

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT6907534

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
GOGO LLC	08/31/2020
RECEIVING PARTY DATA	
Name:	GOGO BUSINESS AVIATION LLC
Street Address:	105 EDGEVIEW DRIVE
City:	BROOMFIELD
State/Country:	COLORADO
Postal Code:	80021
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	17470239
CORRESPONDENCE DATA	
Fax Number:	(312)474-0448
<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:	312-474-6300
Email:	docket@marshallip.com, kkrahn@marshallip.com
Correspondent Name:	MARSHALL, GERSTEIN & BORUN LLP
Address Line 1:	233 S. WACKER DRIVE
Address Line 2:	6300 WILLIS TOWER
Address Line 4:	CHICAGO, ILLINOIS 60606-6357
ATTORNEY DOCKET NUMBER:	32045/47945-CON4
NAME OF SUBMITTER:	KARIN KRAHN
SIGNATURE:	/Karin Krahn/
DATE SIGNED:	09/09/2021
Total Attachments: 14	
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**AMENDED AND RESTATED INTELLECTUAL PROPERTY ASSIGNMENT
AGREEMENT**

This Amended and Restated Intellectual Property Assignment Agreement (this “Agreement”) is entered into on this 31st day of August, 2020, by and among Gogo LLC, a Delaware limited liability company (“Transferor”), and Gogo Business Aviation LLC, a Delaware limited liability company (“Transferee”).

WHEREAS, Gogo, Transferor, Transferee, AC BidCo LLC, a Delaware limited liability company, Gogo Connectivity Ltd. (Canada), a British Columbia corporation, Gogo Inflight Internet Canada Ltd., a British Columbia unlimited liability company and a direct, wholly-owned subsidiary of Connectivity, Gogo ATG LLC, a Delaware limited liability company, Gogo CA Licenses LLC, a Delaware limited liability company, Gogo Intermediate Holdings LLC, a Delaware limited liability company and Gogo International Holdings LLC, a Delaware limited liability company, are parties to that Second Amended and Restated Reorganization Agreement, dated as of August 31, 2020 (the “Reorganization Agreement”), providing for the Reorganization Transactions among the Gogo Group, upon the terms and conditions set forth in the Reorganization Agreement;

WHEREAS, in an effort to maximize the value of Gogo’s commercial aviation business (the “CA Business”) and business aviation business (the “BA Business”), Gogo and its subsidiaries seek to align each business’s operating assets, liabilities and employees with its respective operating entities by undertaking the Reorganization Transactions;

WHEREAS, following the execution of the Reorganization Transactions, the CA Business and the BA Business shall (i) be managed and operated through separate entities and (ii) continue to access certain shared services and assets as shall be reflected in intercompany transactions as described herein and in the Reorganization Agreement;

WHEREAS, by aligning Gogo’s corporate structure, organization and documentation with its current business and operating practices, Gogo and its subsidiaries seek to (i) facilitate the pursuit of a potential sale of the CA Business (the “Potential Transaction”) if a Potential Transaction is determined to be in the best interests of Gogo and its shareholders, (ii) maximize the value of each of the CA Business and the BA Business, and commensurately the overall Gogo corporate group, (iii) streamline ongoing operations of Gogo and its subsidiaries, and (iv) more clearly document and formalize, on fair, reasonable and arms-length terms, existing allocation and intercompany cooperation structures;

WHEREAS, in connection with the foregoing, the parties hereto entered into an Intellectual Property Assignment Agreement, dated as of July 31, 2020 (the “Existing IP Assignment Agreement”);

WHEREAS, as of the Closing Date, pursuant to the Existing IP Assignment Agreement, Transferor conveyed, assigned, transferred and delivered to Transferee all of Transferor’s right, title and interest in and to the Transferred IP (other than the Domain Names and the Additional Patents), and Transferee accepted the same;

WHEREAS, in order to effect the transfer of certain assets from the BA Business to the CA Business and from the CA Business to the BA Business, the parties hereto desire to amend and restate the Existing IP Assignment Agreement in its entirety by entering into this Agreement;

WHEREAS, pursuant to the Reorganization Agreement, Transferor has agreed to convey, assign, transfer and deliver to Transferee all of Transferor's right, title and interest in and to the Transferred IP, to the extent not conveyed, assigned, transferred and delivered the Transferee on the Closing Date (which, for the avoidance of doubt, such transfer shall include the Domain names and the Additional Patents);

WHEREAS, pursuant to the Reorganization Agreement, Transferee has agreed to accept the conveyance, assignment, transfer and delivery of Transferor's right, title and interest in and to the Transferred IP, to the extent not conveyed, assigned, transfer and delivered the Transferee on the Closing Date (which, for the avoidance of doubt, such transfer shall include the Domain Names and the Additional Patents); and

WHEREAS, to facilitate the separation of the CA Business and BA Business as of the Second Closing Date and the Reorganization Transactions, upon the terms and conditions set forth in this Agreement, the Parties desire by their execution of this Agreement to evidence their agreement with respect to certain obligations, as more fully set forth herein.

NOW, THEREFORE, in consideration of the mutual promises and covenants made herein and in the Reorganization Agreement and of the mutual benefits to be derived herefrom and therefrom, the parties agree as follows:

1. Definitions. All capitalized terms used and not otherwise defined herein shall have the meanings ascribed to such terms in the Reorganization Agreement.

“Additional Patents” means the patents and patent applications set forth under the heading “Additional Patents” on Exhibit A hereto, including any patents and patent applications in any and all jurisdictions throughout the world.

“Ancillary IP Rights” means, with respect to any Intellectual Property, any and all of the following in any and all jurisdictions throughout the world: (a) all rights of priority therein in any country as may now or hereafter be granted to it by law, treaty or other international convention; (b) all rights to sue for, and pursue, collect and retain, damages, costs, injunctive relief, and other remedies, including the right to compromise, for any past, present, or future infringement, misappropriation or dilution of, or conflict with, such Intellectual Property; and (c) all rights to file for, apply for, prosecute and obtain in any and all jurisdictions throughout the world patents, trademarks, copyrights and registrations of such Intellectual Property and any other form of governmental grant or issuance.

“Domain Names” means all of the Internet domain names, URLs, personalized subdomains, social media usernames and other digital identifiers and indicia of origin used or held for use by Transferor, including those set forth under the heading “Domain Names” on Exhibit A hereto.

“Intellectual Property” means, in any and all jurisdictions throughout the world, any (i) trademarks, service marks, trade names, trade dress, acronyms, tag-lines, slogans, logos and other indicia of origin, (ii) Internet domain names, URLs and personalized subdomains, (iii) social media usernames and other digital identifiers, (iv) copyrights and rights in copyrightable subject matter in published and unpublished works of authorship, (v) rights in software, (vi) all registrations and applications to register or renew the registration of any of the foregoing, (vii) patents and patent applications, including all reissues, divisions, renewals, extensions, provisionals, continuations and continuations-in-part thereof, (viii) rights in trade secrets, inventions, processes, designs, formulae, models, tools, algorithms, know-how, ideas, and confidential information and (ix) all other intellectual property rights.

“Transferred IP” means all Intellectual Property owned by Transferor that relates to the BA Business (including the Intellectual Property set forth on Exhibit A hereto).

2. Assignment.

(a) On the Closing Date, Transferor hereby (a) conveys, assigns, transfers and delivers to Transferee all of Transferor’s right, title and interest in and to the Transferred IP (other than the Domain Names and the Additional Patents) and all Ancillary IP Rights related thereto and the goodwill associated with the foregoing and symbolized thereby provided that, with respect to any United States intent-to-use trademark applications included in the Transferred IP (other than the Domain Names and the Additional Patents), the transfer of such applications accompanies, pursuant to the Reorganization Agreement, the transfer of the portion of Transferor’s business to which the trademark pertains, and that business is ongoing and existing, and (b) waives any moral rights, including rights of attribution and integrity, arising from all or any part of such Transferred IP (other than the Domain Names and the Additional Patents), together with all claims for damages and other remedies asserted on the basis of moral rights, and Transferor hereby conveys, assigns, transfers and delivers to Transferee any and all waivers granted to Transferor of any such moral rights (to the extent transferable) (the “Closing Date Assignment”).

(b) On the Second Closing Date, to the extent not conveyed, assigned, transferred or delivered to the Transferee as of the Closing Date, Transferor hereby (a) conveys, assigns, transfers and delivers to Transferee all of Transferor’s right, title and interest in and to the Transferred IP (including the Domain names and the Additional Patents), and all Ancillary IP Rights related thereto and the goodwill associated with the foregoing and symbolized thereby provided that, with respect to any United States intent-to-use trademark applications included in the Transferred IP (including the Domain names and the Additional Patents), the transfer of such applications accompanies, pursuant to the Reorganization Agreement, the transfer of the portion of Transferor’s business to which the trademark pertains, and that business is ongoing and existing, and (b) waives any moral rights, including rights of attribution and integrity, arising from all or any part of such Transferred IP (including the Domain names and the Additional Patents), together with all claims for damages and other remedies asserted on the basis of moral rights, and Transferor hereby conveys, assigns, transfers and delivers to Transferee any and all waivers granted to Transferor of any such moral rights (to the extent transferable) (the “Second Closing Assignment”, and together with the Closing Date Assignment, the “Assignment”).

3. Reorganization Agreement Controls. All terms and conditions of the transactions contemplated by the Reorganization Agreement are set forth in the Reorganization Agreement. To the extent that any provision of this Agreement is inconsistent or conflicts with the Reorganization Agreement, the provisions of the Reorganization Agreement shall control.

4. Further Assurances. Each party hereto agrees to execute and deliver, or cause to be executed and delivered, all such documents and instruments, and will take, or cause to be taken, all such further actions, in each case, as may be reasonably necessary, appropriate or desirable in connection with the Assignment, including any such documents and instruments to be executed and delivered in connection with making appropriate filings with the intellectual property offices of any applicable jurisdiction.

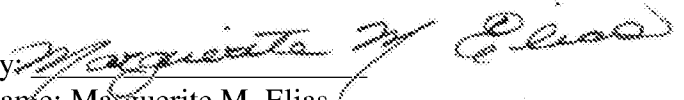
5. Miscellaneous. The terms and provisions of Sections 11 (Entire Agreement), 13 (Governing Law) and 14 (Counterparts; PDF Signatures) of the Reorganization Agreement are hereby incorporated herein by reference and apply, mutatis mutandis, to this Agreement.

[SIGNATURE PAGE FOLLOWS]

IN WITNESS WHEREOF, the parties hereto have executed this Agreement as of the date first written above.

TRANSFEROR:

GOGO LLC

By: 
Name: Marguerite M. Elias
Title: Executive Vice President, General
Counsel and Secretary

TRANSFeree:

GOGO BUSINESS AVIATION LLC

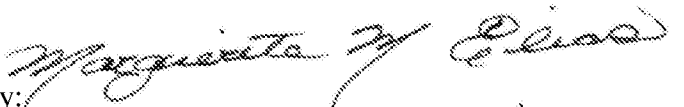
By: 
Name: Marguerite M. Elias
Title: Executive Vice President, General
Counsel and Secretary

Exhibit A

Trademarks

See attached.

Patents

See attached.

Additional Patents

See attached.

Copyrights

Gogo LLC Copyright Registrations

Country	Title	Author	Registration No.	Registration Date
US	Aircell cloud design	Gogo LLC	VA0001853407	12/13/2012
US	Gogo cloud design	Gogo LLC	VA0001853402	12/13/2012
China	Gogo logo	Gogo LLC	GUO ZUO DENG Z1-2017- F-00459725	05/27/2017

Domain Names

See attached.

Matter No.	Ctry Code	App. No.	Filed	Patent No.	Issue Date	Status
40000	US	10/241,723	9/11/2002	7,689,752	3/30/2010	Issued
40000A	US	12/707,070	2/17/2010	8,140,732	3/20/2012	Issued
40001	US	10/378,203	3/3/2003	8,032,135	10/4/2011	Issued
40001A	US	13/222,722	8/31/2011	8,700,032	4/15/2014	Issued
40013H	US	11/240,975	9/30/2005	7,640,016	12/29/2009	Issued
40019	US	11/590,379	10/31/2006	8,447,292	5/21/2013	Issued
40020	US	11/590,146	10/31/2006	8,145,208	3/27/2012	Issued
40021	US	11/590,709	10/31/2006	7,920,860	4/5/2011	Issued
40022	US	12/021,125	1/28/2008	8,078,163	12/13/2011	Issued
40023	US	12/021,133	1/28/2008	7,702,328	4/20/2010	Issued
40024	US	12/021,169	1/28/2008	8,068,829	11/29/2011	Issued
40025	US	12/029,298	2/11/2008	8,185,040	5/22/2012	Issued
40026	US	12/182,834	7/30/2008	8,060,083	11/15/2011	Issued
40027-CON1	US	14/340,921	7/25/2014	9,813,144	11/7/2017	Issued
40027-CON2	US	15/717,662	9/27/2017	10,200,111	2/5/2019	Issued
40030	US	12/060,662	4/1/2008	8,081,969	12/20/2011	Issued
40031	US	12/060,674	4/1/2008	8,081,968	12/20/2011	Issued
40032	US	12/137,995	6/12/2008	8,914,022	12/16/2014	Issued
40034	US	13/009,579	1/19/2011	8,457,627	6/4/2013	Issued
40035	US	13/009,687	1/19/2011	8,452,276	5/28/2013	Issued
40036	US	13/172,539	6/29/2011	8,442,519	5/14/2013	Issued
40039	US	13/544,742	7/9/2012	8,934,893	1/13/2015	Issued
40039-CON1	US	14/553,641	11/25/2014	9,287,999	3/15/2016	Issued
40039-CON3	US	15/873,179	1/17/2018	10,512,118	12/17/2019	Issued
40039-CON4	US	16/665,905	10/28/2019	--	--	Published
40040	US	13/588,903	8/17/2012	9,825,910	11/21/2017	Issued
47060	US	13/675,190	11/13/2012	9,088,613	7/21/2015	Issued
47060-CON1	US	15/853,106	12/22/2017	10,129,133	11/13/2018	Issued
47060-DIV1	US	14/797,461	7/13/2015	9,893,976	2/13/2018	Issued
47062	US	13/675,194	11/13/2012	9,087,193	7/21/2015	Issued
47062-DIV1	US	14/754,046	6/29/2015	9,971,889	5/15/2018	Issued
47062-DIV2	US	15/939,752	3/29/2018	--	--	Published
47063	US	13/675,200	11/13/2012	10,382,555	8/13/2019	Issued
47063-CON1	US	16/538,013	8/12/2019	--	--	Published
47064	US	13/799,869	3/13/2013	8,982,562	3/17/2015	Issued
47082	US	13/781,841	3/1/2013	9,147,065	9/29/2015	Issued
47323	US	14/177,863	2/11/2014	9,553,657	1/24/2017	Issued
47323-CON1	US	15/382,227	12/16/2016	10,680,315	6/9/2020	Issued
47323-CON2	US	15/412,666	1/23/2017	10,297,908	5/21/2019	Issued
47323-CON3	US	16/372,043	4/1/2019	--	--	Published
47323-CON4	US	16/868,321	5/6/2020	--	--	Published
47625	US	90/012,810	3/20/2013	--	--	Pending
47714	US	14/209,698	3/13/2014	9,608,321	3/28/2017	Issued
47714-CON	US	15/468,808	3/24/2017	--	--	Allowed
47736	US	14/224,859	3/25/2014	9,577,857	2/21/2017	Issued
47803	US	14/320,966	7/1/2014	9,384,081	7/5/2016	Issued
47804	US	14/320,970	7/1/2014	9,591,077	3/7/2017	Issued
47918	US	14/912,834	2/18/2016	9,490,892	11/8/2016	Issued
47945	US	14/307,228	6/17/2014	9,408,129	8/2/2016	Issued
47945-CON1	US	15/223,511	7/29/2016	10,014,930	7/3/2018	Issued
47945-CON2	US	15/965,245	4/27/2018	10,461,844	10/29/2019	Issued
47945-CON3	US	16/585,508	9/27/2019	--	--	Published
47946	US	14/225,050	3/25/2014	9,197,314	11/24/2015	Issued
47946-CON1	US	14/876,542	10/6/2015	9,634,753	4/25/2017	Issued
47946-CON2	US	15/459,709	3/15/2017	9,973,262	5/15/2018	Issued
47946-CON3	US	15/945,545	4/4/2018	10,205,509	2/12/2019	Issued
47947	US	14/309,342	6/19/2014	9,787,619	10/10/2017	Issued

47947-DIV1	US	15/703,523	9/13/2017	10,097,491	10/9/2018	Issued
48009	US	14/209,713	3/13/2014	9,564,681	2/7/2017	Issued
48010	US	14/291,562	5/30/2014	9,258,432	2/9/2016	Issued
48010-CON1	US	14/995,459	1/14/2016	9,794,815	10/17/2017	Issued
48011	US	14/225,017	3/25/2014	9,369,991	6/14/2016	Issued
48011-CON1	US	15/150,576	5/10/2016	9,591,462	3/7/2017	Issued
48012	US	14/225,077	3/25/2014	9,326,217	4/26/2016	Issued
48012-CON1	US	15/075,032	3/18/2016	9,900,823	2/20/2018	Issued
48040	US	14/291,558	5/30/2014	9,232,546	1/5/2016	Issued
48041	US	14/291,511	5/30/2014	9,467,828	10/11/2016	Issued
48041-CON1	US	15/261,381	9/9/2016	9,888,373	2/6/2018	Issued
48042	US	14/291,979	5/30/2014	9,655,073	5/16/2017	Issued
48046	US	14/291,878	5/30/2014	9,503,956	11/22/2016	Issued
48047	US	14/292,035	5/30/2014	9,716,542	7/25/2017	Issued
48047-DIV1	US	15/079,953	3/24/2016	9,960,835	5/1/2018	Issued
48134	US	14/267,563	5/1/2014	9,648,468	5/9/2017	Issued
48138	US	14/530,409	10/31/2014	9,426,650	8/23/2016	Issued
48138-CON1	US	15/222,219	7/28/2016	10,235,503	3/19/2019	Issued
48138-CON2	US	16/257,972	1/25/2019	--	--	Published
48139	US	14/530,423	10/31/2014	9,578,104	2/21/2017	Issued
48209	US	14/267,400	5/1/2014	9,712,668	7/18/2017	Issued
48677	US	14/312,413	6/23/2014	9,967,020	5/8/2018	Issued
49947	US	15/090,026	4/4/2016	10,148,759	12/4/2018	Issued
49947-CON1	US	16/175,291	10/30/2018	--	--	Allowed
49947-CON2	US	16/985,910	8/5/2020	--	--	Pending
50126	US	15/264,066	9/13/2016	10,523,524	12/31/2019	Issued
50281	US	15/092,844	4/7/2016	10,079,757	9/18/2018	Issued
50322	US	15/263,921	9/13/2016	10,491,531	11/26/2019	Issued
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50406	US	15/170,649	6/1/2016	10,298,692	5/21/2019	Issued
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50611	US	15/264,193	9/13/2016	10,511,680	12/17/2019	Issued
50664	US	15/202,727	7/6/2016	10,028,244	7/17/2018	Issued
50671	US	15/278,385	9/28/2016	10,200,424	2/5/2019	Issued
50820	US	15/228,209	8/4/2016	10,270,519	4/23/2019	Issued
50820-CON1	US	16/355,071	3/15/2019	10,623,087	4/14/2020	Issued
50851	US	15/622,409	6/14/2017	--	--	Allowed
50915	US	15/251,078	8/30/2016	10,211,530	2/19/2019	Issued
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50990	US	15/352,255	11/15/2016	9,954,600	4/24/2018	Issued
50990-CON1	US	15/900,282	2/20/2018	10,044,433	8/7/2018	Issued
50990-CON2	US	16/033,789	7/12/2018	10,200,112	2/5/2019	Issued
51525	US	15/452,402	3/7/2017	10,159,050	12/18/2018	Issued
51525-CON1	US	16/193,937	11/16/2018	10,362,543	7/23/2019	Issued
51525-CON2	US	16/440,028	6/13/2019	10,631,255	4/21/2020	Issued
51525-CON3	US	16/814,672	3/10/2020	--	--	Published
51525-DIV1	US	15/900,119	2/20/2018	10,034,250	7/24/2018	Issued
51530	US	15/642,544	7/6/2017	10,084,493	9/25/2018	Issued
51530-CON1	US	16/139,544	9/24/2018	10,461,788	10/29/2019	Issued
51530-CON2	US	16/665,450	10/28/2019	10,680,665	6/9/2020	Issued
51820	US	15/675,381	8/11/2017	--	--	Published
51854	US	15/844,020	12/15/2017	10,158,420	12/18/2018	Issued
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51854-CON2	US	16/537,890	8/12/2019	10,574,340	2/25/2020	Issued
51854-CON3	US	16/746,015	1/17/2020	--	--	Published
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52016	US	15/659,042	7/25/2017	10,370,116	8/6/2019	Issued
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52737	US	16/263,814	1/31/2019	10,608,760	3/31/2020	Issued
52737-CON1	US	16/804,647	2/28/2020	--	--	Published
53090	US	16/053,374	8/2/2018	--	--	Published
53091	US	16/200,920	11/27/2018	--	--	Published
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53960	US	16/364,295	3/26/2019	10,693,557	6/23/2020	Issued
54014	US	16/656,932	10/18/2019	--	--	Pending
54296	US	16/865,722	5/4/2020	--	--	Pending
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54358P	US	62/913,539	10/10/2019	--	--	Pending
54782P	US	62/970,443	2/5/2020	--	--	Pending
55605P	US	63/006,913	4/8/2020	--	--	Pending
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53090	PC	PCT/US19/44815	8/2/2019	--	--	Published
53091	PC	PCT/US19/61300	11/13/2019	--	--	Published
53180	PC	PCT/US20/17577	2/11/2020	--	--	Published
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40013E	MX	PA/A/2006/006441	11/23/2004	264450	2/9/2009	Issued
40013G	MX	PA/A/2006/008010	1/6/2005	264769	2/26/2009	Issued
40019	MX	MX/A/2009/004818	9/17/2007	330774	4/16/2015	Issued
40020	MX	MX/A/2009/004812	9/17/2007	321477	10/17/2013	Issued
40021	MX	MX/A/2009/004816	9/17/2007	299119	5/11/2012	Issued
40036	MX	MX/A/2014/000349	6/26/2012	340960	2/3/2016	Issued
40040	MX	MX/A/2015/002114	8/8/2013	351350	10/11/2017	Issued
40019	JP	2009-535374	9/17/2007	4966380	4/6/2012	Issued
40021	JP	2009-535376	9/17/2007	4891409	12/22/2011	Issued
40034	JP	2013-550481	12/30/2011	5989672	8/19/2016	Issued
40034-DIV1	JP	2016-157107	12/30/2011	6434460	11/16/2018	Issued
40036	JP	2014-518931	6/26/2012	5946528	6/10/2016	Issued
40040	JP	2015-527492	8/8/2013	--	--	Published
40040-DIV1	JP	2018-138667	8/8/2013	6629928	12/13/2019	Issued
47082	JP	2015-560184	1/31/2014	6190897	8/10/2017	Issued
47323	JP	2015-557206	2/11/2014	6313340	3/30/2018	Issued
47323-DIV1	JP	2018-055094	2/11/2014	--	--	Published
47736	JP	2016-528905	11/10/2014	6271009	1/12/2018	Issued
47945	JP	2016-572831	6/17/2015	6410849	10/5/2018	Issued
47946	JP	2016-528909	11/10/2014	6359654	6/29/2018	Issued
47947	JP	2016-528847	11/10/2014	6197114	8/25/2017	Issued
47947-DIV1	JP	2017-158696	11/10/2014	6518295	4/26/2019	Issued
48009	JP	2016-553257	11/10/2014	6320549	4/13/2018	Issued
48011	JP	2016-528198	11/10/2014	6050557	12/2/2016	Issued
48011-DIV1	JP	2016-228288	11/10/2014	6437507	11/22/2018	Issued
48012	JP	2016-528199	11/10/2014	6050558	12/2/2016	Issued
48012-DIV1	JP	2016-228302	11/10/2014	6666233	2/25/2020	Issued
48012-DIV2	JP	2020-027423	11/10/2014	--	--	Published
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40021	IN	2970/CHENP/2009	9/17/2007	313946	6/10/2019	Issued
40022	IN	5230/CHENP/2010	11/18/2008	--	--	Pending
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40024	IN	5236/CHENP/2010	11/18/2008	--	--	Pending
40025	IN	5558/CHENP/2010	2/9/2009	313742	6/4/2019	Issued
40026	IN	1232/CHENP/2011	5/5/2009	323577	10/24/2019	Issued
40027	IN	6864/CHENP/2010	3/5/2009	314506	6/24/2019	Issued

40030	IN	6874/CHENP/2010	3/5/2009	290399	12/8/2017	Issued
40031	IN	6866/CHENP/2010	3/5/2009	325195	11/18/2019	Issued
40032	IN	153/CHENP/2011	3/30/2009	335104	3/18/2020	Issued
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40039	IN	787/CHENP/2015	5/6/2013	--	--	Published
40040	IN	1505/CHENP/2015	8/8/2013	--	--	Published
40019	HK	10102028.0	9/17/2007	1136138	5/12/2017	Issued
40021	HK	10102024.4	9/17/2007	1136137	12/22/2017	Issued
40022A	HK	16114517.7	11/18/2008	1226219	1/24/2020	Issued
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40026-DIV1	HK	18101253.0	5/5/2009	--	--	Published
40026-DIV2	HK	17107875.6	5/5/2009	1234249	1/3/2020	Issued
40031-DIV1	HK	18102467.0	3/5/2009	--	--	Published
40032-DIV1	HK	18101251.2	3/30/2009	--	--	Published
40034	HK	14104275.2	12/30/2011	1191145	8/11/2017	Issued
40036DIV	HK	18101256.7	6/26/2012	--	--	Published
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47060-DIV1	HK	18103252.7	11/12/2013	--	--	Published
47062-DIV1	HK	42020004218.2	11/12/2013	--	--	Pending
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47736-DIV1	HK	18106352.9	11/10/2014	--	--	Published
47918-DIV1	HK	18103346.5	8/14/2014	--	--	Published
47945	HK	17108295.6	6/17/2015	--	--	Published
47946	HK	17101123.9	11/10/2014	1227567	6/14/2019	Issued
47946-DIV1	HK	19123210.7	11/10/2014	--	--	Published
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48046	HK	17108294.7	5/29/2015	--	--	Published
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50406	HK	19128671.5	4/20/2017	--	--	Published
50664	HK	19131411.1	6/9/2017	--	--	Published
50671	HK	19133254.3	9/26/2017	--	--	Published
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50851	HK	62020015406.5	6/5/2018	--	--	Pending
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40023	GB	8871809.3	11/18/2008	2248037	8/22/2018	Issued
40026	GB	9803303.8	5/5/2009	2311275	11/23/2016	Issued
40026-DIV1	GB	16193837.8	5/5/2009	3139641	12/5/2018	Issued
40031	GB	9758821.4	3/5/2009	2269325	5/3/2017	Issued
40031-DIV1	GB	17169040.7	3/5/2009	3220555	9/2/2020	Issued
40032	GB	9763028.9	3/30/2009	2292071	3/4/2020	Issued
40036	GB	12730774.2	6/26/2012	2727260	11/20/2019	Issued
40040	GB	13829974.8	8/8/2013	2885716	3/18/2020	Issued
47060	GB	13799149.3	11/12/2013	2920941	1/1/2020	Issued

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47063	GB	13801918.7	11/12/2013	2920893	11/7/2018	Issued
47063-DIV1	GB	17174236.4	11/12/2013	3240206	4/15/2020	Issued
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47736	GB	14802779.0	11/10/2014	3066764	8/16/2017	Issued
47918	GB	14758046.8	8/14/2014	3036963	6/7/2017	Issued
47918-DIV1	GB	17174245.5	8/14/2014	3236707	12/18/2019	Issued
47945	GB	15733591.0	6/17/2015	3158661	2/6/2019	Issued
47946	GB	14835641.3	11/10/2014	3066769	8/22/2018	Issued
47947	GB	14808757.0	11/10/2014	3066766	9/20/2017	Issued
48009	GB	14802775.8	11/10/2014	3069409	4/8/2020	Issued
48011	GB	14808758.8	11/10/2014	3066767	7/5/2017	Issued
48011-DIV1	GB	17174240.6	11/10/2014	3232586	5/20/2020	Issued
48012	GB	14803306.1	11/10/2014	3066765	5/31/2017	Issued
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48677	GB	14808760.4	11/10/2014	3066768	11/1/2017	Issued
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40040	FR	13829974.8	8/8/2013	2885716	3/18/2020	Issued
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47060-DIV1	FR	17174246.3	11/12/2013	3232644	1/1/2020	Issued
47062	FR	13799148.5	11/12/2013	2920739	1/1/2020	Issued
47063	FR	13801918.7	11/12/2013	2920893	11/7/2018	Issued
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47736	FR	14802779.0	11/10/2014	3066764	8/16/2017	Issued
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47918-DIV1	FR	17174245.5	8/14/2014	3236707	12/18/2019	Issued
47945	FR	15733591.0	6/17/2015	3158661	2/6/2019	Issued
47946	FR	14835641.3	11/10/2014	3066769	8/22/2018	Issued
47947	FR	14808757.0	11/10/2014	3066766	9/20/2017	Issued
48009	FR	14802775.8	11/10/2014	3069409	4/8/2020	Issued
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48011-DIV1	FR	17174240.6	11/10/2014	3232586	5/20/2020	Issued
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48042	FR	15729663.3	5/29/2015	3149979	9/19/2018	Issued
48677	FR	14808760.4	11/10/2014	3066768	11/1/2017	Issued
50406	FR	17722239.5	4/20/2017	3466018	7/15/2020	Issued
50915	FR	17737688.6	6/28/2017	3479498	4/15/2020	Issued
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40021	EP	07842612.9	9/17/2007	2078431	4/15/2015	Issued
40023	EP	08871809.3	11/18/2008	2248037	8/22/2018	Issued
40025	EP	09710306.3	2/9/2009	--	--	Published
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40027	EP	09727854.3	3/5/2009	2260649	6/25/2014	Issued
40030	EP	09758820.6	3/5/2009	2260585	12/17/2014	Issued
40031	EP	09758821.4	3/5/2009	2269325	5/3/2017	Issued
40031-DIV1	EP	17169040.7	3/5/2009	3220555	9/2/2020	Issued
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47060-DIV1	EP	17174246.3	11/12/2013	3232644	1/1/2020	Issued
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47918-DIV1	EP	17174245.5	8/14/2014	3236707	12/18/2019	Issued
47918-DIV2	EP	19215743.6	8/14/2014	--	--	Published
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47946	EP	14835641.3	11/10/2014	3066769	8/22/2018	Issued
47946-DIV1	EP	18189553.3	11/10/2014	--	--	Published
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48011	EP	14808758.8	11/10/2014	3066767	7/5/2017	Issued
48011-DIV1	EP	17174240.6	11/10/2014	3232586	5/20/2020	Issued
48012	EP	14803306.1	11/10/2014	3066765	5/31/2017	Issued
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48677	EP	14808760.4	11/10/2014	3066768	11/1/2017	Issued
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50406	EP	17722239.5	4/20/2017	3466018	7/15/2020	Issued
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50664	EP	17739755.1	6/9/2017	--	--	Published
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50820	EP	17752214.1	7/28/2017	--	--	Published
50851	EP	18735453.5	6/5/2018	--	--	Published
50915	EP	17737688.6	6/28/2017	3479498	4/15/2020	Issued
50990	EP	17737973.2	6/28/2017	--	--	Published
51525	EP	17737972.4	6/28/2017	--	--	Allowed
51530	EP	18747064.6	7/3/2018	--	--	Published
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40026	DE	9803303.8	5/5/2009	602009042664.8	11/23/2016	Issued
40026-DIV1	DE	16193837.8	5/5/2009	602009056133.2	12/5/2018	Issued
40027	DE	9727854.3	3/5/2009	602009024908.8	6/25/2014	Issued
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40031-DIV1	DE	17169040.7	3/5/2009	602009062730.9	9/2/2020	Issued
40032	DE	9763028.9	3/30/2009	602009061354.5	3/4/2020	Issued
40036	DE	12730774.2	6/26/2012	602012065815.0	11/20/2019	Issued
40040	DE	13829974.8	8/8/2013	602013067019.6	3/18/2020	Issued
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47060-DIV1	DE	17174246.3	11/12/2013	602013064761.5	1/1/2020	Issued
47062	DE	13799148.5	11/12/2013	602013064659.7	1/1/2020	Issued
47063	DE	13801918.7	11/12/2013	602013046392.1	11/7/2018	Issued
47063-DIV1	DE	17174236.4	11/12/2013	602013068073.6	4/15/2020	Issued

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47918-DIV1	DE	17174245.5	8/14/2014	602014058793.3	12/18/2019	Issued
47945	DE	15733591.0	6/17/2015	602015024358.7	2/6/2019	Issued
47946	DE	14835641.3	11/10/2014	3066769	8/22/2018	Issued
47947	DE	14808757.0	11/10/2014	602014014905.7	9/20/2017	Issued
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48011	DE	14808758.8	11/10/2014	602014011589.6	7/5/2017	Issued
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48677	DE	14808760.4	11/10/2014	602014016726.8	11/1/2017	Issued
50406	DE	17722239.5	4/20/2017	602017019812.9	7/15/2020	Issued
50915	DE	17737688.6	6/28/2017	602017014881.4	4/15/2020	Issued
40013E	CN	200480041374.2	11/23/2004	200480041374.2	1/20/2016	Issued
40019	CN	200780040582.4	9/17/2007	200780040582.4	3/30/2016	Issued
40020	CN	200780040683.1	9/17/2007	200780040683.1	5/8/2013	Issued
40021	CN	200780040626.3	9/17/2007	200780040626.3	10/5/2016	Issued
40021-DIV	CN	201610755327.9	9/17/2007	L201610755327.9	4/21/2020	Issued
40022	CN	200880125769.9	11/18/2008	200880125769.9	1/6/2016	Issued
40022A	CN	201610021002.8	11/18/2008	L201610021002.8	12/14/2018	Issued
40023	CN	200880125770.1	11/18/2008	200880125770.1	11/12/2014	Issued
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40026-DIV1	CN	201610943670.6	5/5/2009	--	--	Published
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40031	CN	200980118267.8	3/5/2009	200980118267.8	2/18/2015	Issued
40031-DIV1	CN	201410557830.4	3/5/2009	201410557830.4	4/27/2018	Issued
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40032-DIV1	CN	201710040070.3	3/30/2009	L201710040070.3	8/11/2020	Issued
40034	CN	201180065500.8	12/30/2011	201180065500.8	6/1/2016	Issued
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47323	CN	201480012274.0	2/11/2014	L201480012274.0	4/23/2019	Issued
47323-DIV1	CN	201910256891.X	2/11/2014	--	--	Published
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47918	CN	201480046385.3	8/14/2014	L201480046385.3	12/13/2019	Issued
47945	CN	201580032876.7	6/17/2015	L201580032876.7	3/6/2020	Issued
47945-DIV1	CN	202010086070.9	6/17/2015	--	--	Published
47946	CN	201480068190.9	11/10/2014	L201480068190.9	8/16/2019	Issued
47946-DIV1	CN	201910659727.3	11/10/2014	--	--	Published
47947	CN	201480072678.9	11/10/2014	201480072678.9	1/16/2018	Issued
48009	CN	201480061707.1	11/10/2014	L201480061707.1	6/21/2019	Issued
48010	CN	201580039155.9	5/29/2015	--	--	Published
48011	CN	201480061080.X	11/10/2014	201480061080.X	8/14/2018	Issued
48011-DIV1	CN	201810797043.5	11/10/2014	--	--	Published
48012	CN	201480061088.6	11/10/2014	L201480061088.6	2/18/2020	Issued
48012-DIV1	CN	202010068705.2	11/10/2014	--	--	Published
48042	CN	201580028990.2	5/29/2015	--	--	Allowed
48046	CN	201580040965.6	5/29/2015	L201580040965.6	2/7/2020	Issued
48677	CN	201480072544.7	11/10/2014	L201480072544.7	2/12/2019	Issued

50126	CN	201780055931.3	9/13/2017	--	--	Published
50282	CN	201780021066.0	4/6/2017	--	--	Published
50406	CN	201780047900.3	4/20/2017	--	--	Published
50664	CN	201780041859.9	6/9/2017	--	--	Published
50671	CN	201780059644.X	9/26/2017	--	--	Published
50820	CN	201780061521.X	7/28/2017	--	--	Published
50851	CN	201880039477.7	6/5/2018	--	--	Published
50915	CN	201780053289.5	6/28/2017	--	--	Published
50990	CN	201780054023.2	6/28/2017	--	--	Published
51525	CN	201780054019.6	6/28/2017	--	--	Published
51530	CN	201880045126.7	7/3/2018	--	--	Published
40019	CA	2667331	9/17/2007	2667331	11/5/2013	Issued
40020	CA	2667370	9/17/2007	2667370	12/4/2012	Issued
40026	CA	2732745	5/5/2009	2732745	2/9/2016	Issued
40030	CA	2720239	3/5/2009	2720239	11/24/2015	Issued
40031	CA	2720246	3/5/2009	2720246	7/26/2016	Issued
40032	CA	2727609	3/30/2009	2727609	11/8/2016	Issued
40034	CA	2824356	12/30/2011	2824356	8/23/2016	Issued
40036	CA	2840555	6/26/2012	2840555	8/2/2016	Issued
40039	CA	2881518	5/6/2013	2881518	4/28/2020	Issued
40040	CA	2881837	8/8/2013	--	--	Pending
50406	CA	3026114	4/20/2017	--	--	Pending
40036	BR	BR112013033163-1	6/26/2012	--	--	Published
40040	BR	BR112015003416-0	8/8/2013	--	--	Pending
50406	BR	BR112018074939-7	4/20/2017	--	--	Pending
40013E	AU	2004304908	11/23/2004	2004304908	3/19/2009	Issued
40013EDIV	AU	2008246257	11/23/2004	2008246257	2/2/2012	Issued
40019	AU	2007313939	9/17/2007	2007313939	10/27/2011	Issued
40020	AU	2007313940	9/17/2007	2007313940	10/20/2011	Issued
40021	AU	2007313941	9/17/2007	2007313941	12/15/2011	Issued
40026	AU	2009277061	5/5/2009	2009277061	10/15/2015	Issued
40027	AU	2009232230	3/5/2009	2009232230	5/1/2014	Issued
40030	AU	2009255573	3/5/2009	2009255573	3/27/2014	Issued
40031	AU	2009255574	3/5/2009	2009255574	3/13/2014	Issued
40034	AU	2011355641	12/30/2011	2011355641	1/14/2016	Issued
40036	AU	2012275498	6/26/2012	2012275498	1/5/2017	Issued
40036DIV	AU	2016259386	6/26/2012	2016259386	12/13/2018	Issued
40039	AU	2013289121	5/6/2013	2013289121	11/2/2017	Issued
40040	AU	2013303029	8/8/2013	2013303029	2/28/2019	Issued
47945	AU	2015277297	6/17/2015	2015277297	10/11/2019	Issued
48010	AU	2015266753	5/29/2015	--	--	Pending
48011	AU	2014346521	11/10/2014	2014346521	9/14/2017	Issued
48011-DIV1	AU	2017203203	11/10/2014	2017203203	9/20/2018	Issued
48012	AU	2014346524	11/10/2014	2014346524	1/5/2017	Issued
48042	AU	2015266674	5/29/2015	2015266674	11/7/2019	Issued
50282	AU	2017246449	4/6/2017	--	--	Pending
50406	AU	2017274279	4/20/2017	--	--	Pending
50990	AU	2017291705	6/28/2017	--	--	Pending
51525	AU	2017291704	6/28/2017	--	--	Pending

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