	3,015,338	3015338	CA
UP-00169CIP1AU	12/23/2016	2016393890	2016393890	AU
UP-00922USP	10/19/2018	62/747,941		US
UP-00921USP	10/22/2018	62/748,743		US
UP-00821US	7/17/2018	16/037,719	20190362295	US
UP-00789US	7/18/2018	16/038,740	20190354782	US
UP-01120US	11/12/2019	29/712,846		US
UP-00277USC1	7/19/2018	16/039,864	20180322650	US
UP-00777US	5/15/2018	15/980,264	20190294170	US
UP-00848US	8/17/2018	16/104,253		US
UP-00832USP	6/4/2018	62/680,338		US
UP-00584WO	12/4/2018	PCT/US2018/063839		WO
UP-00142US-1-C2	11/30/2018	16/206,660	20190113607	US
UP-01082US	9/19/2019	16/575,855	20210003665	US
UP-01343USP1	7/29/2020	63/058,041		US
UP-00835US	7/24/2018	16/043,759	20200004259	US
UP-00796US	6/15/2018	16/009,572	20190346851	US
UP-00394US1C1	8/2/2018	16/052,899	20190039609	US
UP-00089USC2	10/3/2019	16/592,459	20200033449	US
UP-01214US	6/29/2020	16/915,310		US
UP-00411USC1	1/13/2020	16/741,282	20200151973	US
UP-01372USP	10/31/2020	63/108,325		US
UP-01211USP	11/15/2019	62/936,161		US
UP-01091US	3/23/2020	16/826,924	20200302627	US
UP-01084US	3/23/2020	16/826,895	20200298891	US
UP-00687USP	10/20/2017	62/575,200		US
UP-01068USP	8/16/2019	62/887,760		US
UP-00226WO	10/12/2017	PCT/US2017/056277	2018075325	WO
UP-00601USP	10/25/2017	62/576,844		US
UP-01121US	4/20/2020	16/853,151	20210004012	US
UP-01130USP				US
UP-01131USP	7/8/2019	62/871,436		US
UP-01132USP	7/8/2019	62/871,452		US
UP-01124US	3/12/2020	16/817,068		US
UP-00950USP	12/31/2018	62/786,710		US
UP-01129USP				US
UP-01133USP1	7/8/2019	62/871,458		US
UP-00139USC1	10/19/2018	16/165,623	20190056742	US

UP-01101US	1/23/2020	16/750,186	20210003711	US
UP-00642US	12/14/2018	16/220,336	20190212452	US
UP-00315USC1	10/8/2018	16/154,348	20190042865	US
UP-01056USP	3/1/2019	62/812,963		US
UP-01057USP				US
UP-01049USP	2/2/2019	62/800,435		US
UP-00960US	3/12/2019	16/299,527	20200250837	US
UP-00101USD1C1	10/12/2018	16/159,283	20190049946	US
UP-00464WO	1/30/2019	PCT/US2019/015882	2019152540	WO
UP-00718USP	11/29/2017	62/592,024		US
UP-01361USP2	10/31/2020	63/108,322		US
UP-00147US-3CIP	10/5/2017	15/726,050	20180088584	US
UP-00855USP	7/31/2018	62/712,281		US
UP-00776US2	12/14/2018	16/220,407		US
UP-00824USP	5/22/2018	62/674,761		US
UP-00821USP	5/22/2018	62/674,674		US
UP-00823USP	5/22/2018	62/674,753		US
UP-00820USP	5/22/2018	62/674,670		US
UP-00825USP	7/3/2018	62/693,644		US
UP-00822USP	5/31/2018	62/678,320		US
UP-00394AU	8/3/2018	2018211324	2018211324	AU
UP-00967US	9/17/2019	16/573,592	20200160558	US
UP-00173US-1C1	7/30/2018	16/048,835	20180336040	US
UP-00322USC1	6/19/2019	16/445,787	20190332108	US
UP-01195US3	10/8/2020	17/066,108		US
UP-01195US2	10/8/2020	17/066,104		US
UP-00915WO	8/8/2019	PCT/US2019/045662	WO2020/033651	WO
UP-00901WO	6/6/2019	PCT/US2019/035713	2019/236790	WO
UP-00856WO	6/5/2019	PCT/US2019/035582	WO2019/236705	WO
UP-00250CN	7/24/2019	201780084481.0	CN110214344A	CN
UP-00249JP	6/13/2018	2019-531709	2020-502666	JP
UP-00249CN	12/12/2017	201780083981.2	110235152A	CN
UP-00249CA	6/13/2019	3047086		CA
UP-00249EP	7/12/2019	17825340.7	3555819	EP
UP-00250CA	6/13/2019	3047095		CA
UP-00250SG	6/13/2019	11201905385R		SG
UP-00249SG	6/13/2019	11201905372S		SG
UP-00250JP	6/13/2019	2019-531719	2020-502667	JP
UP-00250EP	7/12/2019	17823305.2	3555866	EP
UP-00461USC1	10/5/2018	16/152,657	20200108785	US

UP-01259US				US
UP-01247US				US
UP-01249US	1/15/2021	17/150,987		US
UP-01256US	11/6/2020	17/091,577		US
UP-01211US				US
UP-01254US				US
UP-01235US	9/25/2020	17/032,509		US
UP-01250US	1/15/2021	17/150,982	20210276587	US
UP-01248US				US
UP-01258US				US
UP-01257US				US
UP-01234US				US
UP-01255US	1/15/2021	17/150,984		US
UP-01252US	1/15/2021	17/151,001		US
UP-01251US	1/15/2021	17/150,590		US
UP-01087US	3/20/2020	16/825,518	20200302662	US
UP-01253US	1/15/2021	17/150,995		US
UP-01049US	1/30/2020	16/777,108		US
UP-01090US	3/23/2020	US16/826,990	20200301799	US
UP-01049USP2	12/17/2019	62/949,101		US
UP-00710WO	1/28/2019	PCT/US2019/015336		WO
UP-00688WO	10/19/2018	PCT/US2018/056628	2019112699	WO
UP-00466WO	9/28/2018	PCT/US2018/053514	2019070535	WO
UP-00585USC1	9/26/2018	16/142,485	20190135240	US
UP-00394JP	8/3/2018	2018-144800	2019026261	JP
UP-00319USC1	9/19/2018	16/135,760	20190033880	US
UP-00803US	12/14/2018	16/220,406		US
UP-00879USP	8/20/2018	62/719,984		US
UP-00220WO	3/22/2018	PCT/US2018/023885	2018175808	WO
UP-01183US1	6/5/2020	16/893,617		US
UP-00813USP				US
UP-00172USC1	3/20/2018	15/926,211	20180218226	US
UP-00900USP	8/8/2018	62/716,063		US
UP-00899USP	8/8/2018	62/716,060		US
UP-00898USP	8/8/2018	62/716,057		US
UP-00875US	11/26/2018	16/199,832	20200139932	US
UP-00688USC1	11/21/2018	16/198,114		US
UP-01368US	12/30/2020	17/138,014		US
UP-00638USC2	12/31/2020	17/139,481		US
UP-00864EP	2/26/2021	19750006.9		EP

UP-01389USP	11/17/2020	63/114,881		US
UP-01390USP	11/17/2020	63/114,790		US
UP-01388USP	11/17/2020	63/114,789		US
UP-01386USP	11/17/2020	63/114,788		US
UP-01387USP	11/17/2020	63/114,875		US
UP-01383USP	11/17/2020	63/114,848		US
UP-01385USP	11/17/2020	63/114,855		US
UP-01384USP	11/17/2020	63/114,811		US
UP-01381USP	11/17/2020	63/114,842		US
UP-01382USP	11/17/2020	63/114,799		US
UP-01380USP	11/17/2020	63/114,785		US
UP-01379USP	11/17/2020	63/114,870		US
UP-00937US				US
UP-00838US2	10/8/2018	16/154,264		US
UP-01090USP2	12/19/2019	62/950,279		US
UP-01092USP2				US
UP-01089USP2				US
UP-01084USP2	12/2/2019	62/942,380		US
UP-01088USP2	2/4/2020	62/969,990		US
UP-01091USP2	2/7/2020	62/971,282		US
UP-00937USP	9/14/2018	62/731,523		US
UP-00975USP2	6/7/2019	62/858,489		US
UP-00460WO	9/12/2018	PCT/US2018/050542	2019055442	WO
UP-01357US	12/22/2020	17/129,962		US
UP-01246US	1/15/2021	17/150,798		US
UP-01376USP	11/17/2020	63/114,782		US
UP-00838US2C1	12/14/2020	17/121,199		US
UP-01371USP	10/31/2020	63/108,340		US
UP-01370USP	10/30/2020	63/107,806		US
UP-01363US				US
UP-01331US	12/31/2020	17/139,440		US
UP-01166USP2				US
UP-01165USP2				US
UP-01167USP2				US
UP-01132USP2	10/28/2019	62/926,826		US
UP-01131USP2	11/5/2019	62/930,620		US
UP-01102US	4/30/2020	16/863,311		US
UP-01155US				US
UP-01161US	2/6/2020	16/783,762		US
UP-01159US	9/8/2020	17/014,168		US

UP-01155USP2				US
UP-01160US	3/27/2020	16/832,758		US
UP-01154US				US
UP-01158US	4/30/2020	16/863,341		US
UP-01154USP2				US
UP-01168US				US
UP-01166US				US
UP-01079US	12/17/2019	16/717,058		US
UP-01167US				US
UP-01063US	12/11/2019	16/710,262		US
UP-01133US	3/20/2020	US16/825,266	20210012116	US
UP-01194USP	11/16/2019	62/936,439		US
UP-01203USP	11/16/2019	62/936,430		US
UP-01198USP	11/16/2019	62/936,415		US
UP-01201USP				US
UP-01200USP	11/16/2019	62/936,418		US
UP-01205USP				US
UP-01206USP	11/16/2019	62/936,448		US
UP-01202USP				US
UP-01199USP	11/16/2019	62/936,417		US
UP-01197USP	11/16/2019	62/936,438		US
UP-01196USP	11/16/2019	62/936,431		US
UP-01204USP				US
UP-01207USP	11/16/2019	62/936,429		US
UP-01195USP1	11/16/2019	62/936,436		US
UP-01208USP	11/16/2019	62/936,446		US
UP-01165US				US
UP-01192USP	11/16/2019	62/936,450		US
UP-01193USP	11/16/2019	62/936,423		US
UP-01190USP	11/16/2019	62/936,425		US
UP-01191USP	11/16/2019	62/936,434		US
UP-00378IT	6/21/2018	18179015.5	3421316	IT
UP-00378GB	6/21/2018	18179015.5	3421316	GB
UP-00378FR	6/21/2018	18179015.5	3421316	FR
UP-00378DE	6/21/2018	18179015.5	3421316	DE
UP-01188USP	11/16/2019	62/936,421		US
UP-01131US	2/26/2020	16/801,933	20210009166	US
UP-00428USC1	11/1/2019	16/672,079	20200097009	US
UP-01340USP1	7/28/2020	63/057,632		US
UP-01168USP	9/17/2019	62/901,480		US

UP-01164US	2/29/2020	16/805,714		US
UP-01330US	11/11/2020	17/094,843		US
UP-01196WO	11/16/2020	PCT/US2020/060722		WO
UP-01195WO	11/16/2020	PCT/US2020/060645		WO
UP-01329US	10/30/2020	17/085,634		US
UP-01256USP3	10/22/2020	63/104,146		US
UP-01367USC1	6/15/2017	15/624,234	20170287335	US
UP-01367US	6/5/2015	14/732,555	20160358477	US
UP-01377USP	11/17/2020	63/114,862		US
UP-00811USP1	3/14/2018	62/643,072		US
UP-00483USP	9/5/2017	62/554,506		US
UP-01217US2	4/28/2020	16/860,393		US
UP-01276USP	8/7/2020	63/062,788		US
UP-01344USP1	7/29/2020	63/058,043		US
UP-00596USP	9/27/2017	62/563,697		US
UP-01167USP	9/17/2019	62/901,546		US
UP-00630US	9/13/2012	13/614,678	20140015434	US
UP-00249USC2	7/6/2018	16/029,075	20180314256	US
UP-00378EP	6/21/2018	18179015.5	3421316	EP
UP-00378CN	6/27/2018	201810680426.4	109131347	CN
UP-01360USP	10/1/2020	63/086,306		US
UP-00424USC1	10/7/2020	17/065,171	20210020048	US
UP-00332USCIPIC1	10/9/2020	17/067,135	20210025989	US
UP-00410USC1	10/14/2020	17/070,213	20210041262	US
UP-01037WO	9/4/2020	PCT/US2020/049373	2021/050375	WO
UP-01357USP	11/9/2020	63/111,296		US
UP-00638WO	11/21/2018	PCT/US2018/062171		WO
UP-00606WO	11/16/2018	PCT/US2018/061553	2019099853	WO
UP-00789USP	5/17/2018	62/672,745		US
UP-00810USP				US
UP-00788USP	4/30/2018	62/664,678		US
UP-01356USP	12/9/2020	63/123,074		US
UP-01166USP	9/15/2019	62/900,632		US
UP-00496AU	3/2/2020	2018324525		AU
UP-00496JP	3/2/2020	2020-512738	2020-532801	JP
UP-00496SG	3/2/2020	11202001848Y		SG
UP-00496CA	3/2/2020	3,074,464		CA
UP-00496CN	4/15/2020	201880067240.X		CN
UP-00743WO	9/16/2019	PCT/US2019/051271		WO
UP-00496EP	2/28/2020	18759259.5	3659105	EP

UP-01165USP	9/13/2019	62/899,960		US
UP-01037US	12/13/2019	16/713,441	20210080955	US
UP-00620USC1	2/24/2020	US16/799,040		US
UP-01303USP	7/31/2020	63/059,442		US
UP-01164USP	2/19/2020	62/978,629		US
UP-01132US	3/12/2020	16/816,671	20210009163	US
UP-00220SG	3/22/2018	11201908368R		SG
UP-00220CN	10/28/2019	201880028180.0		CN
UP-00220JP	3/22/2018	2019-551622	2020-512635	JP
UP-00220EP	3/22/2018	18770750.0	EP3602220	EP
UP-01091WO	3/23/2020	PCT/US2020/024172	2020/198119	WO
UP-01061US	9/6/2019	16/562,938	20210049378	US
UP-01217US1	4/28/2020	16/860,387		US
UP-01160USP	2/27/2020	62/982,436		US
UP-01159USP	10/18/2019	62/923,210		US
UP-01158USP	2/28/2020	62/983,204		US
UP-01253USP2	12/1/2020	63/119,981		US
UP-01249USP2	12/31/2020	63/132,967		US
UP-01258USP2				US
UP-01252USP2	12/31/2020	63/132,780		US
UP-01250USP2	11/10/2020	63/111,913		US
UP-01254USP2				US
UP-01259USP2				US
UP-00559USC1	4/17/2020	US16/851,842		US
UP-01256USP2	4/30/2020	63/017,930		US
UP-01251USP2	12/31/2020	63/133,000		US
UP-01247USP2				US
UP-01255USP2	11/11/2020	63/112,376		US
UP-01257USP2				US
UP-01248USP2				US
UP-00601USC1	2/7/2020	US16/784,408		US
UP-00606USC3	9/21/2020	17/027,121	20210075471	US
UP-01155USP1	8/28/2019	62/892,778		US
UP-01154USP	8/28/2019	62/892,756		US
UP-01056USP2	12/31/2019	62/955,708		US
UP-01056US	3/20/2020	US16/825,049		US
UP-01347USP	12/22/2020	63/129,173		US
UP-01346USP	12/22/2020	63/129,171		US
UP-00584USC1	8/31/2020	17/007,969	20200394474	US
UP-00865US	9/5/2018	16/122,520	20200064851	US

UP-01267US1	8/27/2020	17/004,709		US
UP-00323WO	1/16/2018	PCT/US2018/013810	2018190929	WO
UP-00876US	7/24/2019	16/520,812	20200041622	US
UP-00864US	7/24/2019	16/520,799	20200041624	US
UP-00658US2	9/7/2018	16/124,966	20190147372	US
UP-00824US	6/18/2018	16/010,757	20190361656	US
UP-00823US	6/18/2018	16/010,720	20190359084	US
UP-01371US				US
UP-01370US				US
UP-00168USC2				US
UP-00464CN	9/3/2020	201980017075.1		CN
UP-00464EP	7/29/2020	19748414.0	3732367	EP
UP-01361US				US
UP-01372US				US
UP-01063WO				WO
UP-00394US1C2	9/18/2020	17/025,454	20210031801	US
UP-00567WO	12/7/2018	PCT/US2018/064383		WO
UP-00787USP	4/30/2018	62/664,672		US
UP-01346US	1/4/2021	17/140,597		US
UP-00286GB	6/22/2018	18179306.8	3418841	GB
UP-00286DE	6/22/2018	18179306.8	3418841	DE
UP-00286FR	6/22/2018	18179306.8	3418841	FR
UP-00286EPD1	12/29/2020	20217689.7		EP
UP-01270US	10/2/2020	17/062,067		US
UP-01365USP	10/16/2020	63/092,581		US
UP-01241US	8/12/2020	16/991,494		US
UP-00282CN	2/19/2018	201880020798.2		CN
UP-00282EP	8/23/2019	18708529.5	3586209	EP
UP-00282JP	8/27/2019	2019-546232	2020-510922	JP
UP-00282CA	2/19/2018	3054555		CA
UP-00282SG	8/23/2019	11201907791W		SG
UP-01184USP	1/22/2020	US62/964,396		US
UP-01068WO	8/17/2020	PCT/US2020/046589	2021/034734	WO
UP-01347US	1/4/2021	17/140,606		US
UP-00901EP	12/22/2020	19732834.7	3802260	EP
UP-01368USP	10/22/2020	63/104,125		US
UP-01228US	11/7/2020	17/092,237		US
UP-01236US	7/1/2020	16/918,178		US
UP-01317US				US
UP-01317USP2				US

UP-01222US2	7/8/2020	16/923,614		US
UP-01224US2	7/8/2020	16/923,624		US
UP-01318US	1/15/2021	17/150,989		US
UP-01318USP2	10/19/2020	63/093,471		US
UP-00172USC2	6/5/2020	16/894,118	20200302196	US
UP-00378EPD1	9/7/2020	20194777.7	3766754	EP
UP-01340US	11/11/2020	17/095,227		US
UP-01337USP2				US
UP-01339USP2				US
UP-01338US				US
UP-00686EP	7/9/2020	19705598.1	3720747	EP
UP-00686JP	7/9/2020	2020-538098		JP
UP-00698EP	7/15/2020	19704097.5	3724053	EP
UP-00604EP	7/13/2020	19706773.9	3724737	EP
UP-01262US	7/8/2020	16/923,626		US
UP-01223US	7/8/2020	16/923,620		US
UP-01339US				US
UP-01320USP	6/5/2020	63/035,577		US
UP-01321USP				US
UP-01318USP	6/5/2020	63/035,573		US
UP-01222US1	7/8/2020	16/923,610		US
UP-01317USP	6/5/2020	63/035,571		US
UP-01319USP	6/5/2020	63/035,562		US
UP-01303US	8/28/2020	17/005,667		US
UP-01341US	1/15/2021	17/150,998		US
UP-01341USP2	12/31/2020	63/132,792		US
UP-01343USP2				US
UP-01224US1	7/8/2020	16/923,623		US
UP-01342USP2				US
UP-01340USP2	10/30/2020	63/107,907		US
UP-01342US				US
UP-01338USP2				US
UP-01337US				US
UP-01343US				US
UP-01344US				US
UP-01344USP2				US
UP-01316USP2				US
UP-01316US				US
UP-01337USP1	7/28/2020	63/057,510		US
UP-01316USP	5/29/2020	63/032,021		US

UP-00199USC2	7/17/2020	16/932,133	20200348403	US
UP-00496USC1	7/27/2020	16/939,590	20200356098	US
UP-01339USP1	7/28/2020	63/057,522		US
UP-01338USP1	7/28/2020	63/057,672		US
UP-00570US	11/6/2017	15/804,386	20190105968	US
UP-00496US	10/26/2017	15/794,547	20190072964	US
UP-00091US-1C1	11/10/2017	15/809,666	20180088235	US
UP-01067US	10/7/2019	16/594,876	20210049243	US
UP-01044US				US
UP-00604WO	1/11/2019	PCT/US2019/013168		WO
UP-00622WO	1/9/2019	PCT/US2019/012857		WO
UP-00279USCIP				US
UP-00679USP2	1/8/2018	62/614,545		US
UP-00567EP	6/5/2020	18833547.5	3704556	EP
UP-00584JP	6/2/2020	2020-530478	2021-506000	JP
UP-00584EP	6/5/2020	18821944.8	3704627	EP
UP-00688EP	6/5/2020	18799959.4	3704684	EP
UP-00639JP	6/5/2020	2020-531007	2021-505467	JP
UP-00639EP	6/5/2020	18826157.2	3703978	EP
UP-01360US				US
UP-01267US2	8/27/2020	17/004,712		US
UP-00620EP	5/7/2020	18812475.4	3692484	EP
UP-00879WO	8/19/2019	PCT/US2019/047102	2020041214	WO
UP-00444USC1	9/27/2019	16/585,482	20200027292	US
UP-00250US-1C3	8/29/2019	16/554,711	20190385390	US
UP-01152US				US
UP-01151USP	12/13/2019	62/947,658		US
UP-01183USP	3/31/2020	63/002,675		US
UP-00638USC1	2/17/2020	16/792,725	20200180648	US
UP-00089EP-GB	3/6/2014	14714039.6	2972471	GB
UP-00089EP-DE	3/6/2014	14714039.6	2972471	DE
UP-00089EP-FR	3/6/2014	14714039.6	2972471	FR
UP-01331USP	10/12/2020	63/090,536		US
UP-01148USP1	6/17/2015	62/180,731		US
UP-01148USP2	6/17/2015	62/181,104		US
UP-01068US	3/20/2020	16/825,539	20210046954	US
UP-00431SG	12/10/2019	11201911878P		SG
UP-00431EP	6/27/2018	18825295.1	EP3646128	EP
UP-00411EP	6/15/2018	18742865.1	EP3638559	EP
UP-00431JP	12/13/2019	2019-569959		JP

UP-00283US				US
UP-00134KR	8/31/2016	10-2018-7009172		KR
UP-00134JP	8/31/2016	2018509875	2018527235	JP
UP-00134EP	8/31/2016	16842925.6	3344507	EP
UP-00134CN	8/31/2016	201680049672.9	107924191	CN
UP-00820US	7/17/2018	16/037,610	20190358818	US
UP-00198USC1	12/29/2017	15/858,872	20180141564	US
UP-00887USP	10/26/2018	62/751,061		US
UP-00796USP	5/11/2018	62/670,330		US
UP-00846US	8/7/2018	16/057,167	20200033140	US
UP-00567US	8/3/2018	16/054,499	20190176836	US
UP-00470US	5/30/2018	15/992,498	20190179327	US
UP-00410US	12/19/2017	15/847,476	20190186947	US
UP-00144EP	12/20/2016	16879976.5	3393887	EP
UP-00743US1	9/14/2018	16/131,727	20200089243	US
UP-00094WO	12/14/2017	PCT/US2017/066447	2018118649	WO
UP-00602US	2/12/2018	15/893,729	20190179979	US
UP-00688US	12/29/2017	15/858,044		US
UP-00639US	2/28/2018	15/907,906	20190176684	US
UP-00249WO	12/12/2017	PCT/US2017/065814	2018111874	WO
UP-01269US	9/22/2020	17/028,203		US
UP-01237US	7/6/2020	16/920,873		US
UP-01121USP2	3/19/2020	62/991,799		US
UP-01261US	7/24/2020	16/938,020		US
UP-00140-AUDI	4/9/2020	AU2020202471		AU
UP-00622EP	7/9/2020	19703800.3	3721313	EP
UP-01183US2	6/5/2020	16/893,630		US
UP-01281USP	9/11/2020	63/077,285		US
UP-01081WO				WO
UP-01081US				US
UP-00418EP	3/13/2020	18780274.9	3665539	EP
UP-00460EP	3/13/2020	18782848.8	3665061	EP
UP-00418JP	3/13/2020	2020-515144	2020-534202	JP
UP-00460JP	3/13/2020	2020-515232	2020-534203	JP
UP-01269USP	7/20/2020	63/053,891		US
UP-01330USP	10/22/2020	63/104,112		US
UP-01262USP	6/4/2020	63/034,428		US
UP-01261USP	6/29/2020	63/045,486		US
UP-01329USP	9/23/2020	63/082,179		US
UP-00485US	10/27/2017	15/795,632	20190079526	US

UP-01061USP	8/13/2019	62/886,001		US
UP-00466US	10/25/2017	15/793,291	20190101924	US
UP-00686WO	1/10/2019	PCT/US2019/013020		WO
UP-00463US	10/30/2017	15/797,365	20190092287	US
UP-00416US	11/17/2017	15/816,242	20190113351	US
UP-00670WO	1/17/2019	PCT/US2019/013904		WO
UP-00332USP	10/31/2017	62/579,528		US
UP-00168USCI	7/5/2018	16/027,706	20180313928	US
UP-01178US	4/6/2020	16/841,047		US
UP-01172US	5/5/2020	16/866,973		US
UP-01173US	5/5/2020	16/866,977		US
UP-01276US	10/2/2020	17/062,168		US
UP-01314US	9/24/2020	17/030,973		US
UP-01334US				US
UP-01101WO	7/2/2020	PCT/US2020/040647	2021/003361	WO
UP-01183US3	6/5/2020	16/893,657		US
UP-01270USP	7/30/2020	63/058,789		US
UP-01171US	5/5/2020	16/866,965		US
UP-01256USP	3/5/2020	62/985,583		US
UP-01255USP	3/5/2020	62/985,847		US
UP-01253USP	3/5/2020	62/985,862		US
UP-01252USP	3/5/2020	62/985,865		US
UP-01251USP	3/5/2020	62/985,855		US
UP-01254USP	3/5/2020	62/985,852		US
UP-01248USP	3/5/2020	62/985,851		US
UP-01247USP	3/5/2020	62/985,843		US
UP-01250USP	3/5/2020	62/985,844		US
UP-01249USP	3/5/2020	62/985,848		US
UP-00584US	5/7/2018	15/972,566	20190171912	US
UP-00718US	1/9/2018	15/865,790	20190161080	US
UP-00853USP				US
UP-00852USP	5/18/2018	62/673,471		US
UP-00679US	1/19/2018	15/875,000	20190168724	US
UP-00975US	10/16/2019	16/654,487	20200160559	US
UP-00803USP	5/18/2018	62/673,227		US
UP-00660US	9/5/2018	16/122,267	20190147253	US
UP-00658US1	9/5/2018	16/122,203	20190147610	US
UP-00475US	5/30/2018	15/992,346	20190129429	US
UP-00585US	12/12/2017	15/839,100		US
UP-00659US	2/7/2018	15/890,886	20190146497	US

UP-00662US	9/6/2018	16/123,289	20190145784	US
UP-00687US				US
UP-00638US	12/20/2017	15/848,564	20190152490	US
UP-00656US	9/6/2018	16/123,147		US
UP-00575US	11/13/2017	15/810,495	20190106117	US
UP-00460US	9/10/2018	16/126,533	20190079513	US
UP-00637US	12/12/2017	15/839,137	20190135239	US
UP-00714US	9/6/2018	16/123,233	20190147250	US
UP-00558US	12/7/2017	15/834,691	20190130056	US
UP-00620US	12/21/2017	15/850,398	20190146496	US
UP-00657US	9/17/2018	16/133,046	20190145763	US
UP-00680US	10/30/2018	16/175,161	20190147335	US
UP-00665US	9/6/2018	16/123,343	20190147255	US
UP-00576US	11/13/2017	15/810,524	20190118829	US
UP-00501US	1/5/2018	15/862,757	20190135290	US
UP-00661US	9/5/2018	16/122,413	20190147254	US
UP-00577US	12/11/2017	15/837,341	20190129831	US
UP-00623US	1/29/2018	15/882,294	20190155289	US
UP-00332USCIP1	2/28/2018	15/907,966	20180348346	US
UP-00720USP	2/12/2018	62/629,142		US
UP-00090EP-GB	11/21/2014	14864968.4	3072162	GB
UP-00090EP-DE	11/21/2014	14864968.4	3072162	DE
UP-00090EP-FR	11/21/2014	14864968.4	3072162	FR
UP-01259USP	3/5/2020	62/985,863		US
UP-01258USP	3/5/2020	62/985,860		US
UP-01257USP	3/5/2020	62/985,866		US
UP-01123US	3/6/2020	16/811,531		US
UP-00160USC1	8/6/2019	16/532,789	20200049835	US
UP-00289US2				US
UP-00289US1				US
UP-00780USP	6/11/2018	62/683,191		US
UP-00274US	10/13/2017	15/783,391	20180329428	US
UP-00684US				US
UP-00238EP	8/14/2017	17844132.5		EP
UP-00223USC1	2/12/2019	16/274,040	20190257661	US
UP-00290US	2/8/2017	15/427,967	20180224850	US
UP-00289USP	3/31/2017	62/479,465		US
UP-00275USP	5/9/2017	62/503,790		US
UP-00274USP	5/9/2017	62/503,798		US
UP-00092USP	5/16/2016	62/337,294		US

UP-00092USC1	1/18/2017	15/409,160	20170327126	US
UP-00455US	9/25/2018	16/140,897	20190186920	US
UP-00238USP	8/24/2016	62/379,162		US
UP-00238WO	8/14/2017	PCT/US2017/046796	2018038958	WO
UP-00238US	3/6/2017	15/450,268	20180061242	US
UP-00092US	6/15/2016	15/182,989	9582003	US
UP-00165US	6/8/2016	15/176,561	20170359561	US
UP-00160US	4/26/2016	15/138,935	20170307763	US
UP-00223US	1/23/2017	15/412,303	20180209801	US
UP-00149WO	12/8/2016	PCT/US2016/065656	2017100473	WO
UP-00121WO	3/14/2014	PCT/US2014/027126	2014152254	WO
UP-00121KR	3/14/2014	10-2015-7029111		KR
UP-00149US-6	12/8/2015	14/963,038	20170163398	US
UP-00149US-5	12/8/2015	14/963,007	20170162057	US
UP-00149US-4	12/8/2015	14/962,974	9557183	US
UP-00149US-3C2	6/8/2017	15/617,213	20170277186	US
UP-00149US-3C1	7/26/2016	15/219,992	20170160742	US
UP-00121JP	3/14/2014	2016-502343	2016513804	JP
UP-00121EP	3/14/2014	14770009.0	2972478	EP
UP-00121CN	3/14/2014	201480022190.5	105164549	CN
UP-00121CA	3/14/2014	2,902,430		CA
UP-00121AU	3/14/2014	2014239979		AU
UP-00149US-3	12/8/2015	14/962,918		US
UP-00149US-2	12/8/2015	14/962,876	20170164423	US
UP-00149US-1C1	1/31/2017	15/420,932	20170164257	US
UP-00149US-1	12/8/2015	14/962,847	9603158	US
UP-00121US	4/21/2016	14/777,427	20160227193	US
UP-00373US	5/25/2017	15/604,979	20180342165	US
UP-00190US	5/31/2017	15/610,068		US
UP-00190USP	6/3/2016	62/345,289		US
UP-00398USC1	7/23/2019	16/519,415	20200019175	US
UP-01174WO	2/16/2021	PCT/US2021/018249		WO
UP-00462US	11/6/2018	16/181,718	20190135283	US
UP-00275WO	5/2/2019	PCT/US2019/030341	2019217186	WO
UP-00780US	6/7/2019	16/434,501	20190377342	US
UP-00397US	11/14/2017	15/812,501	20190146508	US
UP-00462USP	11/7/2017	62/582,503		US
UP-00287US				US
UP-00222US				US
UP-00398US	11/14/2017	15/812,606	20190146509	US

UP-00271USP	12/31/2018	62/786,707		US
UP-00121EPDE	3/14/2014	14770009.0	2972478	DE
UP-00462USC1	1/14/2021	17/149,337		US
UP-00274USC1	1/8/2021	17/144,431		US
UP-00398WO	11/14/2018	PCT/US2018/061024	2019099498	WO
UP-00397WO	11/14/2018	PCT/US2018/060950	2019099465	WO
UP-00288US				US
UP-00289US	4/20/2018	15/959,100	20180281815	US
UP-01174US	3/24/2020	16/828,632		US
UP-00238USC1	6/11/2019	16/437,881	20190295421	US
UP-00190USC1	9/16/2020	17/022,565	20210005088	US
UP-00271US	2/5/2019	16/268,337	20200209857	US
UP-00149SG	12/8/2016	11201804158W		SG
UP-00149EP	12/8/2016	16873859.9	3387864	EP
UP-00149CA	12/8/2016	3,005,673		CA
UP-00149AU	12/8/2016	2016368552		AU
UP-00149US-3C3	1/2/2019	16/238,288	20190138008	US
UP-00455USP	12/15/2017	62/599,220		US
UP-00275US	5/8/2018	15/973,720	20180328745	US
UP-00983USP				US

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT8103599

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
	Name	Execution Date
	UBER TECHNOLOGIES, INC.	01/19/2021
RECEIVING PARTY DATA		
Name:	UATC, LLC	
Street Address:	280 NORTH BERNARDO AVENUE	
City:	MOUNTAIN VIEW	
State/Country:	CALIFORNIA	
Postal Code:	94043	
PROPERTY NUMBERS Total: 2		
Property Type	Number	
Application Number:	17749841	
Application Number:	17360599	
CORRESPONDENCE DATA		
Fax Number:	(864)233-7342	
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>		
Phone:	8642711592	
Email:	jstutts@dority-manning.com, mabdo@dority-manning.com, usdocketing@dority-manning.com	
Correspondent Name:	DORITY & MANNING, P.A. AND JOBY AERO, INC.	
Address Line 1:	PO BOX 1449	
Address Line 4:	GREENVILLE, SOUTH CAROLINA 29602	
ATTORNEY DOCKET NUMBER:	AURAT-ASSIGNMENT	
NAME OF SUBMITTER:	JUSTIN J. BROWN	
SIGNATURE:	/Justin J. Brown/	
DATE SIGNED:	08/09/2023	
Total Attachments: 43		
source=Uber_to_UATC_Confirmatory_Assignment_19JAN2021#page1.tif		
source=Uber_to_UATC_Confirmatory_Assignment_19JAN2021#page2.tif		
source=Uber_to_UATC_Confirmatory_Assignment_19JAN2021#page3.tif		
source=Uber_to_UATC_Confirmatory_Assignment_19JAN2021#page4.tif		

source=Uber_to_UATC_Confirmatory_Assignment_19JAN2021#page5.tif
source=Uber_to_UATC_Confirmatory_Assignment_19JAN2021#page6.tif
source=Uber_to_UATC_Confirmatory_Assignment_19JAN2021#page7.tif
source=Uber_to_UATC_Confirmatory_Assignment_19JAN2021#page8.tif
source=Uber_to_UATC_Confirmatory_Assignment_19JAN2021#page9.tif
source=Uber_to_UATC_Confirmatory_Assignment_19JAN2021#page10.tif
source=Uber_to_UATC_Confirmatory_Assignment_19JAN2021#page11.tif
source=Uber_to_UATC_Confirmatory_Assignment_19JAN2021#page12.tif
source=Uber_to_UATC_Confirmatory_Assignment_19JAN2021#page13.tif
source=Uber_to_UATC_Confirmatory_Assignment_19JAN2021#page14.tif
source=Uber_to_UATC_Confirmatory_Assignment_19JAN2021#page15.tif
source=Uber_to_UATC_Confirmatory_Assignment_19JAN2021#page16.tif
source=Uber_to_UATC_Confirmatory_Assignment_19JAN2021#page17.tif
source=Uber_to_UATC_Confirmatory_Assignment_19JAN2021#page18.tif
source=Uber_to_UATC_Confirmatory_Assignment_19JAN2021#page19.tif
source=Uber_to_UATC_Confirmatory_Assignment_19JAN2021#page20.tif
source=Uber_to_UATC_Confirmatory_Assignment_19JAN2021#page21.tif
source=Uber_to_UATC_Confirmatory_Assignment_19JAN2021#page22.tif
source=Uber_to_UATC_Confirmatory_Assignment_19JAN2021#page23.tif
source=Uber_to_UATC_Confirmatory_Assignment_19JAN2021#page24.tif
source=Uber_to_UATC_Confirmatory_Assignment_19JAN2021#page25.tif
source=Uber_to_UATC_Confirmatory_Assignment_19JAN2021#page26.tif
source=Uber_to_UATC_Confirmatory_Assignment_19JAN2021#page27.tif
source=Uber_to_UATC_Confirmatory_Assignment_19JAN2021#page28.tif
source=Uber_to_UATC_Confirmatory_Assignment_19JAN2021#page29.tif
source=Uber_to_UATC_Confirmatory_Assignment_19JAN2021#page30.tif
source=Uber_to_UATC_Confirmatory_Assignment_19JAN2021#page31.tif
source=Uber_to_UATC_Confirmatory_Assignment_19JAN2021#page32.tif
source=Uber_to_UATC_Confirmatory_Assignment_19JAN2021#page33.tif
source=Uber_to_UATC_Confirmatory_Assignment_19JAN2021#page34.tif
source=Uber_to_UATC_Confirmatory_Assignment_19JAN2021#page35.tif
source=Uber_to_UATC_Confirmatory_Assignment_19JAN2021#page36.tif
source=Uber_to_UATC_Confirmatory_Assignment_19JAN2021#page37.tif
source=Uber_to_UATC_Confirmatory_Assignment_19JAN2021#page38.tif
source=Uber_to_UATC_Confirmatory_Assignment_19JAN2021#page39.tif
source=Uber_to_UATC_Confirmatory_Assignment_19JAN2021#page40.tif
source=Uber_to_UATC_Confirmatory_Assignment_19JAN2021#page41.tif
source=Uber_to_UATC_Confirmatory_Assignment_19JAN2021#page42.tif
source=Uber_to_UATC_Confirmatory_Assignment_19JAN2021#page43.tif