

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

EPAS ID: PAT6203258

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
CREE, INC.	05/13/2019
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	IDEAL INDUSTRIES LIGHTING LLC
<b>Street Address:</b>	1375 PARK AVENUE
<b>City:</b>	SYCAMORE
<b>State/Country:</b>	ILLINOIS
<b>Postal Code:</b>	60178
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	16930533
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(919)854-2084
<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>	
<b>Phone:</b>	9198541844
<b>Email:</b>	uspto-assignments@coatsandbennett.com
<b>Correspondent Name:</b>	COATS & BENNETT, PLLC
<b>Address Line 1:</b>	1400 CRESCENT GREEN
<b>Address Line 2:</b>	SUITE 300
<b>Address Line 4:</b>	CARY, NORTH CAROLINA 27518-0000
<b>ATTORNEY DOCKET NUMBER:</b>	5600-1122 / P2752US3_2
<b>NAME OF SUBMITTER:</b>	WILLIAM G. PAGÁN
<b>SIGNATURE:</b>	/William G. Pagán, Reg. No. 67192/
<b>DATE SIGNED:</b>	07/16/2020
<b>Total Attachments: 202</b>	
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**PATENT ASSIGNMENT AGREEMENT**

This Patent Assignment Agreement (“**Assignment**”) is made by and between Cree, Inc., a North Carolina corporation having its principal offices at 4600 Silicon Drive, Durham, North Carolina 27703, USA (“**Assignor**”), and IDEAL INDUSTRIES LIGHTING LLC, a Delaware limited liability company having its principal offices at 1375 Park Avenue, Sycamore, Illinois 60178, USA (“**Assignee**”), as of the date set forth below.

WHEREAS, Assignor is selling to IDEAL Industries, Inc., of which Assignee is a wholly-owned subsidiary, contemporaneously with the execution and delivery of this Assignment at a closing on the date hereof, the Acquired Assets (as defined in the Purchase Agreement) pursuant to the Asset Purchase Agreement dated as of March 14, 2019, between IDEAL Industries, Inc. and Assignor (the “**Purchase Agreement**”) and the Intellectual Property Assignment and License Agreement dated as of the date hereof, among IDEAL Industries, Inc. (together with certain designated Affiliates thereunder, including Assignee) and Assignor (the “**IPALA**”), providing for, among other things, the sale to Assignee or an Affiliate of Assignee by Assignor of all of Assignor’s right, title and interest in and to the Assigned Patents (as set forth below);

WHEREAS, the term “**Patents**” means all United States, international and foreign patents, utility models, industrial rights and applications therefor, and all reissues, reexaminations, divisions, divisionals, renewals, extensions, provisionals, continuations and continuations-in-part thereof, and all patents, applications, registrations and filings claiming priority to or serving as a basis for priority thereof;

WHEREAS, the term “**Assigned Patents**” means (a) the patents and patent applications identified on Exhibit A; (b) any and all Patents, where U.S. or non-U.S., issuing on or arising from Patents included in (a); (c) all Patents claiming priority to, or that are claimed priority by, any of the Patents covered by (a) or (b) above; (d) with respect to all of the foregoing, all renewals, reissues, extensions (or other governmental actions that provide exclusive rights to the owner thereof in the patented subject matter beyond the original expiration date), substitutions, confirmations, registrations, revalidations, reexaminations, additions, continuations, continued prosecutions, requests for continuing examinations, continuing prosecution applications, continuations-in-part, and divisions of or to any of the foregoing, and all results of oppositions, reexaminations, supplemental examinations, and other review procedures (including ex parte reexamination, inter partes review, post grant review, and covered business method (CBM) review), and all Patents issuing on or arising from any of the foregoing, and all foreign counterparts of any of the foregoing; and (e) all registrations of any of the foregoing including supplementary protection certificates or the equivalent thereof in any and all countries;

WHEREAS, Assignee is desirous of acquiring all of Assignor’s right, title and interest in and to the Assigned Patents;

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, Assignor does hereby unconditionally and irrevocably sell, assign, transfer, convey and deliver to Assignee, free and clear of all liens, encumbrances, rights and claims of any third party except for such permitted liens and encumbrances as expressly provided in the Purchase Agreement, IPALA, and other agreements entered into pursuant thereto, Assignor’s entire right, title and interest in and to all of the following, throughout the world, whether existing now or in the future:

- (a) the Assigned Patents;

(b) all inventions described in any of the Assigned Patents that (i) are included in any claim in the Assigned Patents, and/or (ii) are subject matter capable of being reduced to a patent claim in a reissue or reexamination proceeding brought on any of the Assigned Patents, and/or (iii) are disclosed in an enabling manner in any of the Assigned Patents;

(c) all rights to apply for, file prosecute, register, maintain, extend and renew, in any and all countries of the world (i) Patents and other governmental grants or issuances of any type that claim any of the inventions described in (b), and (ii) the Assigned Patents;

(d) to the extent they exist, any and all remedies, claims, causes of action and other enforcement rights of any kind (whether known or unknown or whether currently pending, filed, or otherwise, and whether accrued or accruing in the past, present or future) under, pursuant to, or on account of, any of the Assigned Patents and/or the rights described in (b) and/or (c), including all causes of action and other enforcement rights for (i) all past, current, and future damages, (ii) injunctive relief, and (iii) any other remedies of any kind for past, current, and future infringement; and

(e) any and all other rights associated with the Assigned Patents not expressly set forth herein

Assignor also hereby authorizes the respective patent office or governmental agency in each jurisdiction to issue any and all patents or certificates of invention which may be granted upon any of the Assigned Patents in the name of Assignee, as the assignee of the entire interest therein.

CREE, INC.

IDEAL INDUSTRIES LIGHTING LLC

By: 

By: \_\_\_\_\_

Name: Neill Reynolds

Name: Kevin Lamb

Title: EVP and Chief Financial Officer

Title: Manager

Date: May 13, 2019

Date: May 13, 2019



(b) all inventions described in any of the Assigned Patents that (i) are included in any claim in the Assigned Patents, and/or (ii) are subject matter capable of being reduced to a patent claim in a reissue or reexamination proceeding brought on any of the Assigned Patents, and/or (iii) are disclosed in an enabling manner in any of the Assigned Patents;

(c) all rights to apply for, file prosecute, register, maintain, extend and renew, in any and all countries of the world (i) Patents and other governmental grants or issuances of any type that claim any of the inventions described in (b), and (ii) the Assigned Patents;

(d) to the extent they exist, any and all remedies, claims, causes of action and other enforcement rights of any kind (whether known or unknown or whether currently pending, filed, or otherwise, and whether accrued or accruing in the past, present or future) under, pursuant to, or on account of, any of the Assigned Patents and/or the rights described in (b) and/or (c), including all causes of action and other enforcement rights for (i) all past, current, and future damages, (ii) injunctive relief, and (iii) any other remedies of any kind for past, current, and future infringement; and

(e) any and all other rights associated with the Assigned Patents not expressly set forth herein

Assignor also hereby authorizes the respective patent office or governmental agency in each jurisdiction to issue any and all patents or certificates of invention which may be granted upon any of the Assigned Patents in the name of Assignee, as the assignee of the entire interest therein.

CREE, INC.

IDEAL INDUSTRIES LIGHTING LLC

By: \_\_\_\_\_

By:  \_\_\_\_\_

Name: Neill Reynolds

Name: Kevin Lamb

Title: EVP and Chief Financial Officer

Title: Manager

Date: May 13, 2019

Date: May 13, 2019

**CONFIDENTIAL**

**EXHIBIT A**  
**ASSIGNED PATENTS**

**PATENT**  
**REEL: 053226 FRAME: 0284**

Assigned Patents and Assigned Abandoned Patents

**U.S. Issued Patents:**

Country	Filing Type	Current Status	Filing Date	Serial Number	Publication	Publication Number	Grant Date	Grant Number	Expiry Date (Date)
US	National Patent	Grant	22 Oct 2002	10/277,845	22 Apr 2004	US 2004/0075399	07 Mar 2006	7,009,199	22 Oct 2022
US	National Patent	Grant	10 May 2006	11/431,304	29 Nov 2007	US2007-0274667-A1	28 Sep 2010	7,805,048	23 May 2026
US	National Patent	Grant	23 Dec 2004	11/022,332	29 Jun 2006	US2006/0139945	29 Jan 2008	7,322,732	23 Dec 2024
US	Reissue	Grant	28 Jan 2010	12/696,050			09 Aug 2011	RE42598	23 Dec 2024
US	Reissue	Grant	27 Jun 2011	13/169,359			10 Nov 2015	RE45,796	23 Dec 2024
US	National Patent	Grant	04 Apr 2005	11/098,085	05 Oct 2006	US2006-0221044-A1	15 Apr 2008	7,358,954	04 Apr 2025
US	National Patent	Grant	14 Jun 2005	11/153,724	14 Dec 2006	US 2006/0279962	19 Jul 2011	7,980,743	14 Jun 2025
US	Continuation	Grant	01 Jul 2011	13/175,600	27 Oct 2011	US 2011/0261554	13 Nov 2012	8,308,331	14 Jun 2025
US	National Patent	Grant	14 Feb 2006	11/353,583	16 Aug 2007	US2007-0188484	09 Feb 2010	7,658,527	12 Dec 2028
US	National Patent	Grant	06 Mar 2006	11/368,976	24 May 2007	US2007-0115662	19 Apr 2011	7,926,300	25 Apr 2027
US	Continuation-in-Part	Grant	17 Nov 2006	11/601,410	20 Sep 2007	2007-0216704	02 Oct 2012	8,278,846	02 Jan 2030

Country	Filing Type	Current Status	Filing Date	Serial Number	Publication	Publication Number	Grant Date	Grant Number	Expiry Date (Date)
US	Continuation-in-Part	Grant	21 May 2007	11/751,364	20 Sep 2007	2007-0216704	20 Aug 2013	8,514,210	14 Feb 2029
US	National Patent	Grant	17 Nov 2006	11/601,500	24 May 2007	2007-0115671	14 Jun 2011	7,959,325	25 Mar 2030
US	Continuation	Grant	31 May 2011	13/149,212	22 Sep 2011	US-2011-0228530-A1	15 Oct 2013	8,556,464	24 Feb 2027
US	National Patent	Grant	11 Oct 2006	11/548,357	17 Apr 2008	2008-0089069 A1	14 Sep 2010	7,794,114	11 Oct 2026
US	National Patent	Grant	21 Apr 2006	11/408,648	25 Oct 2007	US2007-0247414-A1	17 Aug 2010	7,777,166	13 Mar 2027
US	Continuation	Grant	05 Aug 2010	12/851,026	25 Nov 2010	US-2010-0294913-A1	23 Oct 2012	8,294,075	21 Apr 2026
US	Continuation	Grant	22 Oct 2012	13/657,141			03 Feb 2015	8,946,609	21 Apr 2026
US	Continuation	Grant	02 Feb 2015	14/611,800			28 Mar 2017	9,605,835	21 Apr 2026
US	National Patent	Grant	21 Apr 2006	11/408,767	15 Nov 2007	US2007-0262337-A1	01 Dec 2009	7,625,103	30 Aug 2027
US	National Patent	Grant	29 Jul 2007	11/829,912	29 Jan 2009	US 2009/0027588	18 Jan 2011	7,872,705	11 Jun 2028
US	National Patent Divisional	Grant	03 Jan 2011	12/983,684	28 Apr 2011	US 2011/0096263	22 Oct 2013	8,564,739	29 Jul 2027
US	Continuation	Grant	15 Jul 2011	13/184,102	10 Nov 2011	US 2011/0273645	22 Oct 2013	8,564,742	29 Jul 2027
US	National Patent Divisional	Grant	09 Sep 2011	13/228,580	29 Dec 2011	US 2011/0317093	22 Oct 2013	8,564,737	29 Jul 2027

Country	Filing Type	Current Status	Filing Date	Serial Number	Publication	Publication Number	Grant Date	Grant Number	Expiry Date (Date)
US	Continuation	Grant	18 Sep 2013	14/030,224	03 Apr 2014	US 2014/0091332	24 Nov 2015	9,195,095	29 Jul 2027
US	Continuation	Grant	24 Aug 2011	13/216,434	15 Dec 2011	US-2011-0305001-A1	22 Dec 2015	9,217,553	23 Jan 2028
US	Continuation-in-Part	Grant	12 Mar 2008	12/046,549	01 Jan 2009	US2009-0002986-A1	25 Oct 2011	8,042,971	24 Oct 2028
US	National Patent Divisional	Grant	13 Jun 2011	13/158,685	06 Oct 2011	US-2011-0242809 A1	03 Jul 2012	8,210,717	30 Oct 2027
US	National Patent	Grant	16 Mar 2007	11/687,160	18 Sep 2008	US2008-0225553	06 Apr 2010	7,690,812	21 Feb 2028
US	National Patent	Grant	16 Mar 2007	11/687,165	18 Sep 2008	US2008-0225512	18 Feb 2014	8,651,685	23 Aug 2027
US	National Patent	Grant	08 May 2007	11/745,713	13 Nov 2008	US2008-0278097	01 Nov 2011	8,049,709	31 Aug 2030
US	Continuation	Grant	11 Oct 2011	13/270,387	02 Feb 2012	US-2012-0025723	11 Dec 2012	8,330,710	08 May 2027
US	National Patent	Grant	14 Feb 2007	11/674,855	14 Aug 2008	US2008-0191643	04 Jun 2013	8,456,388	08 Nov 2029
US	National Patent	Grant	17 Nov 2006	11/601,504	24 May 2007	US2007-0115248	18 Jan 2011	7,872,430	18 Nov 2029
US	National Patent Divisional	Grant	23 Dec 2010	12/977,422	02 Jun 2011	US-2011-0127917-A1	19 Jun 2012	8,203,286	17 Nov 2026
US	Continuation	Grant	11 May 2012	13/469,188	20 Sep 2012	US-2012-0235575-A1	11 Jun 2013	8,461,776	17 Nov 2026
US	Continuation	Grant	17 May 2013	13/896,977	26 Sep 2013	US2013-0249408 A1	27 Jan 2015	8,941,331	17 Nov 2026

Country	Filing Type	Current Status	Filing Date	Serial Number	Publication	Publication Number	Grant Date	Grant Number	Expiry Date (Date)
US	National Patent	Grant	22 Mar 2007	11/689,872	03 Jan 2008	US 2008/0002399	14 Feb 2012	8,113,687	22 Mar 2027
US	National Patent	Grant	13 Apr 2007	11/786,907	16 Oct 2008	US2008-0252229	07 Sep 2010	7,791,285	29 Jun 2029
US	National Patent	Grant	12 Sep 2006	11/519,058	13 Mar 2008	US 2008/0062691	03 Aug 2010	7,766,508	12 Sep 2026
US	Continuation-in-Part	Grant	22 Mar 2007	11/689,875	13 Mar 2008	US 2008/0062689	23 Feb 2010	7,665,862	08 Feb 2027
US	Continuation	Grant	22 Feb 2010	12/710,079	26 Aug 2010	US 2010/0214780	21 Feb 2012	8,118,450	03 Oct 2026
US	National Patent Divisional	Grant	02 Aug 2010	12/848,884	25 Nov 2010	US 2010/0296289	02 Apr 2013	8,408,739	12 Sep 2026
US	Continuation	Grant	10 Feb 2012	13/371,214	26 Jul 2012	US 2012/0188757	11 Feb 2014	8,646,944	12 Sep 2026
US	Continuation	Grant	18 Nov 2013	14/082,932	22 May 2014	US 2014/0140052	07 Feb 2017	9,562,655	12 Sep 2026
US	National Patent	Grant	22 Mar 2007	11/689,614	25 Sep 2008	US 2008/0231201	02 Nov 2010	7,824,070	04 Jul 2028
US	Continuation	Grant	25 Oct 2010	12/911,204	24 Mar 2011	US 2011/0069488	15 Dec 2015	9,212,808	22 Mar 2027
US	National Patent	Grant	21 Dec 2006	11/614,261	05 Jun 2008	US2008-0130275	23 Jun 2009	7,549,786	21 Dec 2026
US	Continuation	Grant	30 Apr 2009	12/432,820	20 Aug 2009	US2009-0207609-A1	29 Jun 2010	7,744,266	21 Dec 2026
US	National Patent	Grant	25 Sep 2007	11/903,806	26 Mar 2009	US 2009/0080185	28 Sep 2010	7,802,901	25 Sep 2027

Country	Filing Type	Current Status	Filing Date	Serial Number	Publication	Publication Number	Grant Date	Grant Number	Expiry Date (Date)
US	Continuation	Grant	22 Sep 2010	12/887,975	13 Jan 2011	US 2011/0006317	07 Jul 2015	9,074,733	25 Sep 2027
US	National Patent	Grant	12 Feb 2007	11/673,951	14 Aug 2008	US2008-0192493	04 Sep 2012	8,258,682	21 Dec 2028
US	National Patent	Grant	17 Apr 2007	11/736,181	23 Oct 2008	US2008-0258628-A1	06 Apr 2010	7,690,802	30 Dec 2027
US	National Patent	Grant	25 Apr 2007	11/739,975	30 Oct 2008	US 2008/0266843	12 Jan 2010	7,645,052	02 Jul 2027
US	National Patent	Grant	21 May 2007	11/751,263	27 Nov 2008	US2008-0291669-A1	11 May 2010	7,712,917	06 Dec 2027
US	Continuation	Grant	25 Mar 2010	12/731,335	23 Sep 2010	US-2010-0237806-A1	28 May 2013	8,449,130	06 Dec 2027
US	National Patent	Grant	18 Dec 2007	11/958,721	18 Jun 2009	US2009-0153450-A1	02 Sep 2014	8,823,630	21 Jan 2030
US	National Patent	Grant	10 Aug 2007	11/836,926	12 Feb 2009	US2009-0040674-A1	09 Sep 2014	8,829,820	11 Dec 2028
US	National Patent	Grant	05 Mar 2008	12/074,762	10 Sep 2009	US-2009-0225543-A1	31 Jan 2017	9,557,033	05 Mar 2028
US	National Patent	Grant	27 Mar 2008	12/056,431	01 Oct 2009	US-2009-0241390-A1	27 Mar 2018	9,930,756	12 Jun 2031
US	National Patent	Grant	11 Mar 2008	12/045,729	17 Sep 2009	US-2009-0231835-A1	15 May 2012	8,177,382	14 Dec 2028
US	National Patent	Grant	15 Nov 2007	11/940,437	21 May 2009	US-2009-0128460-A1	04 Nov 2014	8,878,766	01 Aug 2031
US	National Patent	Grant	23 Jun 2008	12/143,899	24 Dec 2009	US-2009-0316408-A1	12 Jul 2011	7,976,202	05 Apr 2029

Country	Filing Type	Current Status	Filing Date	Serial Number	Publication	Publication Number	Grant Date	Grant Number	Expiry Date (Date)
US	Continuation	Grant	03 Dec 2012	13/691,934			29 Jul 2014	8,789,977	23 Jun 2028
US	National Patent	Grant	25 Jun 2008	12/146,018	31 Dec 2009	US-2009-0323334-A1	14 Aug 2012	8,240,875	11 Jan 2030
US	Continuation	Grant	01 Aug 2012	13/564,466	20 Dec 2012	US2012/0320587	01 Jul 2014	8,764,226	25 Jun 2028
US	National Patent	Grant	27 Mar 2008	12/056,851	01 Oct 2009	2009-0244893	12 Jul 2011	7,976,187	02 Apr 2028
US	National Patent	Grant	30 May 2007	11/755,149	06 Dec 2007	US 2007-0278974	28 Jun 2011	7,969,097	28 Jan 2030
US	National Patent	Grant	30 May 2007	11/755,153	06 Dec 2007	US20070279903	03 Dec 2013	8,596,819	30 May 2027
US	Continuation	Grant	31 May 2013	13/906,573			14 Jan 2014	8,628,214	30 May 2027
US	National Patent	Grant	30 May 2007	11/755,162	06 Dec 2007	US 2007-0279440	14 Dec 2010	7,852,010	14 Aug 2029
US	National Patent	Grant	22 Aug 2007	11/843,243	10 Apr 2008	US2008-0084685	13 Nov 2012	8,310,143	30 Dec 2027
US	National Patent	Grant	13 Sep 2007	11/854,744	17 Apr 2008	US2008-0088248	09 Oct 2012	8,283,904	09 Jun 2028
US	National Patent	Grant	17 Sep 2007	11/856,421	10 Apr 2008	US2008-0084700	14 Jun 2011	7,959,329	30 Jun 2029
US	National Patent	Grant	21 Sep 2007	11/859,048	10 Apr 2008	US2008-0084701	08 Sep 2014	8,827,507	01 Dec 2026
US	National Patent	Grant	23 Oct 2007	11/877,038	08 May 2008	US2008-0106907	04 Jan 2011	7,862,214	20 Jul 2028



Country	Filing Type	Current Status	Filing Date	Serial Number	Publication	Publication Number	Grant Date	Grant Number	Expiry Date (Date)
US	Continuation	Grant	24 Nov 2010	12/953,829	24 Mar 2011	US-2011-0069499-A1	22 May 2012	8,182,119	23 Oct 2026
US	Continuation	Grant	04 Apr 2012	13/439,337	02 Aug 2012	US-2012-0195033-A1	23 Oct 2012	8,292,453	23 Oct 2027
US	Continuation	Grant	20 Sep 2012	13/623,465	17 Jan 2013	US2013-0016516	03 Dec 2013	8,596,811	23 Oct 2027
US	National Patent	Grant	07 Nov 2007	11/936,163	08 May 2008	US2008-0106895	04 Oct 2011	8,029,155	08 Jun 2029
US	Continuation	Grant	26 Aug 2011	13/218,969	22 Dec 2011	US-2011-0310602	26 Feb 2013	8,382,318	07 Nov 2027
US	National Patent	Grant	13 Nov 2007	11/939,047	15 May 2008	US2008-0112183	06 Sep 2011	8,011,818	04 May 2028
US	National Patent	Grant	13 Nov 2007	11/939,052	15 May 2008	US2008-0112168	28 Mar 2017	9,605,828	27 Jun 2029
US	National Patent	Grant	13 Nov 2007	11/939,059	15 May 2008	US2008-0112170-A1	14 May 2013	8,439,531	15 Jan 2029
US	National Patent	Grant	30 Nov 2007	11/948,041	12 Jun 2008	US2008-0137347	17 Jan 2012	8,096,670	10 Oct 2029
US	Continuation	Grant	27 Dec 2011	13/337,612	27 Sep 2012	US2012-0243234	28 Mar 2017	9,605,818	03 Jun 2031
US	National Patent	Grant	29 Nov 2007	11/947,392	05 Jun 2008	US2008-0130298	15 Nov 2011	8,057,070	08 Dec 2028
US	National Patent	Grant	04 Dec 2006	11/566,440			08 May 2007	7,213,940	04 Dec 2026
US	National Patent	Grant	30 Nov 2007	11/948,021	05 Jun 2008	US2008-0130285 A1	14 Jul 2015	9,084,328	04 Dec 2026

Country	Filing Type	Current Status	Filing Date	Serial Number	Publication	Publication Number	Grant Date	Grant Number	Expiry Date (Date)
US	National Patent	Grant	03 Dec 2007	11/949,182	05 Jun 2008	US2008-0130281	25 Dec 2012	8,337,045	03 Dec 2027
US	National Patent	Grant	03 Dec 2007	11/949,222	05 Jun 2008	US2008-0130282	12 Apr 2016	9,310,026	10 Dec 2029
US	National Patent	Grant	06 Dec 2007	11/951,626	12 Jun 2008	US2008-0136313	05 Apr 2011	7,918,581	15 Mar 2029
US	National Patent	Grant	08 May 2008	12/117,271	18 Dec 2008	US-2008-0310154-A1	29 Jun 2010	7,744,243	08 May 2028
US	National Patent	Grant	22 Feb 2008	12/035,604	23 Oct 2008	US2008-0259589	13 Aug 2013	8,506,114	23 May 2030
US	Continuation-in-Part	Grant	05 May 2008	12/114,994	11 Dec 2008	US2008-0304269A	28 Jun 2011	7,967,480	14 Feb 2029
US	National Patent	Grant	07 May 2008	12/116,341	13 Nov 2008	US2008-0278952	12 Apr 2016	9,310,035	04 Jan 2029
US	National Patent	Grant	08 May 2008	12/117,122	11 Dec 2008	US-2008-0304260-A1	18 Oct 2011	8,038,317	03 May 2030
US	National Patent	Grant	08 May 2008	12/117,131	13 Nov 2008	US2008-0278940	24 Jul 2018	10,030,824	04 Dec 2026
US	National Patent	Grant	08 May 2008	12/117,136	13 Nov 2008	US2008-0278928	20 Dec 2011	8,079,729	23 Jun 2030
US	Design Patent	Grant	24 Sep 2007	29/295,233			18 Nov 2008	D581,082	18 Nov 2022
US	Design Patent	Grant	14 Mar 2008	29/305,171			15 Sep 2009	D6000,393	15 Sep 2023
US	Design Patent	Grant	24 Sep 2007	29/295,234			18 Nov 2008	D581,083	18 Nov 2022

Country	Filing Type	Current Status	Filing Date	Serial Number	Publication	Publication Number	Grant Date	Grant Number	Expiry Date (Date)
US	Design Patent	Grant	14 Mar 2008	29/305,175			06 Oct 2009	D601,739	18 Nov 2022
US	Design Patent	Grant	25 Sep 2007	29/295,284			03 Jun 2008	D570,539	03 Jun 2022
US	Design Patent	Grant	25 Sep 2007	29/295,285			10 Jun 2008	D571,039	10 Jun 2022
US	Design Patent	Grant	25 Sep 2007	29/295,281			03 Jun 2008	D570,538	03 Jun 2022
US	Design Patent	Grant	25 Sep 2007	29/295,280			03 Jun 2008	D570,537	03 Jun 2022
US	National Patent	Grant	20 Dec 2006	11/613,692	21 Jun 2007	US20070139923	25 Dec 2012	8,337,071	20 Dec 2026
US	National Patent	Grant	03 May 2007	11/743,754	15 Nov 2007	US20070263393	25 May 2010	7,722,220	24 May 2027
US	National Patent	Grant	20 Dec 2006	11/613,714	21 Jun 2007	US20070139920	03 Aug 2010	7,768,192	28 Nov 2027
US	Continuation	Grant	14 Jan 2013	13/740,911	01 Aug 2013	2013-0194792	04 Nov 2014	8,878,429	07 Jan 2026
US	National Patent	Grant	20 Dec 2006	11/613,733	21 Jun 2007	US20070137074	14 Feb 2012	8,112,921	28 Aug 2029
US	National Patent Divisional	Grant	05 Jan 2012	13/344,121	03 May 2012	US-2012-0102800-A1	21 Feb 2017	9,576,511	20 Dec 2026
US	National Patent	Grant	19 Jan 2007	11/624,811	26 Jul 2007	US20070170447	11 Sep 2012	8,264,138	05 Sep 2028
US	National Patent	Grant	24 Jan 2007	11/626,483	26 Jul 2007	US20070171145	14 Dec 2010	7,852,009	16 Sep 2027

Country	Filing Type	Current Status	Filing Date	Serial Number	Publication	Publication Number	Grant Date	Grant Number	Expiry Date (Date)
US	National Patent	Grant	18 Apr 2007	11/736,761	06 Dec 2007	US20070278934	20 Aug 2013	8,513,875	02 Feb 2031
US	Continuation	Grant	10 Apr 2013	13/859,855	12 Sep 2013	US2013-0235303	16 Aug 2016	9,417,478	18 Apr 2027
US	National Patent	Grant	18 Apr 2007	11/736,799	22 Nov 2007	US20070267983	09 Nov 2010	7,828,460	18 Apr 2027
US	Continuation	Grant	29 Sep 2010	12/893,331	27 Jan 2011	US-2011-0019399-A1	28 Feb 2012	8,123,376	18 Apr 2026
US	Continuation	Grant	20 Jan 2012	13/354,510	12 Jul 2012	US-2012-0176788-A1	27 May 2014	8,733,968	18 Apr 2027
US	Continuation	Grant	15 Apr 2014	14/252,855	14 Aug 2014	US2014-0226326	29 Mar 2016	9,297,503	23 Sep 2027
US	Continuation	Grant	25 Mar 2016	15/081,219	21 Jul 2016	2016-0208989	10 Jul 2018	10,018,346	18 Apr 2027
US	National Patent	Grant	19 Apr 2007	11/737,321	06 Dec 2007	US20070278503	16 Aug 2011	7,997,745	14 May 2030
US	National Patent	Grant	09 Oct 2008	12/248,220	23 Jul 2009	US2009-0184616-A1	13 Sep 2011	8,018,135	25 Jun 2029
US	Design Patent	Grant	27 Apr 2007	29/279,351			15 Jul 2008	D573,294	15 Jul 2022
US	Design Patent	Grant	27 Apr 2007	29/279,352			10 Jun 2008	D571,038	10 Jun 2022
US	Design Patent	Grant	27 Apr 2007	29/279,354			17 Jun 2008	D571,497	17 Jun 2022
US	Design Patent	Grant	27 Apr 2007	29/279,355			17 Feb 2009	D586,942	17 Feb 2023

Country	Filing Type	Current Status	Filing Date	Serial Number	Publication	Publication Number	Grant Date	Grant Number	Expiry Date (Date)
US	Design Patent	Grant	27 Apr 2007	29/279,357			24 Feb 2009	D587,394	24 Feb 2023
US	Continuation	Grant	12 Sep 2008	29/324,484			12 May 2009	D592,347	03 May 2027
US	Design Patent	Grant	12 Sep 2008	29/324,486			06 Oct 2009	D601,741	12 May 2023
US	Design Patent	Grant	03 May 2007	29/279,589			24 Jun 2008	D571,944 S	24 Jun 2022
US	Design Patent	Grant	03 May 2007	29/279,591			08 Sep 2009	D599,951	08 Sep 2023
US	National Patent	Grant	08 May 2008	12/117,148	11 Dec 2008	US-2008-0304261-A1	08 Mar 2011	7,901,107	15 Jan 2029
US	National Patent	Grant	16 Jul 2008	12/174,053	22 Jan 2009	US-2009-0021841	28 Feb 2012	8,123,384	23 Jul 2030
US	National Patent	Grant	08 May 2008	12/117,280	18 Dec 2008	US-2008-0309255 A1	08 May 2012	8,174,205	21 Sep 2030
US	Continuation	Grant	29 Mar 2012	13/433,896	26 Jul 2012	US2012/0187848A1	14 May 2013	8,441,206	08 May 2028
US	Continuation	Grant	08 Apr 2013	13/858,205	12 Sep 2013	2013-0234601	17 Mar 2015	8,981,677	08 May 2028
US	Design Patent	Grant	05 Sep 2007	29/284,294			14 Jul 2009	D596,330	14 Jul 2023
US	National Patent	Grant	25 Nov 2008	12/277,745	25 Jun 2009	US2009-061356	26 Mar 2013	8,403,531	27 Jul 2031
US	National Patent	Grant	24 Oct 2008	12/257,804	25 Jun 2009	US 2009-0160363	21 Oct 2014	8,866,410	17 Apr 2030

Country	Filing Type	Current Status	Filing Date	Serial Number	Publication	Publication Number	Grant Date	Grant Number	Expiry Date (Date)
US	National Patent Divisional	Grant	02 Sep 2014	14/474,824	18 Dec 2014	2014-0368117	08 Nov 2016	9,491,828	26 Nov 2028
US	Design Patent	Grant	12 Sep 2008	29/324,488			12 May 2009	D592,348	12 May 2023
US	National Patent	Grant	04 Dec 2008	12/328,144	23 Jul 2009	US-2009-0184666-A1	18 Oct 2011	8,040,070	06 Feb 2030
US	Continuation	Grant	14 Jul 2011	13/183,011	10 Nov 2011	US-2011-0273095-A1	16 Apr 2013	8,421,372	04 Dec 2028
US	National Patent	Grant	07 May 2008	12/116,346	13 Nov 2008	US2008-0278950-A1	20 Mar 2012	8,136,965	16 Jul 2029
US	Continuation	Grant	03 Feb 2012	13/365,618	11 Oct 2012	US2012/0257384A1	29 Jul 2014	8,789,975	07 May 2028
US	National Patent	Grant	18 Aug 2008	12/193,468	19 Nov 2009	2009-0284958	16 Oct 2012	8,287,142	02 Jan 2030
US	National Patent	Grant	03 Oct 2008	12/245,458			06 Aug 2013	8,500,305	08 Oct 2030
US	National Patent	Grant	04 Aug 2009	12/535,319	10 Feb 2011	US2011-0031894-A1	06 May 2014	8,716,952	11 Apr 2032
US	Continuation	Grant	24 Mar 2014	14/223,359	24 Jul 2014	US2014-0203729	28 Mar 2017	9,605,808	20 Jan 2030
US	National Patent	Grant	26 Mar 2009	12/411,905	30 Sep 2010	US-2010-0246177-A1	10 Feb 2015	8,950,910	05 Mar 2030
US	National Patent	Grant	18 May 2009	12/467,467	18 Nov 2010	US-2010-0290222-A1	12 Dec 2017	9,841,162	18 May 2029
US	National Patent	Grant	07 May 2008	12/116,348	18 Nov 2008	US2008-0278957	14 Aug 2018	10,047,946	03 Sep 2030

Country	Filing Type	Current Status	Filing Date	Serial Number	Publication	Publication Number	Grant Date	Grant Number	Expiry Date (Date)
US	National Patent	Grant	30 Nov 2008	12/325,214	03 Jun 2010	US 2010/0134176	04 Feb 2014	8,643,283	12 Nov 2029
US	National Patent	Grant	30 Nov 2008	12/325,208	03 Jun 2010	US 2010/0134024	03 Oct 2017	9,781,803	30 Aug 2031
US	National Patent	Grant	30 Jul 2009	12/512,653	29 Apr 2010	US-2010-0102697-A1	30 Aug 2011	8,008,845	30 Jul 2029
US	Continuation-in-Part	Grant	25 Jun 2009	12/491,654	01 Apr 2010	US-2010-0079059-A1	07 Apr 2015	8,998,444	17 Jul 2029
US	Continuation-in-Part	Grant	01 Jun 2009	12/475,850	03 Dec 2009	US-2009-0296384-A1	13 Sep 2016	9,441,793	04 Dec 2026
US	National Patent	Grant	06 Apr 2009	12/418,796	07 Oct 2010	US-2010-0254128-A1	10 Sep 2013	8,529,102	05 May 2030
US	National Patent	Grant	13 May 2009	12/465,203	18 Nov 2010	US-2010-0290208-A1	25 Dec 2012	8,337,030	18 Jan 2030
US	Continuation	Grant	09 Nov 2012	13/672,941	14 Mar 2013	2013-0063924	15 Nov 2016	9,493,107	26 Aug 2030
US	National Patent	Grant	21 May 2009	12/469,819	29 Apr 2010	US-2010-0102199-A1	21 May 2013	8,445,824	09 Jan 2030
US	National Patent	Grant	21 May 2009	12/469,828	29 Apr 2010	US-2010-0103678-A1	14 Oct 2014	8,858,032	25 Nov 2029
US	Design Patent	Grant	16 Nov 2010	29/379,208			06 Nov 2012	D670,410	06 Nov 2026
US	National Patent	Grant	04 Dec 2008	12/328,115	23 Jul 2009	US2009-0184662-A1	14 Feb 2012	8,115,419	21 Feb 2030
US	National Patent	Grant	18 Nov 2008	12/273,216	20 May 2010	US-2010-0124243-A1	23 Aug 2011	8,004,172	29 Apr 2029

Country	Filing Type	Current Status	Filing Date	Serial Number	Publication	Publication Number	Grant Date	Grant Number	Expiry Date (Date)
US	Continuation-in-Part	Grant	15 Apr 2011	13/087,510	22 Dec 2011	US2011/0310587A1	09 Jun 2015	9,052,416	04 Nov 2031
US	Continuation	Grant	12 Jul 2011	13/180,759	12 Jan 2012	US-2012-0007492	29 Jan 2013	8,362,681	18 Nov 2028
US	Continuation	Grant	19 Dec 2012	13/720,193	02 May 2013	US2013-0107522	02 Jun 2015	9,046,248	03 May 2029
US	National Patent	Grant	01 Sep 2009	12/551,921	03 Mar 2011	US-2011-0050070-A1	28 Mar 2017	9,605,844	01 Sep 2029
US	National Patent	Grant	02 Jun 2009	12/476,356	02 Dec 2010	US-2010-0301360-A1	30 Dec 2014	8,921,876	22 Aug 2029
US	Continuation-in-Part	Grant	28 Oct 2009	12/607,355	21 Apr 2011	US-2011-0089838-A1	12 May 2015	9,030,120	15 Jul 2031
US	Design Patent	Grant	28 Oct 2009	29/346,183			26 Oct 2010	D626,257	26 Oct 2024
US	Continuation-in-Part	Grant	07 Jan 2010	12/683,886	21 Apr 2011	US-2011-0089830-A1	22 Dec 2015	9,217,542	31 Aug 2030
US	Design Patent	Grant	20 Sep 2010	29/375,248			30 Aug 2011	D644,356	30 Aug 2025
US	National Patent	Grant	14 Aug 2009	12/541,215	17 Feb 2011	US2011-0037409-A1	11 Feb 2014	8,648,546	14 Aug 2029
US	National Patent	Grant	03 Jan 2011	12/983,638	05 Jul 2012	US 2012/0170285	07 May 2013	8,435,060	03 Jan 2031
US	Continuation	Grant	06 May 2013	13/887,948	28 Nov 2013	US 2013/0316564	11 Mar 2014	8,668,513	03 Jan 2031
US	PCT Application	Grant	21 Sep 2010	13/425,689			29 May 2018	9,982,847	13 Nov 2030



Country	Filing Type	Current Status	Filing Date	Serial Number	Publication	Publication Number	Grant Date	Grant Number	Expiry Date (Date)
US	National Patent	Grant	21 Sep 2010	12/886,718	31 Mar 2011	US-2011-0074270-A1	30 Sep 2014	8,845,137	21 Sep 2030
US	PCT Application	Grant	21 Mar 2012	13/425,702	20 Sep 2012	US2012-0236557-A1	03 Mar 2015	8,967,821	23 Nov 2032
US	National Patent	Grant	24 Sep 2009	12/566,142	24 Mar 2011	US-2011-0068696-A1	02 Dec 2014	8,901,829	24 Sep 2029
US	Continuation-in-Part	Grant	10 Sep 2009	12/557,036	07 Jan 2010	US-2010-0002440-A1	26 Oct 2010	7,821,194	10 Sep 2029
US	Continuation	Grant	25 Oct 2010	12/911,434	17 Feb 2011	US-2011-0037413-A1	03 Jul 2012	8,212,466	07 Nov 2029
US	National Patent	Grant	12 Jun 2009	12/483,020	16 Dec 2010	US-2010-0314996-A1	10 Jul 2012	8,217,567	12 Feb 2030
US	Continuation	Grant	08 Jun 2012	13/492,041	27 Sep 2012	US-2012-0243222-A1	07 Jul 2015	9,074,737	27 Jun 2029
US	National Patent	Grant	30 Sep 2009	12/570,571	31 Mar 2011	US-2011-0075408-A1	29 Jan 2013	8,360,604	09 Sep 2031
US	National Patent	Grant	07 Jul 2009	12/498,856	13 Jan 2011	US 2011/0006658	02 Jul 2013	8,476,812	24 Oct 2029
US	National Patent	Grant	04 Aug 2009	12/535,353	03 Jun 2010	US 2010/0133578	26 Apr 2011	7,932,532	04 Aug 2029
US	Continuation	Grant	20 Mar 2011	13/052,094	14 Jul 2011	US 2011/0169031	29 Jan 2013	8,362,509	04 Aug 2029
US	National Patent	Grant	19 Aug 2009	12/544,131	24 Feb 2011	US2011-0043137-A1	03 Dec 2013	8,598,809	24 Apr 2031
US	National Patent	Grant	21 Dec 2009	12/643,705	23 Jun 2011	US-2011-0148327-A1	20 Aug 2013	8,511,851	01 Feb 2031

Country	Filing Type	Current Status	Filing Date	Serial Number	Publication	Publication Number	Grant Date	Grant Number	Expiry Date (Date)
US	National Patent	Grant	18 May 2010	12/782,374	24 Nov 2011	US-2011-0285309-A1	31 Oct 2017	9,807,825	02 Mar 2032
US	National Patent	Grant	14 Dec 2009	12/636,958	16 Jun 2011	US-2011-0140593-A1	18 Jun 2013	8,466,611	13 Oct 2031
US	National Patent	Grant	24 Sep 2009	12/566,253	24 Mar 2011	US 2011/0068698	04 Sep 2012	8,258,722	21 Oct 2030
US	National Patent	Grant	06 Oct 2009	12/574,021	07 Apr 2011	US-2011-0080116-A1	08 Jan 2013	8,350,500	10 Mar 2030
US	National Patent	Grant	28 May 2009	12/473,821	02 Dec 2010	US-2010-0301751-A1	10 Jul 2012	8,217,591	17 Jun 2030
US	National Patent	Grant	08 Jun 2010	12/796,555	08 Dec 2011	US 2011/0298371	03 Dec 2013	8,596,821	03 Oct 2031
US	Continuation	Grant	18 Oct 2013	14/057,626	13 Feb 2014	US 2014/0043825	14 Oct 2014	8,858,029	08 Jun 2030
US	National Patent Divisional	Grant	12 Aug 2014	14/457,859	04 Dec 2014	20140355270	03 Apr 2018	9,933,148	08 Jun 2030
US	Continuation	Grant	21 May 2015	14/718,262	10 Sep 2015	20150252998	23 Oct 2018	10,107,487	08 Jun 2030
US	National Patent	Grant	24 Sep 2009	12/566,195	24 Mar 2011	US-2011-0068702-A1	18 Jul 2017	9,713,211	03 May 2030
US	National Patent	Grant	27 Oct 2009	12/606,377	28 Apr 2011	US-2011-0096548-A1	06 Sep 2016	9,435,493	25 Jul 2030
US	National Patent	Grant	24 Mar 2010	12/730,802	29 Sep 2011	US 2011/0234081	26 May 2015	9,039,271	20 Jun 2032
US	Continuation	Grant	21 May 2015	14/718,682	10 Sep 2015	20150252957	05 Sep 2017	9,752,733	20 Sep 2030

Country	Filing Type	Current Status	Filing Date	Serial Number	Publication	Publication Number	Grant Date	Grant Number	Expiry Date (Date)
US	National Patent	Grant	07 Feb 2011	13/022,180	03 Nov 2011	US-2011-0267812-A1	03 Nov 2015	9,175,811	28 Sep 2032
US	National Patent	Grant	25 Sep 2009	12/566,936	31 Mar 2011	US-2011-0075423-A1	31 May 2016	9,353,933	25 Sep 2029
US	National Patent	Grant	29 Jul 2010	12/846,036	02 Feb 2012	US-2012-0025235-A1	25 Nov 2014	8,896,005	29 Jul 2030
US	Continuation-in-Part	Grant	16 Feb 2011	13/029,025	08 Sep 2011	US-2011-0215701-A1	22 Nov 2016	9,500,325	20 Mar 2031
US	National Patent	Grant	06 Dec 2010	12/961,380	07 Jun 2012	US-2012-0140462-A1	15 Oct 2013	8,556,469	07 Nov 2031
US	National Patent	Grant	12 Aug 2010	12/855,500	16 Feb 2012	US-2012-0039073-A1	01 Jul 2014	8,764,224	11 Jan 2032
US	National Patent	Grant	25 Sep 2009	12/566,850	31 Mar 2011	US-2011-0074265-A1	11 Oct 2016	9,464,801	09 Apr 2032
US	National Patent	Grant	09 Aug 2010	12/852,849	09 Feb 2012	US-2012-0033429-A1	24 Feb 2015	8,960,989	06 May 2032
US	National Patent Divisional	Grant	23 Dec 2014	14/581,152	21 May 2015	2015-0138768	09 May 2017	9,644,822	21 Dec 2030
US	National Patent	Grant	25 Sep 2009	12/566,861	31 Mar 2011	US-2011-0075422-A1	15 Jul 2014	8,777,449	10 Aug 2030
US	Continuation	Grant	14 Mar 2014	14/212,264	17 Jul 2014	US2014-0198503	04 Oct 2016	9,458,999	26 Jan 2030
US	National Patent	Grant	16 Feb 2010	12/706,370	18 Aug 2011	US 2011/0199019	11 Oct 2016	9,468,070	28 Nov 2030
US	National Patent	Grant	25 Sep 2009	12/566,857	31 Mar 2011	US-2011-0075411-A1	30 Jun 2015	9,068,719	21 Oct 2030

Country	Filing Type	Current Status	Filing Date	Serial Number	Publication	Publication Number	Grant Date	Grant Number	Expiry Date (Date)
US	Continuation-in-Part	Grant	19 Nov 2009	12/621,970	31 Mar 2011	US-2011-0075414-A1	15 Mar 2016	9,285,103	02 Jun 2032
US	Design Patent	Grant	25 Sep 2009	29/344,218			22 Feb 2011	D633,099	22 Feb 2025
US	Design Patent	Grant	25 Sep 2009	29/344,219			17 May 2011	D638,160	17 May 2025
US	National Patent	Grant	02 Aug 2010	12/848,825	08 Sep 2011	US-2011-0215696-A1	22 Oct 2013	8,562,161	13 Jul 2031
US	National Patent Divisional	Grant	29 Aug 2013	14/014,272	02 Jan 2014	US2014-0003048-A1	22 Dec 2015	9,217,544	02 Aug 2030
US	National Patent	Grant	07 May 2010	12/775,842	10 Nov 2011	US2011-0273102 A1	02 Jul 2013	8,476,836	23 Feb 2031
US	Continuation	Grant	03 Jul 2013	13/919,528			08 Sep 2015	9,131,569	07 May 2030
US	National Patent	Grant	15 Oct 2009	12/579,946	21 Apr 2011	US 2011/0090691	10 Dec 2013	8,602,593	03 Jan 2032
US	Design Patent	Grant	28 Oct 2009	29/346,180			20 Mar 2012	D656,253	20 Mar 2026
US	Design Patent	Grant	28 Oct 2009	29/346,181			20 Mar 2012	D656,254	20 Mar 2026
US	Continuation-in-Part	Grant	08 Mar 2011	13/042,663	06 Oct 2011	US-2011-0242453-A1	20 Mar 2018	9,921,428	14 Apr 2031
US	National Patent	Grant	31 Jan 2011	13/018,245	03 Nov 2011	US-2011-0267800-A1	19 Apr 2016	9,316,361	01 Nov 2033
US	Design Patent	Grant	15 Jan 2010	29/353,900			26 Apr 2011	D636,921	26 Apr 2025

Country	Filing Type	Current Status	Filing Date	Serial Number	Publication	Publication Number	Grant Date	Grant Number	Expiry Date (Date)
US	National Patent	Grant	07 Feb 2011	13/022,533	09 Aug 2012	US 2012/0201022	05 Aug 2014	8,794,793	18 Jan 2032
US	National Patent	Grant	10 May 2010	12/776,947	28 Jul 2011	US-2011-0182065-A1	13 Aug 2013	8,508,116	10 May 2030
US	National Patent	Grant	05 Jan 2011	12/985,275	08 Sep 2011	US-2011-0215697-A1	18 Apr 2017	9,625,105	25 Jul 2031
US	Continuation-in-Part	Grant	07 Feb 2011	13/022,490	08 Sep 2011	US-2011-0215698-A1	13 Jan 2015	8,931,933	18 Jan 2031
US	National Patent	Grant	14 Oct 2010	12/905,054	19 Apr 2012	US 2012/0092850	22 Sep 2015	9,140,429	01 May 2031
US	Continuation	Grant	17 Apr 2013	13/864,490	05 Sep 2013	US 2013/0229786	10 May 2016	9,335,029	14 Oct 2030
US	National Patent	Grant	05 Nov 2010	12/941,012	10 May 2012	US 2012/0112614	09 May 2017	9,648,673	05 Nov 2030
US	Continuation-in-Part	Grant	13 Jul 2010	12/835,390	31 Mar 2011	US-2011-0075410-A1	01 Apr 2014	8,684,556	31 Aug 2032
US	National Patent	Grant	19 Apr 2011	13/089,807	25 Oct 2012	US2012/0268936	24 Jul 2018	10,030,863	25 Mar 2034
US	National Patent	Grant	31 Jan 2011	13/018,291	03 Nov 2011	US-2011-0267801-A1	11 Nov 2014	8,882,284	05 Mar 2032
US	National Patent	Grant	16 Feb 2011	13/028,863	22 Sep 2011	US-2011-0228514-A1	01 Mar 2016	9,275,979	27 Apr 2032
US	Continuation-in-Part	Grant	07 Jun 2010	12/795,290			10 Dec 2013	8,602,579	23 May 2030
US	National Patent	Grant	31 Mar 2010	12/751,477	06 Oct 2011	US 2011/0242813	02 Sep 2014	8,820,971	01 Jul 2031

Country	Filing Type	Current Status	Filing Date	Serial Number	Publication	Publication Number	Grant Date	Grant Number	Expiry Date (Date)
US	Continuation-in-Part	Grant	04 May 2010	12/773,652	06 Oct 2011	US 2011/0242814	04 Jun 2013	8,454,202	08 Jul 2030
US	Continuation-in-Part	Grant	26 May 2010	12/787,507	06 Oct 2011	US 2011/0242815	10 Dec 2013	8,602,611	04 Sep 2031
US	Design Patent	Grant	25 Jun 2010	29/364,639			05 Jul 2011	D641,096	05 Jul 2025
US	National Patent	Grant	08 Apr 2010	12/756,573	29 Sep 2011	US-2011-0234255-A1	25 Mar 2014	8,680,884	30 Dec 2031
US	National Patent	Grant	28 Jun 2010	12/824,842	29 Sep 2011	US-2011-0235374-A1	17 Sep 2013	8,537,569	28 Jan 2031
US	National Patent	Grant	28 Jun 2010	12/824,819	29 Sep 2011	US-2011-0234123-A1	26 May 2015	9,041,311	14 Dec 2032
US	National Patent	Grant	10 May 2010	12/776,799	10 Nov 2011	US 2011/0273882	13 Oct 2015	9,157,602	16 Feb 2031
US	National Patent	Grant	06 Dec 2010	12/961,385	07 Jun 2012	US-2012-0140461-A1	15 Nov 2016	9,494,293	20 May 2031
US	National Patent	Grant	10 May 2011	13/104,469	17 Nov 2011	US-2011-0279015	25 Nov 2014	8,896,197	28 Oct 2031
US	National Patent	Grant	08 Jun 2010	12/796,549	08 Dec 2011	US 2011/0298355	05 Nov 2013	8,575,836	05 Sep 2032
US	National Patent	Grant	04 Jun 2010	12/794,559	08 Dec 2011	US 2011/0298350	24 Jul 2012	8,227,961	08 Oct 2030
US	National Patent Divisional	Grant	03 Jul 2012	13/541,651			15 Jul 2014	8,779,653	26 Jun 2030
US	Continuation	Grant	21 May 2013	13/898,986	03 Oct 2013	US 2013/0257260	08 Oct 2013	8,552,626	04 Jun 2030

Country	Filing Type	Current Status	Filing Date	Serial Number	Publication	Publication Number	Grant Date	Grant Number	Expiry Date (Date)
US	National Patent	Grant	04 Jun 2010	12/794,491	08 Dec 2011	US-2011-0299284-A1	01 Apr 2014	8,684,559	01 Sep 2031
US	Continuation	Grant	24 Feb 2014	14/188,094	19 Jun 2014	US2014-0168989	21 Mar 2017	9,599,291	08 Aug 2030
US	National Patent	Grant	08 Mar 2011	13/042,668	13 Sep 2012	US2012-0229032	30 Sep 2014	8,847,513	12 Jan 2032
US	National Patent	Grant	05 Nov 2010	12/941,014	10 May 2012	US 2012/0112661	23 Jul 2013	8,491,140	18 Nov 2031
US	National Patent	Grant	03 Mar 2011	13/039,572	06 Sep 2012	US2012-0223657	05 Aug 2014	8,796,952	05 Jan 2032
US	National Patent	Grant	03 Mar 2011	13/039,743	06 Sep 2012	20120224363	26 Apr 2016	9,324,924	15 Jun 2033
US	Continuation-in-Part	Grant	22 Oct 2010	12/910,022	14 Apr 2011	US-2011-0084616-A1	11 Sep 2012	8,264,155	06 Oct 2029
US	National Patent	Grant	08 Dec 2010	12/962,847	14 Jun 2012	20120146503	19 Nov 2013	8,587,185	11 Jan 2032
US	Continuation	Grant	16 Oct 2013	14/055,052	13 Feb 2014	20140043804	01 Mar 2016	9,273,835	08 Dec 2030
US	Continuation-in-Part	Grant	11 May 2011	13/105,184			14 May 2013	8,441,179	19 Jan 2027
US	National Patent Divisional	Grant	10 May 2013	13/891,744	19 Sep 2013	US-2013-0241392-A1	22 Dec 2015	9,220,149	19 Jan 2027
US	National Patent	Grant	08 Oct 2010	12/901,034	12 Apr 2012	20120087137	08 Mar 2016	9,279,543	28 Apr 2032
US	National Patent	Grant	27 Jun 2011	13/169,837	27 Dec 2012	US 2012/0328299	10 May 2016	9,337,925	30 Oct 2034

Country	Filing Type	Current Status	Filing Date	Serial Number	Publication	Publication Number	Grant Date	Grant Number	Expiry Date (Date)
US	National Patent	Grant	18 Mar 2011	13/050,995	20 Sep 2012	20120235560	23 Sep 2014	8,841,834	17 Jun 2031
US	National Patent	Grant	01 Jul 2011	13/175,377	03 Jan 2013	US-2013-0003363-A1	04 Nov 2014	8,876,325	25 Jan 2032
US	Continuation	Grant	08 Oct 2014	14/509,834	29 Jan 2015	2015-0029709	14 Jun 2016	9,366,410	09 Sep 2031
US	National Patent	Grant	23 Jul 2010	12/842,139	26 Jan 2012	20120019137	23 Jul 2013	8,492,977	10 Feb 2031
US	National Patent	Grant	16 Nov 2010	12/947,267	17 May 2012	US 2012/0120659	10 Dec 2013	8,602,597	30 Mar 2031
US	National Patent	Grant	15 Dec 2010	12/968,789	21 Jun 2012	US-2012-0153844-A1	21 Aug 2018	10,057,952	01 Sep 2034
US	Design Patent	Grant	31 Aug 2010	29/368,970			09 Apr 2013	D679,848	09 Apr 2027
US	National Patent	Grant	24 Sep 2010	12/889,719	29 Mar 2012	20120075833	20 Dec 2016	9,523,488	07 Jun 2031
US	National Patent	Grant	05 Nov 2010	12/940,453	10 May 2012	US 2012/0113640	02 Feb 2016	9,249,952	16 Dec 2031
US	Design Patent	Grant	24 Sep 2010	29/375,645			14 Feb 2012	D654,193	14 Feb 2026
US	Design Patent	Grant	24 Sep 2010	29/375,590			18 Oct 2011	D647,222	18 Oct 2025
US	Design Patent Divisional	Grant	14 Sep 2011	29/401,648			12 Feb 2013	D676,159	12 Feb 2027
US	National Patent	Grant	08 Oct 2010	12/901,405	08 Sep 2011	US-2011-0216523-A1	12 Apr 2016	9,310,030	02 Nov 2030



Country	Filing Type	Current Status	Filing Date	Serial Number	Publication	Publication Number	Grant Date	Grant Number	Expiry Date (Date)
US	National Patent	Grant	22 Dec 2010	12/975,820	28 Jun 2012	20120161626	09 Jun 2015	9,052,067	22 Oct 2031
US	Continuation	Grant	01 May 2015	14/702,176	19 Nov 2015	20150330581	04 Oct 2016	9,458,971	22 Dec 2030
US	Continuation	Grant	19 Sep 2016	15/268,891	19 Jan 2017	2017-0016583	19 Dec 2017	9,845,922	22 Dec 2030
US	National Patent	Grant	01 Mar 2011	13/038,109	06 Sep 2012	US 2012/0223632	30 Dec 2014	8,922,108	07 Nov 2032
US	National Patent	Grant	10 Aug 2011	13/207,204	14 Feb 2013	US 2013/0038242	25 Mar 2014	8,680,783	07 Mar 2032
US	National Patent	Grant	10 Jan 2011	12/987,485	03 May 2012	US-2012-0104953-A1	29 Oct 2013	8,569,974	08 Sep 2031
US	National Patent	Grant	11 Apr 2011	13/084,174	03 May 2012	20120106176	24 Jun 2014	8,757,852	26 Dec 2031
US	Design Patent	Grant	27 Oct 2010	29/377,926			21 May 2013	D683,063	21 May 2027
US	Design Patent	Grant	11 Apr 2011	29/389,409			04 Jun 2013	D683,890	04 Jun 2027
US	Design Patent Divisional	Grant	26 Mar 2013	29/450,912			04 Feb 2014	D698,985	04 Feb 2028
US	Design Patent Divisional	Grant	18 Dec 2013	29/476,939			05 Aug 2014	D710,529	05 Aug 2028
US	National Patent	Grant	21 Oct 2011	13/278,238	24 May 2012	US-2012-0126260-A1	10 Jun 2014	8,748,905	15 Feb 2032
US	Continuation-in-Part	Grant	26 Oct 2012	13/661,909	21 Mar 2013	US2013/0069089	07 Oct 2014	8,853,712	24 May 2031

Country	Filing Type	Current Status	Filing Date	Serial Number	Publication	Publication Number	Grant Date	Grant Number	Expiry Date (Date)
US	Design Patent	Grant	15 Nov 2010	29/379,154			08 Jan 2013	D674,127	08 Jan 2027
US	National Patent	Grant	05 May 2011	13/101,674	08 Nov 2012	US-2012-0280256	28 Jan 2014	8,637,877	05 Jan 2032
US	National Patent Divisional	Grant	16 Dec 2013	14/107,464	17 Apr 2014	2014-0103381	02 Aug 2016	9,406,850	17 Jul 2031
US	National Patent	Grant	09 Nov 2011	13/292,541	09 May 2013	20130114241	30 Dec 2014	8,919,975	21 Jun 2032
US	National Patent	Grant	03 Jun 2011	13/152,772	06 Dec 2012	2012-0306370	09 Oct 2018	10,098,197	22 Jun 2033
US	National Patent	Grant	26 Aug 2011	13/218,980	28 Feb 2013	20130050979	20 Feb 2018	9,897,276	01 Jun 2034
US	National Patent	Grant	30 Jul 2012	13/561,388	30 Jan 2014	20140028197	23 Jun 2015	9,066,405	10 Apr 2033
US	Continuation	Grant	19 Jun 2015	14/745,046	08 Oct 2015	20150289340	13 Mar 2018	9,918,366	30 Jul 2032
US	National Patent	Grant	28 Jun 2011	13/170,733	03 Jan 2013	20130002167	02 May 2017	9,642,208	06 Aug 2034
US	National Patent	Grant	14 Jul 2011	13/183,067	17 Jan 2013	20130016509US1	02 Dec 2014	8,899,785	25 Jun 2032
US	National Patent	Grant	07 Mar 2011	13/042,378	07 Jun 2012	US 2012/0140465	21 Jun 2016	9,371,966	31 Jul 2033
US	Design Patent	Grant	03 Dec 2010	29/380,379			27 Nov 2012	D671,668	27 Nov 2026
US	National Patent	Grant	28 Jul 2011	13/192,755	31 Jan 2013	US 2013/0026925	03 Jun 2014	8,742,671	07 Feb 2032

Country	Filing Type	Current Status	Filing Date	Serial Number	Publication	Publication Number	Grant Date	Grant Number	Expiry Date (Date)
US	Continuation	Grant	30 May 2014	14/292,026	18 Sep 2014	US2014-0268778	19 Jul 2016	9,398,654	28 Jul 2031
US	National Patent	Grant	23 Jun 2011	13/167,351	27 Dec 2012	US 2012/0327664	15 Jul 2014	8,777,455	16 Dec 2031
US	National Patent	Grant	23 Jun 2011	13/167,394	27 Dec 2012	US 2012/0327657	31 Dec 2013	8,616,724	22 Nov 2031
US	National Patent	Grant	23 Jun 2011	13/167,387	27 Dec 2012	US 2012/0327670	15 Jul 2014	8,777,463	13 Mar 2032
US	Design Patent	Grant	23 Jun 2011	29/394,990			24 Dec 2013	D696,436	24 Dec 2027
US	Design Patent Divisional	Grant	20 Nov 2013	29/473,197			04 Aug 2015	D735,902	04 Aug 2029
US	National Patent	Grant	16 Feb 2011	13/028,913	22 Sep 2011	US-2011-0227469-A1	05 May 2015	9,024,517	15 May 2031
US	Design Patent	Grant	19 Dec 2010	29/381,404			31 Jan 2012	D653,365	31 Jan 2026
US	Design Patent	Grant	19 Dec 2010	29/381,405			31 Jan 2012	D653,366	31 Jan 2026
US	Design Patent Divisional	Grant	22 Dec 2011	29/409,378			28 Aug 2012	D666,339	28 Aug 2026
US	Continuation-in-Part	Grant	16 Feb 2011	13/028,946	08 Sep 2011	US-2011-0215699-A1	23 Jun 2015	9,062,830	24 Sep 2030
US	Continuation-in-Part	Grant	24 Feb 2011	13/034,501	08 Mar 2012	US-2012-0057327-A1	16 Jun 2015	9,057,511	24 Sep 2030
US	Design Patent	Grant	19 Jan 2011	29/383,548			29 May 2012	D660,990	29 May 2026

Country	Filing Type	Current Status	Filing Date	Serial Number	Publication	Publication Number	Grant Date	Grant Number	Expiry Date (Date)
US	Design Patent Divisional	Grant	22 Feb 2012	29/413,924			26 Mar 2013	D679,035	26 Mar 2027
US	Design Patent	Grant	11 Jan 2011	29/383,042			01 Jan 2013	D673,697	01 Jan 2027
US	Design Patent	Grant	11 Jan 2011	29/383,040			26 Mar 2013	D679,033	26 Mar 2027
US	Design Patent	Grant	26 Jan 2011	29/384,101			26 Feb 2013	D676,981	26 Feb 2027
US	National Patent	Grant	16 May 2011	13/108,115			10 Dec 2013	8,604,684	16 May 2031
US	National Patent	Grant	18 Apr 2011	13/088,690	18 Oct 2012	US20120262902	19 Apr 2016	9,316,368	31 Dec 2032
US	National Patent	Grant	20 Dec 2011	13/331,795	20 Jun 2013	2013-0154502	23 Jun 2015	9,066,382	26 Jan 2033
US	National Patent	Grant	14 Nov 2011	13/295,609			27 May 2014	8,736,186	24 Jan 2032
US	Continuation	Grant	06 May 2014	14/290,977	21 Aug 2014	US2014-0232297	31 Jan 2017	9,560,708	14 Nov 2031
US	Continuation	Grant	30 Dec 2016	15/394,962	20 Apr 2017	2017-0111970	26 Dec 2017	9,854,634	14 Nov 2031
US	Continuation-in-Part	Grant	16 Feb 2011	13/029,005	08 Sep 2011	US-2011-0215700-A1	21 Jan 2014	8,632,196	27 Jul 2030
US	National Patent	Grant	07 Mar 2011	13/042,388	07 Jun 2012	20120140490	25 Nov 2014	8,894,253	10 Sep 2032
US	Design Patent	Grant	09 Mar 2011	29/387,170			11 Sep 2012	D667,156	11 Sep 2026

Country	Filing Type	Current Status	Filing Date	Serial Number	Publication	Publication Number	Grant Date	Grant Number	Expiry Date (Date)
US	Design Patent	Grant	09 Mar 2011	29/387,171			01 Jan 2013	D673,711	01 Jan 2027
US	Design Patent	Grant	09 Mar 2011	29/387,172			25 Sep 2012	D667,983	25 Sep 2026
US	National Patent	Grant	26 Aug 2011	13/218,557	28 Feb 2013	20130049603	16 Sep 2014	8,836,231	27 Sep 2032
US	National Patent	Grant	06 Jul 2011	13/176,827	10 Jan 2013	US 2013/0010476	01 Apr 2014	8,684,569	12 Oct 2031
US	National Patent	Grant	20 Sep 2011	13/236,792	21 Mar 2013	20130070461	23 Sep 2014	8,840,278	26 Jul 2032
US	National Patent	Grant	25 Apr 2011	13/093,085			18 Oct 2016	9,470,882	02 Jul 2034
US	National Patent	Grant	19 Oct 2011	13/276,681	25 Apr 2013	20130100658	25 Mar 2014	8,678,613	11 Feb 2032
US	Continuation	Grant	10 Feb 2014	14/176,250	05 Jun 2014	20140153233	05 Jul 2016	9,383,088	19 Oct 2031
US	National Patent	Grant	04 May 2011	13/100,385	08 Nov 2012	US2012-0280621	02 Dec 2014	8,901,845	11 Aug 2032
US	National Patent	Grant	16 May 2011	13/108,927	20 Sep 2012	20120236572	05 Nov 2013	8,573,816	21 Oct 2031
US	National Patent	Grant	30 Mar 2012	13/435,783			18 Nov 2014	8,890,414	30 Nov 2031
US	National Patent	Grant	15 Dec 2011	13/327,503	20 Jun 2013	US 2013/0154587	11 Aug 2015	9,106,133	28 Jul 2033
US	National Patent	Grant	15 Dec 2011	13/327,495	20 Jun 2013	US 2013/0154507	22 Jul 2014	8,786,211	30 Apr 2032

Country	Filing Type	Current Status	Filing Date	Serial Number	Publication	Publication Number	Grant Date	Grant Number	Expiry Date (Date)
US	National Patent	Grant	15 Dec 2011	13/327,511	20 Jun 2013	US 2013/0154588	04 Aug 2015	9,099,921	18 Jul 2033
US	National Patent	Grant	09 May 2011	13/103,303	15 Nov 2012	20120287619	16 Sep 2014	8,833,980	26 Jan 2032
US	Continuation-in-Part	Grant	26 Jul 2011	13/190,661	15 Nov 2012	20120287601	24 Oct 2017	9,797,589	09 May 2031
US	Continuation-in-Part	Grant	30 Jul 2012	13/561,874	28 Feb 2013	20130051002	09 Oct 2018	10,094,548	02 Nov 2031
US	National Patent	Grant	29 Dec 2011	13/339,974	04 Jul 2013	US2013-0169159	04 Aug 2015	9,101,021	05 Dec 2032
US	National Patent	Grant	16 Sep 2011	13/235,103	21 Mar 2013	US2013/00069535	08 Sep 2015	9,131,561	12 Jul 2032
US	National Patent	Grant	12 Mar 2012	13/417,652	12 Sep 2013	US 2013/0234621	17 Mar 2015	8,981,673	13 Oct 2032
US	Continuation	Grant	16 Mar 2015	14/659,501			26 Jan 2016	9,246,386	12 Mar 2032
US	National Patent	Grant	16 Sep 2011	13/235,127	21 Mar 2013	US2013/00069536	01 Mar 2016	9,277,605	13 Apr 2032
US	National Patent	Grant	28 Dec 2011	13/338,582	24 Jan 2013	20130021803	17 Jun 2014	8,752,976	07 Nov 2031
US	National Patent	Grant	28 Dec 2011	13/338,437	24 Jan 2013	20130021777A1	03 Jan 2017	9,534,765	26 Jan 2032
US	National Patent	Grant	23 Jun 2011	13/167,410	27 Dec 2012	US 2012/0327665	24 Jun 2014	8,757,840	02 May 2032
US	National Patent	Grant	26 Jan 2012	13/358,901	01 Aug 2013	US2013-0194796-A1	30 Jun 2015	9,068,701	26 Jan 2032

Country	Filing Type	Current Status	Filing Date	Serial Number	Publication	Publication Number	Grant Date	Grant Number	Expiry Date (Date)
US	National Patent	Grant	09 Nov 2011	13/292,605	09 May 2013	20130114260	01 Apr 2014	8,684,565	10 May 2032
US	National Patent	Grant	26 Jan 2012	13/358,938	01 Aug 2013	20130193850	04 Nov 2014	8,878,435	11 Oct 2032
US	National Patent	Grant	29 Jul 2011	13/194,641	31 Jan 2013	US 2013/0027947	10 Jun 2014	8,746,915	19 Dec 2031
US	Design Patent	Grant	27 Jun 2011	29/396,204			13 Nov 2012	D670,849	13 Nov 2026
US	National Patent	Grant	03 Feb 2012	13/365,844	08 Aug 2013	US-2013-0201679-A1	06 Oct 2015	9,151,457	20 Feb 2032
US	National Patent	Grant	11 Sep 2012	13/609,886	13 Mar 2014	20140071677	09 Feb 2016	9,255,677	03 Apr 2034
US	National Patent	Grant	07 Feb 2012	13/368,177	08 Aug 2013	US2013-0201654-A1	04 Jul 2017	9,698,322	20 May 2032
US	National Patent	Grant	23 Mar 2012	13/429,080	26 Sep 2013	2013-0250567	15 Nov 2016	9,494,294	26 Aug 2032
US	National Patent	Grant	26 Mar 2012	13/430,478	26 Sep 2013	2013-0249374	08 Nov 2016	9,488,359	26 Mar 2032
US	Design Patent	Grant	24 Jul 2011	29/397,952			16 Oct 2012	D669,204	16 Oct 2026
US	Design Patent	Grant	20 Oct 2011	29/404,382			26 Nov 2013	D694,456	26 Nov 2027
US	Design Patent Divisional	Grant	09 Oct 2013	29/469,362			07 Oct 2014	D714,989	07 Oct 2028
US	Design Patent	Grant	26 Jul 2011	29/398,047			02 Jul 2013	D685,506	02 Jul 2027

Country	Filing Type	Current Status	Filing Date	Serial Number	Publication	Publication Number	Grant Date	Grant Number	Expiry Date (Date)
US	Design Patent Divisional	Grant	14 May 2013	29/454,771			31 Dec 2013	D696,800	31 Dec 2027
US	National Patent	Grant	30 Dec 2011	13/341,741	04 Jul 2013	2013-0170210	23 Aug 2016	9,423,117	30 Dec 2031
US	Design Patent	Grant	04 Oct 2011	29/403,280			25 Dec 2012	D673,322	25 Dec 2026
US	National Patent	Grant	02 Aug 2012	13/565,113	04 Apr 2013	2013-0082616	10 Jul 2018	10,021,756	03 Nov 2034
US	National Patent	Grant	02 Aug 2012	13/565,166			18 Nov 2014	8,890,420	12 Feb 2032
US	National Patent	Grant	15 Dec 2011	13/327,517	20 Jun 2013	US 2013/0154508	23 Sep 2014	8,841,860	16 Feb 2032
US	National Patent	Grant	07 May 2012	13/465,414	07 Mar 2013	US2013-0057141	12 Aug 2014	8,803,414	07 May 2032
US	Design Patent	Grant	02 Sep 2011	29/400,957			18 Dec 2012	D672,899	18 Dec 2026
US	National Patent	Grant	09 Apr 2012	13/442,311	10 Oct 2013	20130265772	05 May 2015	9,022,601	27 Aug 2032
US	National Patent	Grant	30 Nov 2011	13/307,444	30 May 2013	20130134456	12 Aug 2014	8,801,233	11 Sep 2032
US	National Patent	Grant	30 Dec 2011	13/341,337	04 Jul 2013	20130170199	10 May 2016	9,335,531	09 Nov 2032
US	National Patent	Grant	30 Dec 2011	13/340,928	04 Jul 2013	20130170175	01 Nov 2016	9,482,421	15 Sep 2032
US	National Patent	Grant	09 Apr 2012	13/442,746	10 Oct 2013	US2013-0265760	07 Jun 2016	9,360,185	04 Aug 2033



Country	Filing Type	Current Status	Filing Date	Serial Number	Publication	Publication Number	Grant Date	Grant Number	Expiry Date (Date)
US	Design Patent	Grant	30 Nov 2011	29/407,549			12 Feb 2013	D676,189	12 Feb 2027
US	National Patent	Grant	12 Dec 2011	13/323,074	13 Jun 2013	US-2013-0147359	30 Sep 2014	8,847,516	08 Jan 2032
US	Continuation-in-Part	Grant	10 Feb 2012	13/370,776	13 Jun 2013	US2013-0147380	02 Sep 2014	8,823,285	22 May 2032
US	National Patent	Grant	06 Jan 2012	13/345,215	11 Jul 2013	US 2013/0176721	25 Oct 2016	9,476,566	10 Jul 2033
US	Continuation-in-Part	Grant	02 Oct 2012	13/633,207	11 Jul 2013	US 2013/0176722	08 Nov 2016	9,488,329	06 Jan 2032
US	National Patent	Grant	21 Dec 2012	13/723,952	08 Aug 2013	US2013-0200806	24 Jan 2017	9,554,445	16 Jul 2034
US	Continuation-in-Part	Grant	27 Jan 2012	13/360,145			29 Nov 2016	9,510,413	27 Jun 2035
US	National Patent	Grant	27 Dec 2011	13/338,095	27 Jun 2013	US2013-0162149	02 Sep 2014	8,823,271	19 Nov 2032
US	National Patent	Grant	15 Jun 2012	13/524,607	19 Dec 2013	2013/0334967 A1	07 Oct 2014	8,853,967	05 Sep 2032
US	National Patent	Grant	09 Sep 1999	09/392,986			15 May 2001	6,231,214	09 Sep 2019
US	National Patent	Grant	26 Jun 2001	09/891,994	26 Dec 2002	US-2002-0194803	04 Nov 2003	6,640,517	26 Jun 2021
US	National Patent	Grant	14 Nov 2002	10/294,969	20 May 2004	US-2004-0095774	31 Aug 2004	6,783,265	14 Nov 2022
US	National Patent	Grant	25 Oct 2002	10/280,946	29 Apr 2004	US-2004-008095	15 Mar 2005	6,867,959	25 Oct 2022

Country	Filing Type	Current Status	Filing Date	Serial Number	Publication	Publication Number	Grant Date	Grant Number	Expiry Date (Date)
US	National Patent Divisional	Grant	28 Sep 2005	11/236,906	02 Feb 2006	US-2006-0023445	24 Apr 2007	7,207,690	02 Oct 2023
US	Continuation	Grant	28 Mar 2006	11/391,049	27 Jul 2006	US-2006-0164841	28 Aug 2007	7,261,436	02 Oct 2023
US	Design Patent	Grant	07 May 2004	29/205,050			15 Feb 2005	D501,947	15 Feb 2019
US	Design Patent	Grant	07 May 2004	29/205,015			22 Feb 2005	D502,283	22 Feb 2019
US	Design Patent	Grant	07 May 2004	29/205,016			18 Jan 2005	D501,057	18 Jan 2019
US	Design Patent	Grant	07 May 2004	29/205,017			15 Feb 2005	D501,946	15 Feb 2019
US	Design Patent	Grant	12 May 2004	29/205,296			14 Nov 2006	D531,882	14 Nov 2020
US	Design Patent	Grant	07 May 2004	29/205,018			11 Jan 2005	D500,885	11 Jan 2019
US	National Patent	Grant	25 Mar 2005	11/089,928	28 Sep 2006	US-2006-0214432	02 Sep 2008	7,419,196	01 Sep 2025
US	National Patent	Grant	15 Oct 2004	10/966,878	20 Apr 2006	US-2006-0072007	22 Jul 2008	7,401,939	02 Jun 2025
US	National Patent	Grant	30 Mar 2005	11/093,469	12 Oct 2006	US-2006-0227536	01 May 2007	7,210,826	30 Mar 2025
US	National Patent	Grant	03 Aug 2005	11/196,047	08 Feb 2007	US-2007-0030682	23 Oct 2007	7,284,877	27 Nov 2025
US	National Patent	Grant	03 Aug 2005	11/196,046	12 Apr 2007	US-2007-0081345	15 Jan 2008	7,319,593	03 Aug 2025

Country	Filing Type	Current Status	Filing Date	Serial Number	Publication	Publication Number	Grant Date	Grant Number	Expiry Date (Date)
US	National Patent	Grant	03 Aug 2005	11/196,064	08 Feb 2007	US-2007-0030686	01 Apr 2008	7,350,940	25 Oct 2025
US	Design Patent	Grant	11 May 2006	29/259,585			25 Mar 2008	D565,227	25 Mar 2022
US	Design Patent	Grant	11 May 2006	29/259,586			25 Mar 2008	D565,225	25 Mar 2022
US	Design Patent	Grant	11 May 2006	29/259,587			25 Mar 2008	D565,229	25 Mar 2022
US	National Patent	Grant	30 Jun 2006	11/478,781	03 Jan 2008	US-2005-0002414	20 Jan 2009	7,478,931	01 Jul 2026
US	National Patent	Grant	30 Jun 2006	11/478,818	03 Jan 2008	US-2008-0002406	14 Apr 2009	7,517,112	27 Dec 2026
US	National Patent	Grant	16 Aug 2006	11/505,077	21 Feb 2008	US-2008-0043467	08 Apr 2008	7,354,177	16 Aug 2026
US	National Patent	Grant	29 Sep 2006	11/541,322	03 Apr 2008	US-2008-0078141	29 Dec 2009	7,637,075	25 Nov 2027
US	National Patent	Grant	30 Sep 2006	11/541,906	03 Apr 2008	US-2008-0078141	29 Jun 2010	7,744,259	30 Sep 2026
US	National Patent	Grant	30 Sep 2006	11/541,907	03 Apr 2008	US-2008-0080192	16 Sep 2008	7,425,084	08 Oct 2026
US	Continuation-in-Part	Grant	25 Sep 2007	11/860,843	03 Apr 2008	US-2005-0080196	31 May 2011	7,952,262	28 Sep 2028
US	Continuation-in-Part	Grant	25 Sep 2007	11/860,887	03 Apr 2008	US-2005-0080196	30 Mar 2010	7,686,469	30 Sep 2026
US	Continuation	Grant	03 Dec 2009	12/629,986	17 Jun 2010	US-2010-149809	06 Dec 2011	8,070,306	30 Sep 2026

Country	Filing Type	Current Status	Filing Date	Serial Number	Publication	Publication Number	Grant Date	Grant Number	Expiry Date (Date)
US	Continuation	Grant	11 Nov 2011	13/294,459			23 Apr 2013	8,425,071	30 Sep 2026
US	Continuation	Grant	15 Mar 2013	13/834,525			26 May 2015	9,039,223	25 Sep 2027
US	Continuation	Grant	11 May 2015	14/708,558	27 Aug 2015	2015-0241051	16 Feb 2016	9,261,270	25 Sep 2027
US	Design Patent	Grant	29 Sep 2006	29/266,883			02 Sep 2008	D576,332	02 Sep 2022
US	Design Patent	Grant	29 Sep 2006	29/266,884			02 Sep 2008	D576,330	02 Sep 2022
US	National Patent	Grant	06 Oct 2006	11/855,540	10 Apr 2008	US-2008-0084698	11 Aug 2009	7,572,038	07 Nov 2026
US	Design Patent	Grant	29 Nov 2006	29/269,340			16 Sep 2008	D577,146	16 Sep 2022
US	Design Patent	Grant	21 Feb 2007	29/272,919			11 Nov 2008	D580,589	11 Nov 2022
US	Design Patent	Grant	21 Feb 2007	29/272,923			03 Jun 2008	D570,534	03 Jun 2022
US	Design Patent	Grant	21 Feb 2007	29/272,922			05 Aug 2008	D574,548	05 Aug 2022
US	National Patent	Grant	21 Feb 2007	11/677,531	21 Aug 2008	US-2008-0198609	27 Apr 2010	7,703,939	30 Sep 2027
US	National Patent	Grant	21 Feb 2007	11/708,777	21 Aug 2008	US-2008-0198611	08 Sep 2009	7,585,084	27 Jun 2027
US	National Patent	Grant	02 Apr 2007	11/695,158			20 Aug 2013	8,511,868	29 Jan 2028

Country	Filing Type	Current Status	Filing Date	Serial Number	Publication	Publication Number	Grant Date	Grant Number	Expiry Date (Date)
US	National Patent	Grant	02 Apr 2007	11/695,483			17 Nov 2009	7,618,163	03 Jun 2027
US	Design Patent	Grant	04 May 2007	29/279,658			02 Sep 2008	D576,331	02 Sep 2022
US	National Patent	Grant	03 May 2007	11/743,961	06 Nov 2008	US-2008-0272380	10 Jan 2012	8,092,042	26 Oct 2030
US	National Patent	Grant	04 May 2007	11/744,807	06 Nov 2008	US-2008-0273325	12 Jul 2011	7,976,194	12 Jun 2027
US	National Patent	Grant	04 May 2007	11/744,630	06 Nov 2008	US-2008-0273341	06 Jan 2009	7,473,011	10 Jul 2027
US	Design Patent	Grant	04 May 2007	29/279,699			05 Aug 2008	D574,549	05 Aug 2022
US	Design Patent	Grant	04 May 2007	29/279,695			15 Jul 2008	D573,298	15 Jul 2022
US	National Patent	Grant	04 May 2007	11/744,750	06 Nov 2008	US-2008-0273326	28 Jul 2009	7,566,147	04 May 2027
US	Design Patent	Grant	04 May 2007	29/279,694			03 Jun 2008	D570,535	03 Jun 2022
US	National Patent	Grant	04 May 2007	11/744,732	03 Apr 2008	US-2008-0080162	10 Aug 2010	7,771,087	06 Nov 2028
US	National Patent	Grant	23 May 2007	11/752,857	27 Nov 2008	US-2008-0278953	22 Sep 2009	7,591,567	23 May 2027
US	Continuation-in-Part	Grant	06 Jul 2007	11/774,422	06 Nov 2008	US-2008-0273327	10 May 2011	7,938,558	14 Nov 2028
US	National Patent	Grant	18 Jul 2008	12/175,600	02 Apr 2009	US-2009-0086487	12 Jun 2012	8,197,079	04 Feb 2031

Country	Filing Type	Current Status	Filing Date	Serial Number	Publication	Publication Number	Grant Date	Grant Number	Expiry Date (Date)
US	Continuation	Grant	07 Jun 2012	13/491,123	06 Jun 2013	US 2013/0141893 A1	21 Jan 2014	8,632,198	27 Aug 2028
US	National Patent	Grant	28 Sep 2007	11/864,300	02 Apr 2009	US-2009-0086490	29 Dec 2009	7,637,642	30 Jan 2028
US	Continuation	Grant	03 Jun 2013	13/908,530			10 Jan 2017	9,541,246	18 Jun 2028
US	Design Patent	Grant	07 Nov 2007	29/297,238			30 Sep 2008	D577,847	30 Sep 2022
US	National Patent	Grant	16 Nov 2007	11/941,634	21 May 2009	US-2009-0129071	29 Mar 2011	7,914,176	21 Jun 2029
US	Continuation-in-Part	Grant	21 Dec 2007	11/963,092	02 Apr 2009	US-2009-0086472	21 Sep 2010	7,798,670	02 Dec 2028
US	Design Patent	Grant	28 Mar 2008	29/305,817			12 May 2009	D592,351	12 May 2023
US	Design Patent	Grant	28 Mar 2008	29/305,818			12 May 2009	D592,342	12 May 2023
US	Design Patent	Grant	04 Apr 2008	29/306,248			27 Oct 2009	D603,077	27 Oct 2023
US	National Patent	Grant	03 Apr 2009	12/418,364			10 Jan 2012	8,092,049	13 Jul 2030
US	Continuation	Grant	21 Dec 2011	13/333,198			20 Nov 2012	8,313,222	03 Apr 2029
US	Continuation	Grant	19 Nov 2012	13/680,481	28 Mar 2013	2013/0077311 A1	07 Jan 2014	8,622,584	03 Apr 2029
US	Continuation	Grant	22 Nov 2013	14/087,971			26 May 2015	9,039,241	04 Apr 2029

Country	Filing Type	Current Status	Filing Date	Serial Number	Publication	Publication Number	Grant Date	Grant Number	Expiry Date (Date)
US	Continuation	Grant	22 May 2015	14/719,359	10 Sep 2015	2015-0252999	16 Feb 2016	9,261,271	03 Apr 2029
US	National Patent	Grant	22 Apr 2008	12/107,138	22 Oct 2009	US-2009-0262532	29 Dec 2009	7,637,630	25 Apr 2028
US	Design Patent	Grant	30 Apr 2008	29/317,521			15 Jun 2010	D617,935	15 Jun 2024
US	Design Patent	Grant	15 May 2008	29/318,242			12 May 2009	D592,343	12 May 2023
US	National Patent	Grant	26 May 2009	12/471,881	26 Nov 2009	US-2009-0290361	13 Mar 2012	8,132,944	05 May 2030
US	National Patent	Grant	27 May 2008	12/127,765	03 Dec 2009	US-2009-0296392	30 Nov 2010	7,841,734	13 Nov 2028
US	National Patent	Grant	27 May 2009	12/473,017	03 Dec 2009	US-2009-0298376	24 Jan 2012	8,101,434	20 Aug 2029
US	Design Patent	Grant	28 May 2008	29/318,807			12 May 2009	D592,344	12 May 2023
US	National Patent	Grant	15 Jul 2008	12/173,149	21 Jan 2010	US-2010-0014290	22 Feb 2011	7,891,835	15 Jul 2029
US	Continuation	Grant	26 Jan 2011	13/014,438	26 May 2011	US-2011-0122619	09 Oct 2012	8,282,239	15 Jul 2028
US	Continuation	Grant	08 Oct 2012	13/647,162	31 Jan 2013	2013/0027932 A1	20 Aug 2013	8,511,854	15 Jul 2028
US	Continuation	Grant	20 Aug 2013	13/971,505	19 Dec 2013	2013/0335968 A1	01 Jul 2014	8,764,232	15 Jul 2028
US	Continuation	Grant	22 May 2014	14/285,227	11 Sep 2014	US20140254161	08 Sep 2015	9,127,819	15 Jul 2028

Country	Filing Type	Current Status	Filing Date	Serial Number	Publication	Publication Number	Grant Date	Grant Number	Expiry Date (Date)
US	National Patent	Grant	15 Jul 2008	12/173,721	26 Nov 2009	US-2009-0290360	04 Mar 2013	8,388,193	12 Jan 2030
US	Continuation	Grant	04 Mar 2013	13/784,204	20 Mar 2014	2014-0078747	23 May 2017	9,657,918	21 Jul 2029
US	National Patent	Grant	01 Aug 2008	12/184,306	04 Feb 2010	US-2010-0027271	30 Nov 2010	7,841,750	22 May 2029
US	National Patent	Grant	28 Apr 2009	12/431,308	28 Oct 2010	US-2010-0271708	22 Dec 2015	9,217,854	28 Aug 2031
US	Continuation-in-Part	Grant	29 May 2009	12/475,194	02 Dec 2010	US-2010-0302786	08 Jan 2013	8,348,475	23 Sep 2029
US	Continuation	Grant	07 Jan 2013	13/735,701	23 Jan 2014	2014-0022797	25 Oct 2016	9,476,570	10 Dec 2029
US	Continuation	Grant	23 Jun 2015	14/747,586	08 Oct 2015	2015-0285466	08 Nov 2016	9,488,339	15 Jul 2028
US	National Patent	Grant	30 Oct 2009	12/610,077	05 May 2011	US-2011-0103051	08 Jan 2013	8,348,461	06 Sep 2030
US	Continuation	Grant	07 Jan 2013	13/735,718	10 Jul 2014	US2014-0192529	12 May 2015	9,028,097	09 Mar 2030
US	Design Patent	Grant	26 Mar 2010	29/358,365			19 Apr 2011	D636,514	19 Apr 2025
US	Design Patent	Grant	26 Mar 2010	29/358,366			19 Apr 2011	D636,516	19 Apr 2025
US	Design Patent	Grant	09 Apr 2010	29/359,365			24 May 2011	D638,566	24 May 2025
US	National Patent	Grant	07 Sep 2010	12/876,817	08 Mar 2012	US 2012/0057351	18 Jun 2013	8,465,178	26 Jan 2031



Country	Filing Type	Current Status	Filing Date	Serial Number	Publication	Publication Number	Grant Date	Grant Number	Expiry Date (Date)
US	Continuation	Grant	17 Jun 2013	13/919,327	24 Oct 2013	US 2013/0279167 A1	22 Jul 2014	8,783,913	07 Sep 2030
US	Continuation	Grant	27 Jun 2014	14/318,430	16 Oct 2014	US2014-0307436	08 Nov 2016	9,488,362	07 Sep 2030
US	National Patent	Grant	07 Sep 2010	12/876,826			18 Feb 2014	8,651,705	04 Apr 2031
US	Continuation	Grant	29 Jan 2014	14/167,624			26 Jan 2016	9,243,793	07 Sep 2030
US	National Patent	Grant	23 Dec 2010	12/977,282	28 Jun 2012	12/977,282	11 Aug 2015	9,105,206	02 Dec 2031
US	Design Patent	Grant	15 Apr 2011	29/389,769			08 May 2012	D659,281	08 May 2026
US	National Patent	Grant	05 May 2011	13/101,711	08 Nov 2012	US 2012/0281409	21 Jan 2014	8,632,213	22 Jul 2031
US	Continuation	Grant	20 Dec 2013	14/136,917			15 Dec 2015	9,212,811	06 May 2031
US	Design Patent	Grant	19 Jul 2011	29/397,627			18 Sep 2012	D667,587	18 Sep 2026
US	Design Patent	Grant	19 Jul 2011	29/397,629			18 Sep 2012	D667,586	18 Sep 2026
US	Design Patent	Grant	19 Jul 2011	29/397,630			18 Dec 2012	D672,907	18 Dec 2026
US	Design Patent	Grant	19 Jul 2011	29/397,632			18 Dec 2012	D672,908	18 Dec 2026
US	Continuation-in-Part	Grant	27 Feb 2012	13/405,891	21 Mar 2013	US2013/0069547	29 Jul 2014	8,791,641	16 Mar 2032

Country	Filing Type	Current Status	Filing Date	Serial Number	Publication	Publication Number	Grant Date	Grant Number	Expiry Date (Date)
US	Continuation	Grant	03 Jul 2014	14/323,517	23 Oct 2014	2014-0312791	26 May 2015	9,041,302	16 Sep 2031
US	National Patent	Grant	08 May 2012	13/466,304	23 May 2013	US2013-0127362	05 Dec 2017	9,835,691	12 Nov 2033
US	National Patent	Grant	08 May 2012	13/466,312			31 Jan 2017	9,560,703	11 Aug 2033
US	National Patent	Grant	01 May 2012	13/461,248	11 Jul 2013	US 2013/0176745	07 Apr 2015	8,998,633	01 May 2032
US	National Patent	Grant	29 Oct 2012	13/662,618	23 May 2013	2013-0127353	07 Oct 2014	8,853,958	29 Oct 2032
US	National Patent	Grant	02 Aug 2012	13/565,220			18 Jul 2017	9,713,226	21 Jun 2033
US	National Patent	Grant	20 Apr 2012	13/452,122	24 Oct 2013	20130280945	07 Oct 2014	8,851,913	29 Dec 2032
US	National Patent Divisional	Grant	26 Aug 2014	14/469,042	11 Dec 2014	20140362591	03 Feb 2015	8,944,835	20 Apr 2032
US	National Patent	Grant	08 May 2012	13/466,324	13 Jun 2013	2013/0147376	02 Sep 2014	8,823,272	19 Mar 2032
US	National Patent	Grant	23 Apr 2012	13/453,577	04 Jul 2013	20130170176	06 Sep 2016	9,435,524	09 Nov 2033
US	Design Patent	Grant	08 Dec 2011	29/408,232			22 Oct 2013	D692,171	22 Oct 2027
US	Design Patent Divisional	Grant	05 Jun 2013	29/456,927			28 Jan 2014	D698,478	28 Jan 2028
US	National Patent	Grant	07 Feb 2012	13/368,217	08 Aug 2013	US2013-0201670-A1	03 Oct 2017	9,777,897	05 Apr 2033

Country	Filing Type	Current Status	Filing Date	Serial Number	Publication	Publication Number	Grant Date	Grant Number	Expiry Date (Date)
US	National Patent	Grant	02 Feb 2012	13/365,180	08 Aug 2013	US2013-0201674	28 Oct 2014	8,870,417	23 Nov 2032
US	National Patent	Grant	09 Feb 2012	13/370,252	15 Aug 2013	US2013-0208457-A1	09 Dec 2014	8,905,575	27 May 2032
US	National Patent	Grant	10 Apr 2012	13/443,630	10 Oct 2013	US2013-0265751	23 Jan 2018	9,874,322	29 Oct 2033
US	National Patent	Grant	23 Apr 2012	13/453,924	24 Oct 2013	US-2013-0279161	15 Mar 2016	9,285,099	17 Mar 2033
US	National Patent	Grant	23 Apr 2012	13/453,942	24 Oct 2013	2013-0279159	08 Nov 2016	9,488,330	21 Jan 2035
US	National Patent	Grant	19 Dec 2012	13/719,786	19 Jun 2014	20140167621	06 Mar 2018	9,913,348	19 Dec 2032
US	Design Patent	Grant	08 Dec 2011	29/408,234			29 Jul 2014	D710,048	29 Jul 2028
US	National Patent	Grant	01 May 2012	13/461,384	07 Nov 2013	2013-0294109	24 Jun 2014	8,757,863	01 Sep 2032
US	Continuation	Grant	19 May 2014	14/279,822	04 Sep 2014	US2014-0246978	29 Aug 2017	9,750,106	29 Sep 2032
US	National Patent	Grant	04 Sep 2012	13/602,954	06 Mar 2014	20140063837	04 Aug 2015	9,097,396	13 Apr 2033
US	Design Patent	Grant	22 Dec 2011	29/409,434			26 Nov 2013	D694,452	26 Nov 2027
US	Design Patent	Grant	22 Dec 2011	29/409,439			07 May 2013	D681,869	07 May 2027
US	National Patent	Grant	28 Aug 2012	13/596,705	06 Mar 2014	US 2014/0063779	12 Jul 2016	9,388,947	05 Sep 2032

Country	Filing Type	Current Status	Filing Date	Serial Number	Publication	Publication Number	Grant Date	Grant Number	Expiry Date (Date)
US	Design Patent	Grant	09 Jan 2012	29/410,481			15 Oct 2013	D691,760	15 Oct 2027
US	National Patent	Grant	02 Aug 2012	13/565,272	04 Apr 2013	US 2013/0082602	15 Sep 2015	9,137,873	08 Jun 2032
US	National Patent	Grant	25 Jan 2013	13/749,796	01 Aug 2013	20130194820	06 Dec 2016	9,512,977	25 Jan 2033
US	National Patent	Grant	21 Sep 2012	13/624,268	27 Mar 2014	2014-0084801	03 Oct 2017	9,781,782	29 Jan 2035
US	National Patent	Grant	21 May 2012	13/476,259	21 Nov 2013	US2013-0307415	21 Jun 2016	9,374,858	23 Apr 2035
US	National Patent	Grant	07 Sep 2012	13/607,300	09 May 2013	US2013-0113358	12 Jan 2016	9,234,655	08 Feb 2032
US	National Patent	Grant	29 Feb 2012	13/408,882	29 Aug 2013	US 2013/0223060 A1	10 Jan 2017	9,541,257	10 Jan 2033
US	Continuation-in-Part	Grant	11 Jul 2012	13/546,099	03 Jan 2013	US2013/0002157	29 Jul 2014	8,791,642	28 May 2031
US	Continuation	Grant	10 Jun 2014	14/300,293			14 Apr 2015	9,006,986	03 Mar 2031
US	National Patent	Grant	14 Mar 2013	13/828,703	18 Sep 2014	US2014-0265888	27 Oct 2015	9,173,258	18 Jan 2034
US	National Patent	Grant	13 Apr 2012	13/446,759	17 Oct 2013	20130271972	19 Jul 2016	9,395,051	25 Sep 2032
US	Continuation-in-Part	Grant	09 May 2012	13/467,670	17 Oct 2013	20130271987	26 Apr 2016	9,322,543	25 Mar 2034
US	Continuation	Grant	01 Mar 2013	13/781,844	17 Oct 2013	20130271990	17 Jun 2014	8,752,983	13 Apr 2032

Country	Filing Type	Current Status	Filing Date	Serial Number	Publication	Publication Number	Grant Date	Grant Number	Expiry Date (Date)
US	Continuation-in-Part	Grant	22 Feb 2013	13/774,193	17 Oct 2013	20130271989	24 Jun 2014	8,757,839	22 Feb 2033
US	National Patent Divisional	Grant	02 May 2014	14/268,003	28 Aug 2014	20140239794	31 May 2016	9,353,937	22 Feb 2033
US	Design Patent	Grant	27 Apr 2012	29/419,444			25 Feb 2014	D700,387	25 Feb 2028
US	Continuation-in-Part	Grant	06 Mar 2013	13/787,727	26 Sep 2013	2013-0250579-A1	12 Apr 2016	9,310,038	18 Jun 2033
US	National Patent	Grant	15 Aug 2012	13/586,554	20 Feb 2014	2014-0049957	22 Sep 2015	9,140,441	02 Feb 2033
US	National Patent	Grant	27 Apr 2012	13/458,466	31 Oct 2013	US 2013/0286646	11 Nov 2014	8,882,311	28 Jul 2032
US	Continuation-in-Part	Grant	19 Sep 2012	13/623,006	26 Sep 2013	US 2013/0250575 A1	23 Aug 2016	9,423,096	13 May 2030
US	Design Patent	Grant	28 Nov 2011	29/407,377			30 Apr 2013	D681,250	30 Apr 2027
US	Design Patent Divisional	Grant	04 Dec 2012	29/438,853			04 Jun 2013	D683,878	04 Jun 2027
US	National Patent	Grant	06 Apr 2012	13/441,567	10 Oct 2013	US 2013/0265761 A1	01 Sep 2015	9,121,582	16 Dec 2032
US	Continuation	Grant	02 Apr 2015	14/677,478			30 Jan 2018	9,879,849	06 Apr 2032
US	Continuation-in-Part	Grant	06 Apr 2012	13/441,571	08 Nov 2012	US 2012/0281404	02 Aug 2016	9,404,634	03 Dec 2029
US	National Patent	Grant	14 Mar 2013	13/804,935	20 Mar 2014	US2014-0078715	31 May 2016	9,353,917	19 Apr 2034

Country	Filing Type	Current Status	Filing Date	Serial Number	Publication	Publication Number	Grant Date	Grant Number	Expiry Date (Date)
US	National Patent	Grant	08 Feb 2013	13/763,579	14 Aug 2014	20140228914	26 May 2015	9,039,746	06 Mar 2033
US	Continuation	Grant	31 Mar 2015	14/662,608	09 Jul 2015	20150195885	23 May 2017	9,661,715	23 Sep 2033
US	National Patent	Grant	08 Feb 2013	13/763,576			12 May 2015	9,030,103	29 Apr 2033
US	National Patent	Grant	15 Mar 2013	13/842,307	24 Oct 2013	2013-0277690	09 Jun 2015	9,054,019	15 Mar 2033
US	National Patent	Grant	17 Sep 2012	13/621,475	19 Dec 2013	2013-0337662	26 Apr 2016	9,325,134	30 Nov 2033
US	Continuation-in-Part	Grant	06 Apr 2012	13/441,540	06 Dec 2012	US 2012/0307503	09 Feb 2016	9,255,686	21 Feb 2030
US	Continuation	Grant	04 Jan 2016	14/987,199	28 Apr 2016	2016-0116135	27 Jun 2017	9,689,552	29 May 2029
US	National Patent	Grant	11 Apr 2012	13/444,588	17 Oct 2013	US 2013/0272003 A1	27 Oct 2015	9,169,983	31 Jan 2033
US	National Patent	Grant	15 Mar 2013	13/834,605	31 Oct 2013	US2013-0286637	17 Nov 2015	9,188,290	18 Jan 2034
US	National Patent	Grant	14 Mar 2013	13/830,698	18 Sep 2014	US2014-0268721	01 Aug 2016	9,423,104	13 Feb 2034
US	National Patent	Grant	14 Sep 2012	13/616,368	20 Mar 2014	2014-0077709	08 Sep 2015	9,131,571	15 Jan 2033
US	National Patent	Grant	02 May 2012	13/462,388			19 Aug 2014	8,810,144	02 May 2032
US	National Patent	Grant	06 Feb 2013	13/760,647	07 Aug 2014	US2014-0217907	18 Oct 2016	9,474,111	22 Sep 2034

Country	Filing Type	Current Status	Filing Date	Serial Number	Publication	Publication Number	Grant Date	Grant Number	Expiry Date (Date)
US	National Patent	Grant	07 Sep 2012	13/606,713	13 Mar 2014	20140070710	09 Sep 2014	8,829,800	02 Mar 2033
US	National Patent	Grant	13 Mar 2013	13/800,656	18 Sep 2014	20140265930	08 May 2018	9,967,928	27 May 2034
US	Design Patent	Grant	18 May 2012	29/422,277			06 Aug 2013	D687,579	06 Aug 2027
US	National Patent	Grant	28 Aug 2012	13/596,696	14 Nov 2013	US2013-0300310A	10 Mar 2015	8,975,825	03 Jul 2032
US	Design Patent	Grant	07 May 2012	29/420,272			14 Jan 2014	D697,664	14 Jan 2028
US	Design Patent Continuation	Grant	06 Nov 2013	29/471,928			01 Jul 2014	D708,387	01 Jul 2028
US	National Patent	Grant	27 Dec 2012	13/728,761	03 Jul 2014	US2014-0185175	11 Aug 2015	9,105,429	27 Dec 2032
US	National Patent	Grant	27 Dec 2012	13/728,660	03 Jul 2014	US2014-0184076	23 May 2017	9,661,706	05 Jul 2033
US	National Patent	Grant	08 Feb 2013	13/762,923	14 Aug 2014	US 2014/0225511	17 May 2016	9,345,091	08 Feb 2033
US	Design Patent	Grant	15 Aug 2012	29/429,731			08 Oct 2013	D691,318	08 Oct 2027
US	Design Patent	Grant	15 Aug 2012	29/429,728			11 Jun 2013	D684,291	11 Jun 2027
US	National Patent	Grant	14 Mar 2013	13/826,401	18 Sep 2014	US2014-0265922	15 Mar 2016	9,288,863	17 Jan 2034
US	National Patent	Grant	07 Feb 2013	13/761,601			03 May 2016	9,330,833	02 Aug 2034

Country	Filing Type	Current Status	Filing Date	Serial Number	Publication	Publication Number	Grant Date	Grant Number	Expiry Date (Date)
US	National Patent	Grant	26 Feb 2013	13/777,351	28 Aug 2014	US 2014/0239848	25 Oct 2016	9,480,115	31 Jan 2035
US	National Patent	Grant	20 Aug 2012	13/589,692	20 Feb 2014	US20140049186	30 Dec 2014	8,922,132	26 Dec 2032
US	Design Patent	Grant	12 Jul 2012	29/426,960			04 Feb 2014	D698,952	04 Feb 2028
US	Design Patent	Grant	15 Aug 2012	29/429,725			11 Jun 2013	D684,290	11 Jun 2027
US	Design Patent	Grant	15 Aug 2012	29/429,724			11 Jun 2013	D684,289	11 Jun 2027
US	Continuation-in-Part	Grant	14 Mar 2013	13/826,271	10 Oct 2013	US2013-0265750	06 Oct 2015	9,151,477	03 Feb 2032
US	Continuation-in-Part	Grant	30 Aug 2013	14/015,801	31 Jul 2014	US2014-0211496	22 Mar 2016	9,291,320	08 Sep 2033
US	National Patent	Grant	02 Nov 2012	13/667,463	08 May 2014	2014-0125248	12 Sep 2017	9,763,297	04 Nov 2034
US	Design Patent	Grant	31 Aug 2012	29/430,958			20 Aug 2013	D688,391	20 Aug 2027
US	National Patent	Grant	31 Aug 2012	13/601,166	06 Mar 2014	20140063089	04 Aug 2015	9,097,393	14 Jun 2033
US	National Patent	Grant	22 Oct 2012	13/657,421	24 Apr 2014	20140111984	15 Sep 2015	9,134,006	22 Oct 2032
US	National Patent	Grant	04 Jan 2013	13/734,597	10 Jul 2014	US2014-0191660	22 May 2018	9,980,356	09 Mar 2034
US	Design Patent	Grant	28 Sep 2012	29/433,382			15 Oct 2013	D691,761	15 Oct 2027



Country	Filing Type	Current Status	Filing Date	Serial Number	Publication	Publication Number	Grant Date	Grant Number	Expiry Date (Date)
US	Design Patent Divisional	Grant	15 Mar 2013	29/449,729			11 Feb 2014	D699,387	11 Feb 2028
US	National Patent	Grant	08 Nov 2012	13/672,592	08 May 2014	2014-0126195	15 Nov 2016	9,494,304	21 Jul 2033
US	Design Patent	Grant	19 Sep 2012	29/432,687			10 Dec 2013	D695,441	10 Dec 2027
US	Design Patent Continuation	Grant	21 Oct 2013	29/470,381			27 Jan 2015	D721,845	27 Jan 2029
US	Design Patent	Grant	29 Oct 2012	29/435,772			25 Mar 2014	D701,633	25 Mar 2028
US	National Patent	Grant	31 Oct 2012	13/664,895	01 May 2014	2014-0119077	01 Dec 2015	9,203,307	11 Jul 2033
US	Design Patent	Grant	26 Oct 2012	29/435,687			06 May 2014	D704,371	06 May 2028
US	National Patent	Grant	14 Nov 2012	13/676,791	13 Jun 2013	US2013-0147397	16 Jan 2018	9,871,404	09 Nov 2032
US	Design Patent	Grant	11 Oct 2012	29/434,289			05 Aug 2014	D710,519	05 Aug 2028
US	National Patent	Grant	31 Oct 2012	13/664,979	01 May 2014	2014-0119078	01 Nov 2016	9,484,805	07 Sep 2033
US	Design Patent	Grant	12 Oct 2012	29/434,452			01 Jul 2014	D708,379	01 Jul 2028
US	Design Patent	Grant	12 Oct 2012	29/434,454			01 Jul 2014	D708,380	01 Jul 2028
US	Design Patent	Grant	22 Oct 2012	29/435,253			06 Aug 2013	D687,580	06 Aug 2027

Country	Filing Type	Current Status	Filing Date	Serial Number	Publication	Publication Number	Grant Date	Grant Number	Expiry Date (Date)
US	National Patent	Grant	10 Jan 2013	13/738,575	10 Jul 2014	20140191648	14 Feb 2017	9,570,661	29 Oct 2033
US	National Patent	Grant	28 Mar 2013	13/852,040	02 Oct 2014	20140292176	15 Mar 2016	9,285,082	28 Mar 2033
US	National Patent	Grant	01 Nov 2012	13/666,094	01 May 2014	20140119007	16 Dec 2014	8,911,105	11 Dec 2032
US	Design Patent	Grant	14 Mar 2013	29/449,309			30 Jun 2015	D733,347	30 Jun 2029
US	Continuation-in-Part	Grant	01 Mar 2013	13/782,096	02 Jan 2014	20140001959	14 Feb 2017	9,572,226	27 Mar 2034
US	Continuation	Grant	26 Jan 2017	15/416,764	25 May 2017	2017-0150584	17 Oct 2017	9,795,016	20 Aug 2032
US	National Patent	Grant	01 Mar 2013	13/782,022	19 Jun 2014	20140167620	06 Oct 2015	9,155,165	19 Apr 2033
US	National Patent	Grant	01 Mar 2013	13/782,040	02 Jan 2014	20140001963	10 Mar 2015	8,975,827	18 Dec 2032
US	National Patent	Grant	01 Mar 2013	13/782,053	19 Jun 2014	20140167653	06 Oct 2015	9,155,166	06 Jun 2033
US	National Patent	Grant	01 Mar 2013	13/782,068	19 Jun 2014	20140167642	30 Aug 2016	9,433,061	01 Mar 2033
US	National Patent	Grant	01 Mar 2013	13/782,078	19 Jun 2014	20140167622	09 Sep 2014	8,829,821	18 Dec 2032
US	Continuation-in-Part	Grant	22 Feb 2013	13/774,078	17 Oct 2013	20130271981	09 Aug 2016	9,410,687	26 May 2034
US	Continuation	Grant	01 Mar 2013	13/781,847	17 Oct 2013	20130271991	26 Nov 2013	8,591,062	22 Feb 2033

Country	Filing Type	Current Status	Filing Date	Serial Number	Publication	Publication Number	Grant Date	Grant Number	Expiry Date (Date)
US	National Patent Divisional	Grant	05 Aug 2016	15/229,218	15 Dec 2016	2016-0363269	07 Nov 2017	9,810,379	22 Feb 2033
US	Design Patent	Grant	22 Oct 2012	29/435,254			07 Oct 2014	D714,971	07 Oct 2028
US	Design Patent Divisional	Grant	14 Aug 2014	29/499,296			20 Oct 2015	D741,509	20 Oct 2029
US	National Patent	Grant	15 Mar 2013	13/842,521	31 Jul 2014	US2014-0212090	13 Dec 2016	9,519,095	16 Feb 2034
US	Design Patent	Grant	14 Mar 2013	29/449,316			01 Sep 2015	D738,026	01 Sep 2029
US	National Patent	Grant	14 Jan 2013	13/740,880	17 Jul 2014	US2014-0197291	06 Jan 2015	8,925,884	14 Jan 2033
US	Continuation-in-Part	Grant	01 Mar 2013	13/782,820	08 May 2014	2014-0126196	01 Nov 2016	9,482,396	08 Nov 2032
US	Continuation	Grant	15 Mar 2013	13/840,812	08 May 2014	2014-0126197	22 Mar 2016	9,291,316	04 Jan 2033
US	Continuation-in-Part	Grant	21 May 2013	13/899,314	08 May 2014	2014-0126193	13 Sep 2016	9,441,818	08 Nov 2032
US	National Patent	Grant	24 Jan 2013	13/749,082	24 Jul 2014	US2014-0203714	30 Oct 2018	10,117,295	18 Aug 2035
US	Continuation-in-Part	Grant	16 Jul 2013	13/943,455	24 Jul 2014	US2014-0204571	06 Sep 2016	9,439,249	09 May 2033
US	National Patent	Grant	15 Mar 2013	13/833,006			06 Sep 2016	9,435,526	18 Jun 2034
US	National Patent	Grant	15 Mar 2013	13/839,949	31 Jul 2014	2014-0211476	28 Feb 2017	9,581,751	12 Sep 2033

Country	Filing Type	Current Status	Filing Date	Serial Number	Publication	Publication Number	Grant Date	Grant Number	Expiry Date (Date)
US	National Patent	Grant	15 Mar 2013	13/834,012	18 Sep 2014	US20140268631	07 Mar 2017	9,587,790	10 Sep 2034
US	National Patent	Grant	13 Mar 2013	13/801,658	18 Sep 2014	2014-0265886	25 Nov 2014	8896229	04 Jun 2033
US	Continuation-in-Part	Grant	15 Mar 2013	13/839,922			13 Sep 2016	9,441,824	07 May 2030
US	Continuation	Grant	15 Mar 2013	13/842,150	08 May 2014	2014-0126190	19 Jul 2016	9,395,056	08 Nov 2032
US	National Patent	Grant	21 Feb 2013	13/772,436	12 Jun 2014	20140160742	23 Jun 2015	9,062,867	03 Jul 2033
US	Continuation	Grant	15 May 2015	14/713,163	03 Sep 2015	20150247625	03 Jan 2017	9,534,767	21 Feb 2033
US	National Patent	Grant	15 Mar 2013	13/841,074	18 Sep 2014	US2014-0270672	18 Apr 2017	9,625,638	25 Dec 2033
US	National Patent Divisional	Grant	08 Mar 2017	15/453,297	22 Jun 2017	2017-0176666	05 Sep 2017	9,753,210	15 Mar 2033
US	Design Patent	Grant	12 Dec 2012	29/439,562			01 Apr 2014	D701,989	01 Apr 2028
US	Design Patent	Grant	12 Dec 2012	29/439,564			01 Apr 2014	D701,990	01 Apr 2028
US	National Patent	Grant	15 Mar 2013	13/836,713	18 Sep 2014	20140268885	05 May 2015	9,022,616	29 Jun 2033
US	National Patent	Grant	15 Mar 2013	13/837,200	18 Sep 2014	20140268732	05 May 2015	9,022,599	19 Jul 2033
US	Continuation-in-Part	Grant	04 Jan 2013	13/734,327	01 May 2014	US 2014/0117964	29 Nov 2016	9,509,215	23 Sep 2033

Country	Filing Type	Current Status	Filing Date	Serial Number	Publication	Publication Number	Grant Date	Grant Number	Expiry Date (Date)
US	National Patent Divisional	Grant	23 Nov 2016	15/359,737			12 Jun 2018	9,998,027	31 Oct 2032
US	National Patent	Grant	31 Jan 2013	13/756,005	31 Jul 2014	US 2014/0213094	19 Apr 2016	9,316,382	19 Dec 2033
US	National Patent	Grant	11 Mar 2013	13/792,457	11 Sep 2014	US 2014/0253056	09 Jan 2018	9,866,117	02 Jan 2034
US	Continuation-in-Part	Grant	11 Feb 2013	13/764,743	20 Feb 2014	2014-0449961	26 Jan 2016	9,243,794	14 Feb 2034
US	Continuation-in-Part	Grant	11 Feb 2013	13/764,736	31 Jul 2014	US20140211470	29 Dec 2015	9,222,632	10 May 2033
US	Design Patent	Grant	31 Jan 2013	29/444,511			25 Nov 2014	D718,482	25 Nov 2028
US	National Patent	Grant	15 Mar 2013	13/835,900	18 Sep 2014	20140270793	11 Jul 2017	9,705,594	24 Apr 2034
US	National Patent	Grant	12 Mar 2013	13/795,462	18 Sep 2014	US2014-0265895	29 Sep 2015	9,148,048	12 Mar 2033
US	National Patent	Grant	15 Mar 2013	13/844,431	18 Sep 2014	US2014-0268747	09 Jun 2015	9,052,075	15 Mar 2033
US	National Patent	Grant	11 Mar 2013	13/793,325	07 Aug 2014	20140218931	05 Apr 2016	9,303,857	27 Mar 2033
US	National Patent	Grant	06 Mar 2013	13/787,579	11 Sep 2014	US2014-0252940	10 Nov 2015	9,182,096	06 Mar 2033
US	Design Patent	Grant	06 Mar 2013	29/447,793			27 Jan 2015	D721,844	27 Jan 2029
US	Design Patent Divisional	Grant	16 Jan 2015	29/514,861			10 Nov 2015	D743,084	10 Nov 2029

Country	Filing Type	Current Status	Filing Date	Serial Number	Publication	Publication Number	Grant Date	Grant Number	Expiry Date (Date)
US	Design Patent	Grant	15 Mar 2013	29/449,880			10 Dec 2013	D695,431	10 Dec 2027
US	National Patent	Grant	01 Mar 2013	13/782,131	19 Jun 2014	20140167623	16 Dec 2014	8,912,735	18 Dec 2032
US	National Patent	Grant	15 Mar 2013	13/841,651	18 Sep 2014	US2014-0268800	28 Jul 2015	9,091,417	15 Mar 2033
US	National Patent	Grant	15 Mar 2013	13/842,557	18 Sep 2014	2014-0268825	23 Jun 2015	9,062,869	18 Jul 2033
US	Design Patent	Grant	15 Mar 2013	29/450,107			04 Feb 2014	D698,989	04 Feb 2028
US	Continuation-in-Part	Grant	18 Jul 2013	13/945,255	11 Sep 2014	US2014-0252965	23 Aug 2016	9,425,687	31 Jan 2034
US	Continuation-in-Part	Grant	11 Feb 2013	13/764,746	14 Aug 2014	US2014-0226339	15 Dec 2015	9,212,812	13 Jun 2033
US	Continuation-in-Part	Grant	11 Feb 2013	13/764,749	14 Aug 2014	US2014-0226331	06 Sep 2016	9,435,519	18 Jun 2033
US	National Patent	Grant	06 Mar 2013	13/787,571	11 Sep 2014	US2014-0254179	25 Jul 2017	9,714,761	06 Mar 2033
US	National Patent	Grant	15 Mar 2013	13/833,608	18 Sep 2014	20140265919	28 Aug 2018	10,064,251	03 Jul 2034
US	National Patent	Grant	15 Mar 2013	13/837,379	18 Sep 2014	20140268794	26 Jan 2016	9,243,777	11 May 2033
US	Design Patent	Grant	04 Mar 2013	29/447,509			09 Sep 2014	D712,846	09 Sep 2028
US	Design Patent	Grant	15 Mar 2013	29/449,882			02 Dec 2014	D718,897	02 Dec 2028

Country	Filing Type	Current Status	Filing Date	Serial Number	Publication	Publication Number	Grant Date	Grant Number	Expiry Date (Date)
US	Design Patent	Grant	16 Jul 2013	29/460,890			08 Apr 2014	D702,377	08 Apr 2028
US	Continuation	Grant	10 Jul 2013	13/938,877	31 Jul 2014	US2014-0211508	12 Jul 2016	9,389,367	15 Mar 2033
US	Continuation	Grant	25 Sep 2015	14/866,373	21 Jan 2016	2016-0018584	21 Nov 2017	9,823,408	15 Mar 2033
US	Continuation-in-Part	Grant	15 Mar 2013	13/842,776	29 Aug 2013	US 2013/0223072 A1	10 Jan 2017	9,541,258	20 Sep 2033
US	National Patent	Grant	15 Mar 2013	13/842,012	18 Sep 2014	US2014-0268765	19 Jan 2016	9,239,150	28 Mar 2033
US	Design Patent	Grant	15 Mar 2013	29/449,921			24 Jun 2014	D707,874	24 Jun 2028
US	Design Patent	Grant	15 Mar 2013	29/449,434			25 Nov 2014	D718,490	25 Nov 2028
US	Design Patent	Grant	15 Mar 2013	29/450,283			07 Jul 2015	D733,952	07 Jul 2029
US	National Patent	Grant	22 May 2013	13/900,060	27 Nov 2014	US 2014/0346874	03 Jan 2017	9,537,407	30 Jul 2035
US	National Patent	Grant	15 Mar 2013	13/838,198	18 Sep 2014	20140268819	23 May 2017	9,657,922	13 Jun 2033
US	National Patent	Grant	13 Mar 2014	14/207,847	18 Sep 2014	20140268772	30 May 2017	9,664,369	29 May 2034
US	Design Patent	Grant	31 May 2013	29/456,413			19 Nov 2013	D693,948	19 Nov 2027
US	National Patent	Grant	14 Mar 2013	13/828,516	18 Sep 2014	20140268808	25 Aug 2015	9,115,870	06 Sep 2033

Country	Filing Type	Current Status	Filing Date	Serial Number	Publication	Publication Number	Grant Date	Grant Number	Expiry Date (Date)
US	National Patent	Grant	14 Mar 2013	13/803,841	18 Sep 2014	20140268826	09 Jun 2015	9,052,093	14 Mar 2033
US	Continuation	Grant	29 Apr 2015	14/699,227	27 Aug 2015	20150241049	16 May 2017	9,651,239	16 Apr 2033
US	Design Patent	Grant	22 Apr 2013	29/452,813			01 Dec 2015	D744,669	01 Dec 2029
US	Design Patent	Grant	14 Mar 2013	29/449,318			26 May 2015	D730,558	26 May 2029
US	National Patent	Grant	14 Mar 2013	13/827,224	18 Sep 2014	US2014-0266125	23 May 2017	9,658,638	10 Dec 2033
US	Continuation-in-Part	Grant	16 Jul 2013	13/943,376	15 May 2014	2014-0132164	15 Sep 2015	9,137,866	11 Jan 2034
US	National Patent	Grant	12 Mar 2014	14/206,825	18 Sep 2014	20140268771	06 Sep 2016	9,435,492	01 Aug 2034
US	Continuation-in-Part	Grant	02 May 2013	13/875,670	24 Oct 2013	20130279175	12 Apr 2016	9,310,028	28 Oct 2033
US	Design Patent	Grant	18 Apr 2013	29/452,552			08 Apr 2014	D702,375	08 Apr 2028
US	Design Patent	Grant	18 Apr 2013	29/452,550			16 Jun 2015	D732,210	16 Jun 2029
US	National Patent	Grant	11 Jul 2013	13/939,821	14 Nov 2013	20130301252	12 Apr 2016	9,310,065	04 Apr 2034
US	Continuation-in-Part	Grant	11 Jul 2013	13/939,827	07 Nov 2013	20130294092	19 Jul 2016	9,395,074	07 Feb 2033
US	Continuation-in-Part	Grant	22 Apr 2013	13/868,021	02 Jan 2014	20140001952	22 May 2018	9,980,350	14 Apr 2034



Country	Filing Type	Current Status	Filing Date	Serial Number	Publication	Publication Number	Grant Date	Grant Number	Expiry Date (Date)
US	Continuation-in-Part	Grant	06 Sep 2013	14/020,750	20 Mar 2014	US-2014-0078727	21 Nov 2017	9,822,951	28 Oct 2031
US	Continuation-in-Part	Grant	06 Sep 2013	14/020,757	02 Mar 2014	US2014-0078728	28 Feb 2017	9,581,312	29 Jun 2031
US	Continuation-in-Part	Grant	27 Aug 2013	14/010,868	06 Feb 2014	20140036497	12 Jan 2016	9,234,638	13 Apr 2032
US	Continuation-in-Part	Grant	19 May 2014	14/281,131	11 Sep 2014	US2014-0252967	05 Dec 2017	9,839,083	28 Aug 2031
US	National Patent	Grant	02 Oct 2013	14/044,493	02 Apr 2015	20150092449	16 May 2017	9,651,209	27 Mar 2035
US	Continuation	Grant	26 May 2015	14/721,498	10 Sep 2015	20150252971	01 May 2018	9,958,122	02 Oct 2033
US	National Patent	Grant	01 Jul 2013	13/932,717	01 Jan 2015	US2015-0002049	22 Dec 2015	9,220,146	01 Jul 2033
US	National Patent	Grant	19 Nov 2013	14/084,183			01 Mar 2016	9,273,860	03 Apr 2034
US	National Patent	Grant	16 Jul 2013	13/943,152	01 Jan 2015	20150003069	29 Dec 2015	9,222,659	16 Jul 2033
US	Continuation-in-Part	Grant	30 Apr 2014	14/265,823	01 Jan 2015	20150003070	27 Oct 2015	9,169,977	16 Jul 2033
US	National Patent	Grant	03 Oct 2013	14/045,149	09 Apr 2015	20150098238	18 Oct 2016	9,470,373	14 Mar 2034
US	National Patent	Grant	25 Nov 2014	14/553,004	10 Sep 2015	2015-0257216	13 Jun 2017	9,681,507	25 Nov 2034
US	Design Patent	Grant	02 Aug 2013	29/462,422			28 Apr 2015	D728,140	28 Apr 2029

Country	Filing Type	Current Status	Filing Date	Serial Number	Publication	Publication Number	Grant Date	Grant Number	Expiry Date (Date)
US	Continuation-in-Part	Grant	02 Aug 2013	13/958,461	18 Sep 2014	US2014-0268748	23 Jan 2018	9,874,333	14 Mar 2033
US	Design Patent	Grant	25 Sep 2013	29/467,949			13 Oct 2015	D740,972	13 Oct 2029
US	National Patent	Grant	15 Nov 2013	14/080,986	21 May 2015	20150138776	03 Jan 2017	9,534,739	19 Dec 2033
US	National Patent	Grant	11 Oct 2013	14/052,336	16 Apr 2015	US 2015/0102729	11 Apr 2017	9,622,321	21 Feb 2034
US	National Patent	Grant	31 Jul 2013	13/955,689	05 Feb 2015	2015-0035443	09 May 2017	9,648,695	07 Jul 2035
US	Design Patent	Grant	11 Oct 2013	29/469,626			22 Sep 2015	D739,359	22 Sep 2029
US	Continuation-in-Part	Grant	09 Dec 2013	14/101,086	31 Jul 2014	US2014-0211502	27 Jun 2017	9,690,029	20 Aug 2033
US	PCT Application	Grant	30 Jan 2014	14/764,500	07 Jan 2016	2016-0005920	26 Sep 2017	9,773,760	30 Jan 2034
US	Continuation-in-Part	Grant	09 Dec 2013	14/101,099	31 Jul 2014	US2014-0211504	09 Aug 2016	9,411,086	20 Aug 2033
US	Continuation-in-Part	Grant	09 Dec 2013	14/101,132	31 Jul 2014	US2014-0211503	13 Sep 2016	9,442,243	12 May 2033
US	Continuation-in-Part	Grant	09 Dec 2013	14/101,147	31 Jul 2014	US2014-0211462	16 Jan 2018	9,869,432	30 Jun 2034
US	National Patent	Grant	05 Nov 2013	14/071,733	07 May 2015	US 2015/0123565	08 Sep 2015	9,130,465	01 Mar 2034
US	Design Patent	Grant	06 Sep 2013	29/466,391			09 May 2017	D786,471	09 May 2031

Country	Filing Type	Current Status	Filing Date	Serial Number	Publication	Publication Number	Grant Date	Grant Number	Expiry Date (Date)
US	Design Patent	Grant	19 Nov 2013	29/473,157			03 Nov 2015	D742,334	03 Nov 2029
US	National Patent Divisional	Grant	08 Jan 2016	14/991,581	05 May 2016	2016-0124135	18 Apr 2017	9,625,636	15 Mar 2033
US	National Patent	Grant	03 Oct 2013	14/044,936	09 Apr 2015	20150098206	10 Jan 2017	9,541,241	16 Nov 2033
US	National Patent	Grant	30 Jan 2014	14/168,230	30 Jul 2015	20150211723	24 Jul 2018	10,030,819	30 Jan 2034
US	Continuation-in-Part	Grant	09 Dec 2013	14/101,051	31 Jul 2014	US 2014/0211497	14 Jun 2016	9,366,396	15 Mar 2033
US	National Patent	Grant	01 Nov 2013	14/070,116	07 May 2015	2015-0124449	01 Mar 2016	9,273,833	05 May 2034
US	Continuation-in-Part	Grant	16 Oct 2013	14/055,264	24 Jul 2014	US2014-0203717	16 Oct 2018	10,104,723	12 Jun 2033
US	Continuation-in-Part	Grant	18 Apr 2014	14/256,573			07 Aug 2018	10,045,406	21 Feb 2033
US	National Patent	Grant	14 Nov 2013	14/079,743	14 May 2015	20150131293	16 May 2017	9,651,240	24 Dec 2033
US	Design Patent	Grant	05 Feb 2014	29/481,410			28 Apr 2015	D728,142	28 Apr 2029
US	Design Patent	Grant	20 Dec 2013	29/477,387			13 Oct 2015	D740,765	13 Oct 2029
US	National Patent	Grant	18 Apr 2008	12/148,531	30 Oct 2008	US 2008/0265799	11 Oct 2011	8,035,320	16 Apr 2030
US	Reissue	Grant	11 Oct 2013	14/051,709			06 Jun 2017	RE46430	16 Apr 2030

Country	Filing Type	Current Status	Filing Date	Serial Number	Publication	Publication Number	Grant Date	Grant Number	Expiry Date (Date)
US	National Patent	Grant	25 Oct 2013	14/063,843	30 Apr 2015	20150115816	07 Mar 2017	9,591,707	08 Jun 2035
US	National Patent	Grant	25 Oct 2013	14/063,923	30 Apr 2015	201500115811	17 Jan 2017	9,549,443	03 Apr 2035
US	National Patent	Grant	20 Feb 2014	14/185,123	20 Aug 2015	2015-0233544	07 Jun 2016	9,360,188	20 Feb 2034
US	National Patent	Grant	11 Dec 2013	14/103,063	11 Jun 2015	20150159848	23 Aug 2016	9,423,116	18 Jul 2034
US	Design Patent	Grant	01 Nov 2013	29/471,578			08 Mar 2016	D751,240	08 Mar 2030
US	National Patent	Grant	06 Nov 2013	14/073,428	06 Mar 2014	20140063810	13 Sep 2016	9,441,819	02 Jun 2034
US	Continuation-in-Part	Grant	06 Nov 2013	14/073,446	06 Mar 2014	20140063818	30 Aug 2016	9,429,296	04 Apr 2034
US	National Patent	Grant	04 Jun 2014	14/296,196			22 Nov 2016	9,504,105	04 Jun 2034
US	National Patent	Grant	04 Jun 2014	14/296,216	10 Dec 2015	US 2015/0357908	16 May 2017	9,655,175	05 Oct 2034
US	National Patent	Grant	25 Mar 2014	14/224,501	25 Jun 2015	20150176770	08 Aug 2017	9,726,330	24 Nov 2035
US	National Patent	Grant	04 Mar 2014	14/196,495	10 Sep 2015	2015-0253361	06 Sep 2016	9,435,834	25 Nov 2034
US	Continuation-in-Part	Grant	14 Jan 2014	14/155,061	08 May 2014	2014-0126206	16 Aug 2016	9,416,926	14 Aug 2029
US	Continuation	Grant	15 Aug 2016	15/236,612	01 Dec 2016	2016-0348858	06 Nov 2018	10,119,662	06 Sep 2029

Country	Filing Type	Current Status	Filing Date	Serial Number	Publication	Publication Number	Grant Date	Grant Number	Expiry Date (Date)
US	National Patent	Grant	03 Jan 2014	14/147,268	09 Jul 2015	2015-0192267	20 Dec 2016	9,523,479	10 Sep 2034
US	Continuation-in-Part	Grant	24 Feb 2014	14/188,184	04 Sep 2014	US 2014/0247590	14 Mar 2017	9,593,837	03 Apr 2029
US	Continuation	Grant	01 Feb 2017	15/421,999			07 Aug 2018	10,045,418	03 Apr 2029
US	Design Patent	Grant	31 Dec 2013	29/478,149			03 Feb 2016	D750,317	03 Feb 2030
US	National Patent	Grant	28 Aug 2014	14/471,991	09 Jul 2015	2015-0192742	16 May 2017	9,651,740	28 Aug 2034
US	National Patent	Grant	29 Oct 2014	14/527,405	23 Jul 2015	2015-0204491	11 Oct 2016	9,464,778	26 Feb 2035
US	Design Patent	Grant	16 Dec 2013	29/476,731			23 Feb 2016	D750,308	23 Feb 2030
US	Continuation-in-Part	Grant	14 Apr 2014	14/252,685	18 Jun 2015	2015-0167902	16 Oct 2018	10,100,988	16 Dec 2033
US	National Patent	Grant	23 Apr 2014	14/259,993	29 Oct 2015	20150308633	14 Mar 2017	9,593,812	03 Dec 2034
US	National Patent	Grant	23 Apr 2014	14/260,048	29 Oct 2015	20150312990	19 Jan 2016	9,241,384	23 Apr 2034
US	National Patent	Grant	06 Jun 2014	14/298,229	10 Dec 2015	20150359050	17 Nov 2015	9,192,013	06 Jun 2034
US	National Patent	Grant	23 Jul 2014	14/338,895	28 Jan 2016	20160025273	03 Jan 2017	9,534,741	23 Jul 2034
US	National Patent	Grant	06 Jun 2014	14/298,327	10 Dec 2015	20150357372	06 Dec 2016	9,515,056	06 Jun 2034

Country	Filing Type	Current Status	Filing Date	Serial Number	Publication	Publication Number	Grant Date	Grant Number	Expiry Date (Date)
US	National Patent	Grant	25 Feb 2014	14/189,330	27 Aug 2015	20150240998	13 Dec 2016	9,518,704	25 Feb 2034
US	National Patent	Grant	04 Mar 2014	14/196,352	10 Sep 2015	20150252953	12 Sep 2017	9,759,387	02 Apr 2034
US	Design Patent	Grant	02 Feb 2014	29/481,156			22 Nov 2016	D772,465	22 Nov 2030
US	Design Patent Divisional	Grant	30 Apr 2015	29/525,657			09 Jan 2018	D807,556	09 Jan 2032
US	National Patent	Grant	15 May 2014	14/278,443	30 Jul 2015	20150216017	15 Mar 2016	9,288,877	02 May 2034
US	Design Patent	Grant	27 Jan 2014	29/480,523			22 Mar 2016	D752,273	22 Mar 2030
US	National Patent	Grant	23 Apr 2014	14/259,232	19 Oct 2015	20150308628	08 Nov 2016	9,488,322	05 Jun 2034
US	Design Patent	Grant	06 Feb 2014	29/481,543			16 Feb 2016	D749,768	16 Feb 2030
US	PCT Application	Grant	14 Sep 2015	14/776,478	18 Feb 2016	2016-0047969	14 Feb 2017	9,568,662	15 Mar 2033
US	National Patent	Grant	19 Mar 2014	14/219,627	24 Sep 2015	20150267879	03 May 2016	9,328,876	14 Nov 2034
US	National Patent	Grant	03 Feb 2005	11/050,542			24 Jul 2007	7,246,921	05 Apr 2025
US	National Patent	Grant	12 May 2004	10/844,153			19 Sep 2006	7,108,386	09 Aug 2024
US	National Patent	Grant	25 Mar 2014	14/224,520	01 Oct 2015	20150276137	12 Jul 2016	9,388,948	25 Mar 2034

Country	Filing Type	Current Status	Filing Date	Serial Number	Publication	Publication Number	Grant Date	Grant Number	Expiry Date (Date)
US	Continuation-in-Part	Grant	30 Jun 2014	14/319,066	01 Oct 2015	20150276140	03 May 2016	9,328,874	25 Mar 2034
US	Continuation-in-Part	Grant	26 Sep 2014	14/498,119	08 Jan 2015	20150008827	11 Jul 2017	9,706,617	20 Aug 2032
US	Continuation-in-Part	Grant	26 Sep 2014	14/498,147	08 Jan 2015	20150008831	25 Jul 2017	9,717,125	20 Aug 2032
US	Continuation-in-Part	Grant	26 Sep 2014	14/498,168	19 Feb 2015	20150048758	16 Jan 2018	9,872,367	20 Aug 2032
US	Continuation-in-Part	Grant	26 Sep 2014	14/498,197	08 Jan 2015	20150008828	01 Aug 2017	9,723,673	24 Aug 2032
US	Continuation-in-Part	Grant	26 Sep 2014	14/498,219	15 Jan 2015	20150015145	01 Aug 2017	9,723,696	27 Sep 2034
US	National Patent	Grant	24 Mar 2014	14/223,324	24 Sep 2015	20150271888	04 Oct 2016	9,462,651	02 Aug 2034
US	National Patent	Grant	12 Sep 2014	14/485,609	11 Jun 2015	2015-0160396	24 Apr 2018	9,952,372	12 Sep 2034
US	Continuation-in-Part	Grant	13 Mar 2015	14/657,988	10 Sep 2015	2015-0253488	18 Jul 2017	9,709,725	15 Mar 2033
US	Continuation-in-Part	Grant	27 Mar 2015	14/671,512	16 Jul 2015	2015-0198760	28 Feb 2017	9,581,750	15 Mar 2033
US	National Patent	Grant	30 May 2014	14/292,778	27 Nov 2014	2014-0347885	14 Jun 2016	9,366,799	15 Mar 2033
US	National Patent	Grant	01 Aug 2014	14/449,531	04 Feb 2016	20160037597	18 Jul 2017	9,713,225	01 Aug 2034
US	Design Patent	Grant	25 Mar 2014	29/485,940			22 Dec 2015	D745,985	22 Dec 2029

Country	Filing Type	Current Status	Filing Date	Serial Number	Publication	Publication Number	Grant Date	Grant Number	Expiry Date (Date)
US	Design Patent	Grant	25 Mar 2014	29/485,942			29 Dec 2015	D746,491	29 Dec 2029
US	National Patent	Grant	30 May 2014	14/292,387	15 Oct 2015	20150292686	07 Feb 2017	9,562,677	11 Apr 2034
US	National Patent	Grant	25 Mar 2014	14/224,531	01 Oct 2015	20150276138	27 Mar 2018	9,927,100	27 Oct 2034
US	Continuation-in-Part	Grant	04 Jun 2014	14/295,830	01 Oct 2015	20150276139	19 Sep 2017	9,765,935	25 Mar 2034
US	National Patent	Grant	13 Mar 2014	14/209,390	17 Sep 2015	2015-0260377	02 May 2017	9,638,405	30 Nov 2034
US	National Patent	Grant	16 Apr 2014	14/254,390	22 Oct 2015	20150300619	06 Sep 2016	9,435,528	24 Jul 2034
US	Design Patent	Grant	23 May 2014	29/491,797			12 Apr 2016	D753,864	12 Apr 2030
US	Continuation-in-Part	Grant	07 Apr 2014	14/246,776	07 Aug 2014	US2014-0218941	12 May 2015	9,028,087	15 Mar 2033
US	Continuation	Grant	11 May 2015	14/708,422	27 Aug 2015	2015-0241050	09 Feb 2016	9,255,705	15 Mar 2033
US	Continuation	Grant	08 Feb 2016	15/017,971	02 Jun 2016	2016-0153649	03 Jan 2017	9,534,775	30 Sep 2026
US	Design Patent	Grant	11 Mar 2014	29/484,541			26 Jan 2016	D748,296	26 Jan 2030
US	Design Patent	Grant	13 Mar 2014	29/484,879			24 Nov 2015	D743,914	24 Nov 2029
US	National Patent	Grant	19 May 2014	14/281,106	19 Nov 2015	20150330580	24 Apr 2018	9,951,910	04 Aug 2034



Country	Filing Type	Current Status	Filing Date	Serial Number	Publication	Publication Number	Grant Date	Grant Number	Expiry Date (Date)
US	Design Patent	Grant	16 Jul 2014	29/496,754			16 Aug 2016	D764,091	16 Aug 2030
US	National Patent	Grant	18 Aug 2014	14/462,391	04 Dec 2014	US2014-0355297	06 Dec 2016	9,513,424	27 Dec 2034
US	Design Patent	Grant	18 Aug 2014	29/499,708			12 Jul 2016	D761,483	12 Jul 2030
US	Design Patent Continuation	Grant	16 Feb 2015	29/517,728			24 Jan 2017	D777,368	24 Jan 2031
US	Design Patent	Grant	30 May 2014	29/492,514			01 Sep 2015	D738,033	01 Sep 2029
US	Continuation-in-Part	Grant	19 May 2014	14/281,173	11 Sep 2014	US2014-0254199	03 Jul 2018	10,012,371	20 Nov 2032
US	National Patent	Grant	30 May 2014	14/291,829	29 Oct 2015	20150312983	17 Oct 2017	9,791,110	07 Aug 2034
US	National Patent	Grant	22 May 2014	14/284,781			11 Apr 2017	9,618,162	07 Nov 2034
US	Design Patent	Grant	14 Apr 2014	29/487,957			05 Jul 2016	D760,946	05 Jul 2030
US	Design Patent	Grant	01 May 2014	29/489,654			29 Dec 2015	D746,492	29 Dec 2029
US	Design Patent	Grant	14 Apr 2014	29/487,979			24 May 2016	D757,324	24 May 2030
US	National Patent	Grant	30 May 2014	14/292,001	29 Oct 2015	20150312974	05 Apr 2016	9,303,823	30 May 2034
US	Design Patent	Grant	19 May 2014	29/491,189			09 Jun 2015	D731,689	09 Jun 2029

Country	Filing Type	Current Status	Filing Date	Serial Number	Publication	Publication Number	Grant Date	Grant Number	Expiry Date (Date)
US	Design Patent	Grant	02 May 2014	29/489,833			10 Nov 2015	D743,088	10 Nov 2029
US	National Patent	Grant	02 May 2014	14/269,077	05 Nov 2015	2015-0316249	07 Nov 2017	9,810,421	05 Feb 2035
US	Design Patent	Grant	22 May 2014	29/491,583			06 Oct 2015	D740,456	06 Oct 2029
US	Design Patent	Grant	28 May 2014	29/492,058			05 Jan 2016	D747,011	05 Jan 2030
US	Continuation-in-Part	Grant	28 May 2014	14/288,896	05 Mar 2015	20150062909	24 Apr 2018	9,951,909	27 Jun 2034
US	National Patent	Grant	18 Aug 2014	14/462,322	03 Dec 2015	US2015-0345747	25 Apr 2017	9,632,295	01 Oct 2034
US	National Patent	Grant	30 May 2014	14/292,332	03 Dec 2015	20150351169	01 Aug 2017	9,723,680	30 May 2034
US	National Patent	Grant	30 May 2014	14/292,363	03 Dec 2015	20150351191	17 Jan 2017	9,549,448	30 May 2034
US	National Patent	Grant	17 Jun 2014	14/306,342	17 Dec 2015	20150362168	11 Apr 2017	9,618,163	10 Nov 2034
US	Design Patent	Grant	07 Jan 2015	29/513,980			27 Jun 2017	D790,737	27 Jun 2031
US	National Patent	Grant	22 May 2014	14/284,643			17 Nov 2015	9,192,016	22 May 2034
US	Design Patent	Grant	30 May 2014	29/492,459			05 Jan 2016	D747,012	05 Jan 2030
US	Design Patent	Grant	04 Jun 2014	29/492,950			22 Mar 2016	D752,250	22 Mar 2030

Country	Filing Type	Current Status	Filing Date	Serial Number	Publication	Publication Number	Grant Date	Grant Number	Expiry Date (Date)
US	National Patent	Grant	11 Aug 2014	14/456,150	11 Feb 2016	20160040863	10 Apr 2018	9,939,118	05 Dec 2034
US	Design Patent	Grant	30 May 2014	29/492,519			16 Feb 2016	D749,776	16 Feb 2030
US	Design Patent	Grant	30 May 2014	29/492,522			01 Sep 2015	D738,034	01 Sep 2029
US	Design Patent Divisional	Grant	03 Apr 2015	29/522,922			24 May 2016	D757,348	24 May 2030
US	Design Patent	Grant	30 May 2014	29/492,523			10 Nov 2015	D743,090	10 Nov 2029
US	Design Patent Divisional	Grant	03 Apr 2015	29/522,924			24 May 2016	D757,349	24 May 2030
US	National Patent	Grant	08 Apr 2015	14/681,846	13 Oct 2016	2016-0302279	27 Sep 2016	9,456,482	08 Apr 2035
US	National Patent	Grant	05 Aug 2014	14/451,623	11 Feb 2016	20160041324	08 Nov 2016	9,488,767	05 Aug 2034
US	National Patent	Grant	25 Nov 2014	14/553,082	26 May 2016	2016-0150614	23 Jan 2018	9,877,374	25 Nov 2034
US	National Patent	Grant	02 Dec 2014	14/558,214	02 Jun 2016	US2016-0156269	16 May 2017	9,654,010	16 Mar 2035
US	National Patent	Grant	21 Aug 2014	14/465,431	25 Feb 2016	2016-0057823	28 Feb 2017	9,585,218	21 Mar 2035
US	National Patent	Grant	21 Aug 2014	14/465,580	25 Feb 2016	2016-0057828	09 May 2017	9,648,687	30 May 2035
US	National Patent	Grant	16 Feb 2015	14/623,314			20 Jun 2017	9,686,477	18 Jun 2035

Country	Filing Type	Current Status	Filing Date	Serial Number	Publication	Publication Number	Grant Date	Grant Number	Expiry Date (Date)
US	National Patent	Grant	18 Aug 2014	14/462,312	18 Feb 2016	2016-0047528	09 Aug 2016	9,410,674	18 Aug 2034
US	Continuation-in-Part	Grant	28 Aug 2014	14/472,035	26 Feb 2015	2015-0055369	09 May 2017	9,645,303	15 Mar 2033
US	National Patent	Grant	23 Apr 2015	14/694,669	27 Oct 2016	2016-0315499	15 Aug 2017	9,735,617	23 Apr 2035
US	National Patent	Grant	27 Aug 2014	14/470,786	03 Mar 2016	2016-0061416	12 Sep 2017	9,757,912	14 Mar 2035
US	National Patent	Grant	19 Feb 2015	14/625,712	25 Aug 2016	2016-0245479	13 Mar 2018	9,915,409	03 Apr 2035
US	National Patent	Grant	10 Feb 2015	14/618,819	11 Aug 2016	2016-0234900	10 Oct 2017	9,788,378	20 Mar 2035
US	Continuation-in-Part	Grant	04 Mar 2015	14/638,242	27 Aug 2015	2015-0241021	20 Mar 2018	9,920,901	15 Mar 2033
US	National Patent	Grant	25 Aug 2014	14/467,251	25 Feb 2016	20160057825	12 Dec 2017	9,844,107	10 Aug 2035
US	National Patent	Grant	24 Nov 2014	14/551,656	26 May 2016	2016-0146425	18 Oct 2016	9,470,394	24 Nov 2034
US	Design Patent	Grant	07 Aug 2014	29/498,768			26 Apr 2016	D754,887	26 Apr 2030
US	National Patent	Grant	01 Jul 2015	14/789,520			06 Mar 2018	9,913,327	06 Aug 2035
US	National Patent	Grant	10 Nov 2014	14/537,005	12 May 2016	2016-0135270	13 Nov 2018	10,129,960	12 May 2035
US	National Patent	Grant	14 Nov 2014	14/541,913	19 May 2016	2016-014914	14 Mar 2017	9,595,845	14 Nov 2034

Country	Filing Type	Current Status	Filing Date	Serial Number	Publication	Publication Number	Grant Date	Grant Number	Expiry Date (Date)
US	National Patent	Grant	12 Nov 2014	14/539,088	12 May 2016	2016-0131346	27 Feb 2018	9,903,548	26 Mar 2036
US	National Patent	Grant	27 Jan 2015	14/606,509	28 Jul 2016	2016-0215938	11 Jul 2017	9,702,524	29 Apr 2035
US	National Patent	Grant	25 Feb 2015	14/630,926	25 Aug 2016	2016-0245462	26 Dec 2017	9,851,077	14 Jun 2035
US	National Patent	Grant	09 Dec 2014	14/564,228	09 Jun 2016	2016-0161062	12 Sep 2017	9,759,389 <sup>1</sup>	25 May 2035
US	Design Patent	Grant	09 Dec 2014	29/511,241			11 Oct 2016	D768,889 <sup>1</sup>	11 Oct 2030
US	Design Patent	Grant	22 Dec 2014	29/512,756			23 Feb 2016	D750,314	23 Feb 2030
US	National Patent	Grant	13 Mar 2015	14/657,062	15 Sep 2016	2016-0265728	11 Jul 2017	9,702,512	30 Jun 2035
US	National Patent	Grant	26 Mar 2015	14/669,739	29 Sep 2016	2016-0286616	13 Jun 2017	9,681,510	26 Mar 2035
US	Continuation-in-Part	Grant	30 Jul 2015	14/813,308	03 Dec 2015	2015-0351190	11 Jul 2017	9,706,611	13 Jul 2034
US	National Patent	Grant	30 Apr 2015	14/701,025	03 Nov 2016	2016-0322972	16 Jan 2018	9,871,522	30 Apr 2035
US	National Patent	Grant	01 May 2015	14/702,564	28 Jul 2016	2016-0218254	27 Dec 2016	9,530,944	01 May 2035
US	Design Patent	Grant	10 Feb 2015	29/517,163			28 Mar 2017	D782,725	28 Mar 2031
US	Design Patent	Grant	13 Feb 2015	29/517,631			21 Feb 2017	D779,699	21 Feb 2031

<sup>1</sup> U.S. Patent 9,759,389 and D768,889 are each jointly owned between Cree and Lextar Electronics Corporation and only Cree's joint ownership interest in such patent is being assigned.

Country	Filing Type	Current Status	Filing Date	Serial Number	Publication	Publication Number	Grant Date	Grant Number	Expiry Date (Date)
US	Design Patent	Grant	13 Feb 2015	29/517,633			19 Sep 2017	D797,976	19 Sep 2031
US	Design Patent	Grant	10 Feb 2015	29/517,159			11 Apr 2017	D783,885	11 Apr 2031
US	Continuation-in-Part	Grant	28 Aug 2015	14/839,557	24 Dec 2015	2015-0370000	24 Oct 2017	9,798,072	19 Dec 2034
US	National Patent	Grant	23 Jul 2015	14/807,431	26 Jan 2017	2017-0027033	26 Jun 2018	10,009,971	28 Jul 2035
US	Design Patent	Grant	08 Apr 2015	29/523,265			10 Jan 2017	D776,324	10 Jan 2031
US	National Patent	Grant	14 Aug 2015	14/826,892	16 Feb 2017	2017-0048949	29 Aug 2017	9,750,112	14 Aug 2035
US	Continuation	Grant	26 Oct 2016	15/334,853	16 Feb 2017	2017-0048950	06 Feb 2018	9,888,546	14 Aug 2035
US	National Patent	Grant	29 May 2015	14/725,936			13 Feb 2018	9,890,940	23 Aug 2035
US	National Patent	Grant	22 Jun 2015	14/745,854	22 Dec 2016	2016-0369991	19 Jun 2018	10,001,266	22 Feb 2036
US	National Patent	Grant	01 May 2015	14/702,462	03 Nov 2016	2016-0323957	04 Sep 2018	10,070,495	01 May 2035
US	Design Patent	Grant	27 Mar 2015	29/522,181			14 Mar 2017	D781,486	14 Mar 2031
US	Design Patent	Grant	29 May 2015	29/528,677			14 Feb 2017	D779,099	14 Feb 2032
US	Design Patent	Grant	13 Mar 2015	29/520,440			28 Mar 2017	D782,719	28 Mar 2031

Country	Filing Type	Current Status	Filing Date	Serial Number	Publication	Publication Number	Grant Date	Grant Number	Expiry Date (Date)
US	National Patent	Grant	07 Jul 2016	15/204,000	12 Jan 2017	2017-0011670	24 Oct 2017	9,799,243	07 Jul 2036
US	National Patent	Grant	08 Jun 2015	14/733,241	08 Dec 2016	20160356428	25 Sep 2018	10,082,269	24 Dec 2035
US	National Patent	Grant	02 Oct 2015	14/874,099	29 Sep 2016	20160286619	04 Jul 2017	9,699,856	02 Oct 2035
US	National Patent	Grant	25 Jun 2015	14/749,765	29 Dec 2016	2016-0377235	26 Jun 2018	10,006,591	28 Sep 2035
US	National Patent	Grant	15 Jun 2015	14/739,175	15 Dec 2016	20160363307	20 Nov 2018	10,132,486	06 Apr 2036
US	National Patent	Grant	15 Jun 2015	14/739,185	15 Dec 2016	2016-0363303	27 Feb 2018	9,903,576	01 Jan 2036
US	National Patent	Grant	29 Jun 2015	14/753,678	29 Dec 2016	2016-0377275	23 Jan 2018	9,874,341	28 Dec 2035
US	National Patent	Grant	30 Jul 2015	14/813,595	02 Feb 2017	US2017/0030529	06 Mar 2018	9,909,723	30 Jan 2036
US	National Patent	Grant	26 Jun 2015	14/752,684	29 Dec 2016	2016-0377261	03 Jul 2018	10,012,354	09 Feb 2036
US	Continuation-in-Part	Grant	29 Apr 2015	14/699,172	20 Aug 2015	2015-0233537	21 Aug 2018	10,054,274	19 May 2034
US	Continuation-in-Part	Grant	28 Jul 2015	14/810,984	18 Aug 2016	2016-0242252	11 Jul 2017	9,706,619	16 Feb 2035
US	Design Patent	Grant	26 May 2015	29/528,132			24 Jan 2017	D777,354	24 Jan 2032
US	National Patent	Grant	10 Jun 2016	15/179,658	15 Dec 2016	2016-00366746	20 Feb 2018	9,900,957	10 Jun 2036

Country	Filing Type	Current Status	Filing Date	Serial Number	Publication	Publication Number	Grant Date	Grant Number	Expiry Date (Date)
US	National Patent	Grant	30 Oct 2015	14/928,592	04 May 2017	US2017-0127492	19 Sep 2017	9,769,900	30 Oct 2035
US	Design Patent	Grant	28 Oct 2015	29/543,802			30 May 2017	D788,330	30 May 2032
US	National Patent	Grant	03 Aug 2016	15/226,992	08 Jun 2017	2017-0162547	10 Oct 2017	9,786,639	03 Aug 2036
US	National Patent Divisional	Grant	07 Sep 2017	15/697,626	11 Jan 2018	2018-0012874	26 Jun 2018	10,008,484	03 Aug 2036
US	National Patent	Grant	24 Jun 2016	15/191,846	10 Aug 2017	2017-0231060	21 Nov 2017	9,826,598	24 Jun 2036
US	National Patent	Grant	08 Feb 2016	15/018,375			08 Aug 2017	9,730,289	08 Feb 2036
US	Continuation-in-Part	Grant	03 Mar 2016	15/060,306	30 Jun 2016	2016-0186970	12 Dec 2017	9,841,154	15 Mar 2034
US	National Patent	Grant	08 Feb 2016	15/017,948	10 Aug 2017	US2017-0227177	12 Jun 2018	9,995,441	02 Jun 2036
US	Design Patent	Grant	23 Jun 2016	29/569,009			19 Dec 2017	D805,660	19 Dec 2032
US	Design Patent Divisional	Grant	08 Nov 2017	29/625,257			14 Aug 2018	D825,789	14 Aug 2033
US	Continuation-in-Part	Grant	03 Mar 2016	15/060,354	30 Jun 2016	2016-0187555	05 Dec 2017	9,835,317	15 Mar 2034
US	Design Patent	Grant	29 Feb 2016	29/556,325			18 Jul 2017	D792,627	18 Jul 2032
US	Design Patent Divisional	Grant	17 Jul 2017	29/610,913			17 Jul 2018	D823,523	17 Jul 2033



Country	Filing Type	Current Status	Filing Date	Serial Number	Publication	Publication Number	Grant Date	Grant Number	Expiry Date (Date)
US	National Patent	Grant	24 Jun 2016	15/192,277	28 Dec 2017	2017-0374720	02 Oct 2018	10,091,859	24 Jun 2036
US	National Patent	Grant	24 Jun 2016	15/192,463	28 Dec 2017	2017-0370553	21 Aug 2018	10,054,285	24 Jun 2036
US	Design Patent Continuation	Grant	13 Jun 2016	29/567,839			13 Mar 2018	D812,805	13 Mar 2032
US	Design Patent	Grant	24 Jun 2016	29/569,236			03 Jul 2018	D822,261	03 Jul 2033
US	National Patent	Grant	21 Jun 2017	15/628,975	28 Dec 2017	2017-0374718	08 May 2018	9,967,944	21 Jun 2037
US	National Patent	Grant	17 Oct 2016	15/294,992			05 Sep 2017	9,756,696	17 Oct 2036
US	National Patent	Grant	15 Dec 2016	15/380,491	21 Jun 2018	US2018-0177026	24 Jul 2018	10,034,352	15 Dec 2036
US	Continuation-in-Part	Grant	16 Jun 2017	15/625,546	10 May 2018	2018-0128961	09 Oct 2018	10,094,971	09 Nov 2036
US	National Patent	Grant	04 Dec 2017	15/830,999			31 Jul 2018	10,039,175	04 Dec 2037
US	Design Patent	Grant	20 Apr 2017	29/601,198			28 Aug 2018	D827,161	28 Aug 2033
US	National Patent	Grant	13 Jun 2017	15/621,695			13 Feb 2018	9,894,740	13 Jun 2037
US	National Patent	Grant	06 Jun 2017	15/614,924			25 Sep 2018	10,083,885	06 Jun 2037

U.S. Pending Applications

Country	Filing Type	Current Status	Status Date	Filing Date	Filing Number	Publication Date	Publication Number
US	Continuation	Filing	21 Aug 2014	21 Aug 2014	14/464,760	11 Dec 2014	2014-0361712
US	Continuation	Filing	22 Mar 2018	22 Mar 2018	15/928,866		
US	National Patent	Filing	13 Sep 2007	13 Sep 2007	11/854,750	22 Jan 2009	US-2009-0021139
US	National Patent Divisional	Publication of application	10 May 2012	02 Feb 2012	13/351,564	10 May 2012	US-2012-0111471-A1
US	National Patent	Notice of Allowance	21 Sep 2018	25 Aug 2009	12/546,915	15 Jul 2010	US-2010-0177509-A1
US	National Patent Divisional	Filing	22 Aug 2014	22 Aug 2014	14/466,158	11 Dec 2014	2014-0362582
US	Continuation-in-Part	Filing	12 Feb 2010	12 Feb 2010	12/704,730		
US	National Patent	Publication of application	03 Nov 2011	07 Feb 2011	13/022,142	03 Nov 2011	US-2011-0267821-A1

Country	Filing Type	Current Status	Status Date	Filing Date	Filing Number	Publication Date	Publication Number
US	National Patent	Publication of application	08 Sep 2011	16 Feb 2011	13/029,068	08 Sep 2011	US-2011-0215345-A1
US	National Patent	Filing	14 Feb 2011	14 Feb 2011	13/026,495	16 Aug 2012	US-2012-0206911-A1
US	National Patent	Publication of application	01 Mar 2012	31 Aug 2010	12/873,303	01 Mar 2012	US-2012-0051041
US	National Patent	Notice of Allowance	04 May 2018	03 Jun 2011	13/152,640	06 Dec 2012	US2012/0306375A1
US	National Patent	Notice of Allowance	28 Aug 2018	09 Mar 2012	13/416,613	27 Jun 2013	2013-0162151
US	Continuation	Filing	17 Dec 2013	17 Dec 2013	14/108,815	03 Jul 2014	US2014-0183584
US	National Patent	Notice of Allowance	28 Sep 2018	30 Apr 2012	13/459,453	27 Dec 2012	20120327650
US	National Patent Divisional	Filing	19 May 2017	19 May 2017	15/599,606	08 Sep 2017	US2017-0256689
US	National Patent	Publication of application	18 Sep 2014	13 Mar 2013	13/800,517	18 Sep 2014	20140268737

Country	Filing Type	Current Status	Status Date	Filing Date	Filing Number	Publication Date	Publication Number
US	National Patent	Publication of application	24 Jan 2013	24 Jul 2011	13/189,535	24 Jan 2013	US 2013/0021792
US	National Patent	Filing	19 Sep 2012	19 Sep 2012	13/622,763	15 Aug 2013	US-2013-0208469
US	National Patent	Filing	27 Dec 2011	27 Dec 2011	13/338,076		
US	Re-Examination	Filing	27 Jan 2012	27 Jan 2012	90/012,110		
US	National Patent	Publication of application	07 Feb 2013	11 Oct 2012	13/649,531	07 Feb 2013	US 2013/0033872
US	Continuation	Filing	26 Jul 2017	26 Jul 2017	15/660,168		
US	National Patent	Filing	04 May 2012	04 May 2012	13/464,745	11 Jul 2013	2013-0176716
US	Reissue	Filing	26 Feb 2018	26 Feb 2018	15/904,789		
US	Continuation	Filing	26 May 2015	26 May 2015	14/721,806	15 Sep 2015	2015-0252970

Country	Filing Type	Current Status	Status Date	Filing Date	Filing Number	Publication Date	Publication Number
US	Continuation-in-Part	Publication of application	29 Aug 2013	07 May 2012	13/466,076	29 Aug 2013	US 2013/0223062 A1
US	National Patent Divisional	Filing	27 Apr 2015	27 Apr 2015	14/696,902	26 Nov 2015	2015-0338032
US	National Patent	Notice of Allowance	21 Sep 2018	15 Mar 2013	13/838,479		
US	National Patent	Notice of Allowance	26 Jul 2018	20 Aug 2012	13/589,899	02 Jan 2014	20140001962
US	Continuation	Filing	07 Jul 2015	07 Jul 2015	14/793,445		
US	National Patent	Notice of Allowance	15 Aug 2018	06 Mar 2014	14/199,586	11 Sep 2014	20140255038
US	National Patent	Publication of application	02 Jan 2014	20 Aug 2012	13/589,928	02 Jan 2014	20140001972
US	National Patent	Filing	14 Mar 2013	14 Mar 2013	13/828,348	18 Sep 2014	US2014-0268692
US	Design Patent	Filing	10 Sep 2012	10 Sep 2012	29/431,628		

Country	Filing Type	Current Status	Status Date	Filing Date	Filing Number	Publication Date	Publication Number
US	National Patent	Filing	26 Feb 2013	26 Feb 2013	13/777,804		
US	Continuation	Notice of Allowance	15 Aug 2018	25 Sep 2017	15/714,350	11 Nov 2018	2018-0014394
US	Continuation	Filing	22 Mar 2018	22 Mar 2018	15/928,315	02 Aug 2018	2018-0220514
US	National Patent Divisional	Filing	12 Dec 2016	12 Dec 2016	15/376,257	03 Aug 2017	US2017-0219762
US	National Patent	Filing	14 Mar 2013	14 Mar 2013	13/829,558	18 Sep 2014	US2014-0268720
US	National Patent	Notice of Allowance	24 Oct 2018	15 Jan 2013	13/742,008	17 Jul 2014	US2014-0197750
US	National Patent Divisional	Filing	27 Feb 2017	27 Feb 2017	15/443,660	23 Nov 2017	2017-0336554
US	National Patent	Filing	15 Mar 2013	15 Mar 2013	13/840,887	18 Sep 2014	US2014-0268745
US	National Patent	Filing	04 Feb 2013	04 Feb 2013	13/758,763	22 Aug 2013	US2013-0214666-A1

Country	Filing Type	Current Status	Status Date	Filing Date	Filing Number	Publication Date	Publication Number
US	National Patent	Filing	15 Mar 2013	15 Mar 2013	13/843,928		
US	Continuation	Filing	19 May 2015	19 May 2015	14/716,480	10 Sep 2015	2015-0252982
US	Continuation-in-Part	Filing	08 Feb 2013	08 Feb 2013	13/763,270	08 May 2014	2014-0126199
US	National Patent Divisional	Filing	24 Jun 2015	24 Jun 2015	14/749,497	15 Oct 2015	2015-0292714
US	National Patent	Notice of Allowance	03 Jul 2018	15 Mar 2013	13/838,398	18 Sep 2014	20140268790
US	National Patent	Filing	15 Mar 2013	15 Mar 2013	13/841,622	18 Sep 2014	US2014-0268875
US	National Patent	Filing	15 Mar 2013	15 Mar 2013	13/840,563	31 Jul 2014	2014-0211495
US	National Patent	Filing	15 Mar 2013	15 Mar 2013	13/843,649	02 Jun 2016	2016-0153639
US	National Patent	Filing	31 Mar 2014	31 Mar 2014	14/230,651	31 Jul 2014	US2014-0210364

Country	Filing Type	Current Status	Status Date	Filing Date	Filing Number	Publication Date	Publication Number
US	Continuation-in-Part	Filing	05 Jun 2013	05 Jun 2013	13/910,486	14 Aug 2014	2014-0226316
US	National Patent	Publication of application	21 May 2015	18 Nov 2013	14/083,070	21 May 2015	US 2015/0137689
US	National Patent	Filing	10 Dec 2013	10 Dec 2013	14/102,037	11 Jun 2015	2015-0163878
US	National Patent	Publication of application	28 May 2015	22 Nov 2013	14/087,308	28 May 2015	20150145418
US	Continuation	Filing	14 Nov 2017	14 Nov 2017	15/812,729	08 Mar 2018	2018-0066808
US	National Patent	Filing	09 Dec 2013	09 Dec 2013	14/101,129	31 Jul 2014	2014-0211457
US	National Patent	Publication of application	25 Jun 2015	19 Dec 2014	14/577,730	25 Jun 2015	2015-0177439
US	Continuation	Filing	06 Apr 2017	06 Apr 2017	15/481,206	27 Jul 2017	2017-0212291
US	National Patent Divisional	Filing	24 Apr 2017	24 Apr 2017	15/494,694		



Country	Filing Type	Current Status	Status Date	Filing Date	Filing Number	Publication Date	Publication Number
US	National Patent Divisional	Filing	24 Apr 2017	24 Apr 2017	15/494,799		
US	National Patent Divisional	Filing	24 Apr 2017	24 Apr 2017	15/494,989		
US	National Patent Divisional	Filing	09 Feb 2018	09 Feb 2018	15/892,797		
US	National Patent	Publication of application	09 Jul 2015	07 Jan 2014	14/148,899	09 Jul 2015	20150192257
US	Continuation-in-Part	Filing	31 Dec 2013	31 Dec 2013	14/145,355	18 Sep 2014	US2014-0268750
US	National Patent	Filing	31 Dec 2013	31 Dec 2013	14/145,559	18 Sep 2014	2014-0268730
US	National Patent	Notice of Allowance	26 Jul 2018	02 Jan 2015	14/588,762	09 Jul 2015	20150195883
US	Continuation	Publication of application	17 Sep 2015	29 May 2015	14/725,687	17 Sep 2015	20150264780
US	National Patent	Filing	16 Dec 2013	16 Dec 2013	14/108,168	18 Jun 2015	2015-0167901

Country	Filing Type	Current Status	Status Date	Filing Date	Filing Number	Publication Date	Publication Number
US	National Patent	Filing	25 Mar 2014	25 Mar 2014	14/225,327	01 Oct 2015	2015-0276125
US	National Patent	Publication of application	06 Aug 2015	02 Feb 2014	14/170,627	06 Aug 2015	2015-0219319
US	Continuation-in-Part	Filing	14 Apr 2014	14 Apr 2014	14/252,388	07 Aug 2014	US2014-0218944
US	Continuation	Notice of Allowance	17 Sep 2018	04 Dec 2017	15/830,406	12 Apr 2018	2018-0103529
US	National Patent Divisional	Filing	17 Jul 2017	17 Jul 2017	15/652,066		
US	National Patent	Filing	18 Aug 2014	18 Aug 2014	14/462,426	04 Dec 2014	US2014-0355302
US	Continuation-in-Part	Filing	26 Dec 2014	26 Dec 2014	14/583,415	23 Apr 2015	2015-0109820
US	National Patent Divisional	Notice of Allowance	02 Apr 2018	27 Feb 2017	15/443,818		
US	National Patent	Publication of application	03 Dec 2015	27 May 2014	14/287,812	03 Dec 2015	20150345762

Country	Filing Type	Current Status	Status Date	Filing Date	Filing Number	Publication Date	Publication Number
US	National Patent	Notice of Allowance	27 Sep 2018	28 Aug 2014	14/472,064	26 Feb 2015	2015-0055371
US	Design Patent Divisional	Notice of Allowance	31 Jul 2018	15 Aug 2016	29/574,418		
US	National Patent Divisional	Notice of Allowance	17 Sep 2018	05 Dec 2016	15/369,497	23 Mar 2017	2017-0082269
US	National Patent	Notice of Allowance	19 Sep 2018	07 Oct 2014	14/508,915	07 Apr 2016	2016-0096296
US	National Patent	Filing	28 Aug 2014	28 Aug 2014	14/472,078	19 Feb 2015	US2015-0049511
US	Continuation	Filing	27 Sep 2016	27 Sep 2016	15/277,670	11 May 2017	2017-0131452
US	National Patent	Publication of application	03 Dec 2015	30 May 2014	14/292,286	03 Dec 2015	20150351187
US	Continuation	Filing	26 Feb 2018	26 Feb 2018	15/904,535	28 Jun 2018	2018-0180231
US	National Patent Divisional	Notice of Allowance	28 Aug 2018	31 Mar 2017	15/476,052	20 Jul 2017	2017-0205567

Country	Filing Type	Current Status	Status Date	Filing Date	Filing Number	Publication Date	Publication Number
US	National Patent Divisional	Publication of application	07 Jun 2018	31 Jan 2018	15/885,125	07 Jun 2018	US2018-0156416
US	National Patent Divisional	Filing	06 Oct 2017	06 Oct 2017	15/727,178		
US	National Patent	Publication of application	25 Feb 2016	25 Aug 2014	14/467,240	25 Feb 2016	20160057824
US	Continuation-in-Part	Filing	10 Feb 2015	10 Feb 2015	14/618,884	03 Dec 2015	2015-0345715
US	National Patent Divisional	Filing	05 Mar 2018	05 Mar 2018	15/911,953		
US	National Patent	Notice of Allowance	29 Oct 2018	05 Jan 2015	14/589,319	07 Jul 2016	US2016-0195252
US	National Patent	Filing	28 Oct 2014	28 Oct 2014	14/526,368	28 Apr 2016	2016-0116136
US	Continuation-in-Part	Filing	13 Feb 2015	13 Feb 2015	14/622,821		
US	National Patent	Notice of Allowance	12 Sep 2018	12 Feb 2015	14/620,516	18 Aug 2016	2016-0238230

Country	Filing Type	Current Status	Status Date	Filing Date	Filing Number	Publication Date	Publication Number
US	National Patent	Filing	09 Apr 2015	09 Apr 2015	14/682,707	13 Oct 2016	2016-0298826
US	Continuation-in-Part	Filing	05 Jun 2015	05 Jun 2015	14/732,167	07 Jul 2016	US2016-0195434
US	Continuation-in-Part	Filing	29 May 2015	29 May 2015	14/726,152	17 Sep 2015	2015-0260905
US	Continuation	Filing	15 Dec 2017	15 Dec 2017	15/843,026	19 Apr 2018	2018-0110111
US	Design Patent Divisional	Notice of Allowance	14 Sep 2018	06 Mar 2017	29/596,176		
US	Continuation	Filing	01 Feb 2018	01 Feb 2018	15/886,134	07 Jun 2018	US2018-0160504
US	National Patent	Notice of Allowance	03 Oct 2018	08 Feb 2016	15/018,606	10 Aug 2017	US 2017/0227208
US	Continuation-in-Part	Publication of application	10 Aug 2017	13 Jun 2016	15/181,065	10 Aug 2017	US 2017/0227207
US	National Patent	Filing	30 Oct 2015	30 Oct 2015	14/928,249	14 May 2017	US2017-0127491

Country	Filing Type	Current Status	Status Date	Filing Date	Filing Number	Publication Date	Publication Number
US	National Patent	Filing	14 Aug 2015	14 Aug 2015	14/827,007	16 Feb 2017	2017-0048952
US	National Patent	Filing	01 Aug 2017	01 Aug 2017	15/665,573	08 Feb 2018	2018-0041681
US	National Patent	Filing	05 May 2017	05 May 2017	15/587,442	23 Nov 2017	2017-0336563
US	National Patent	Filing	24 Jun 2016	24 Jun 2016	15/192,308	10 Aug 2017	2017-0230364
US	National Patent	Notice of Allowance	09 May 2018	24 Jun 2016	15/192,479	10 Aug 2017	2017-0231061
US	National Patent	Filing	24 Jun 2016	24 Jun 2016	15/192,035	10 Aug 2017	2017-231066
US	National Patent	Filing	24 Jun 2016	24 Jun 2016	15/191,753	10 Aug 2017	2017-0228874
US	Design Patent Divisional	Notice of Allowance	28 Sep 2018	16 Jul 2018	29/656,800		
US	Continuation-in-Part	Filing	24 Jun 2016	24 Jun 2016	15/192,979	02 Feb 2017	20170031085

Country	Filing Type	Current Status	Status Date	Filing Date	Filing Number	Publication Date	Publication Number
US	National Patent	Filing	30 Jan 2017	30 Jan 2017	15/419,538	02 Aug 2018	US2018-0216791
US	National Patent	Filing	24 Jun 2016	24 Jun 2016	15/191,972	28 Dec 2017	2017-0373684
US	National Patent	Filing	23 Jun 2016	23 Jun 2016	15/190,706	28 Dec 2017	2017-0374724
US	National Patent	Notice of Allowance	26 Jul 2018	22 Jun 2016	15/189,610		
US	National Patent	Filing	17 Jun 2016	17 Jun 2016	15/186,222	21 Dec 2017	2017-0363795
US	Continuation-in-Part	Notice of Allowance	28 Aug 2018	27 May 2016	15/166,352	22 Sep 2016	2016-0273716
US	National Patent	Notice of Allowance	11 Oct 2018	23 Jun 2016	15/190,832	10 Aug 2017	2017-0231053
US	National Patent	Filing	01 Feb 2017	01 Feb 2017	15/422,150	02 Aug 2018	2018-0216804
US	National Patent	Filing	09 Nov 2016	09 Nov 2016	15/347,413	10 May 2018	2018-0128960

Country	Filing Type	Current Status	Status Date	Filing Date	Filing Number	Publication Date	Publication Number
US	National Patent	Filing	15 Nov 2016	15 Nov 2016	15/352,062	17 May 2018	2018-0139811
US	National Patent	Filing	23 Jan 2017	23 Jan 2017	15/413,193	26 Jul 2018	US2018-0210135
US	National Patent	Filing	03 Mar 2017	03 Mar 2017	15/449,126		
US	National Patent	Filing	25 Sep 2017	25 Sep 2017	15/714,290	29 Mar 2018	2018-0092189
US	National Patent	Filing	21 Dec 2016	21 Dec 2016	15/386,700	21 Jun 2018	US2018-0172246
US	National Patent	Filing	08 Jun 2017	08 Jun 2017	15/617,198		
US	Provisional Application	Filing	06 Feb 2017	06 Feb 2017	62/455,422		
US	National Patent	Filing	06 Feb 2018	06 Feb 2018	15/890,272		
US	Continuation-in-Part	Filing	10 Aug 2018	10 Aug 2018	16/101,182		



Country	Filing Type	Current Status	Status Date	Filing Date	Filing Number	Publication Date	Publication Number
US	National Patent	Filing	10 Apr 2017	10 Apr 2017	15/483,199	11 Oct 2018	2018-029207
US	National Patent	Publication of application	09 Nov 2017	06 Mar 2017	15/450,578	09 Nov 2017	2017-0322364
US	National Patent	Filing	06 Jan 2017	06 Jan 2017	15/400,212	12 Jul 2018	2018-0195673
US	National Patent	Filing	08 Feb 2017	08 Feb 2017	15/427,568	09 Aug 2018	US2018-0224072
US	National Patent	Filing	06 Feb 2017	06 Feb 2017	15/425,615	09 Aug 2018	2018-0227995
US	National Patent	Filing	11 Jan 2018	11 Jan 2018	15/868,271	09 Aug 2018	2018-0224104
US	National Patent	Notice of Allowance	07 Nov 2018	06 Feb 2017	15/425,371	09 Aug 2018	US2018-0224075
US	National Patent	Filing	03 Apr 2017	03 Apr 2017	15/477,435	04 Oct 2018	US2018-0283629
US	National Patent	Filing	02 Feb 2018	02 Feb 2018	15/887,096	09 Aug 2018	2018-0225834

Country	Filing Type	Current Status	Status Date	Filing Date	Filing Number	Publication Date	Publication Number
US	National Patent	Filing	10 Apr 2017	10 Apr 2017	15/483,453		
US	National Patent	Notice of Allowance	10 Sep 2018	25 Apr 2018	15/958,554		
US	National Patent	Filing	13 Jun 2017	13 Jun 2017	15/621,731		
US	National Patent	Filing	10 Apr 2017	10 Apr 2017	15/483,096	11 Oct 2018	2018-0294389
US	Continuation-in-Part	Filing	27 Mar 2017	27 Mar 2017	15/469,868	09 Aug 2018	US2018-0224079
US	Continuation	Filing	21 Dec 2017	21 Dec 2017	15/849,986		
US	National Patent	Filing	10 May 2017	10 May 2017	15/591,646		
US	Provisional Application	Filing	10 May 2017	10 May 2017	62/504,533		
US	Design Patent	Filing	05 May 2017	05 May 2017	29/603,034		

Country	Filing Type	Current Status	Status Date	Filing Date	Filing Number	Publication Date	Publication Number
US	National Patent	Filing	16 Oct 2017	16 Oct 2017	15/784,931		
US	Provisional Application	Filing	12 Jul 2017	12 Jul 2017	62/531,747		
US	National Patent	Filing	12 Jul 2018	12 Jul 2018	16/034,101		
US	National Patent	Filing	21 Sep 2017	21 Sep 2017	15/710,913		
US	National Patent	Notice of Allowance	23 Aug 2018	12 Dec 2017	15/839,043		
US	National Patent	Filing	26 Sep 2017	26 Sep 2017	15/715,707		
US	Continuation-in-Part	Filing	05 Dec 2017	05 Dec 2017	15/832,341	05 Apr 2018	2018-0098201
US	National Patent	Notice of Allowance	01 Aug 2018	21 Aug 2017	15/681,941		
US	National Patent	Filing	20 Mar 2018	20 Mar 2018	15/926,546		

Country	Filing Type	Current Status	Status Date	Filing Date	Filing Number	Publication Date	Publication Number
US	Continuation-in-Part	Notice of Allowance	10 Oct 2018	22 Mar 2018	15/928,427		
US	Continuation-in-Part	Filing	13 Oct 2017	13 Oct 2017	15/783,505		
US	Provisional Application	Filing	03 Nov 2017	03 Nov 2017	62/581,174		
US	National Patent	Filing	19 Dec 2017	19 Dec 2017	15/846,255		
US	National Patent	Filing	19 Dec 2017	19 Dec 2017	15/846,306		
US	National Patent	Filing	05 May 2018	05 May 2018	15/972,152		
US	National Patent	Filing	20 Apr 2018	20 Apr 2018	15/957,991		
US	Design Patent	Filing	29 Mar 2018	29 Mar 2018	29/642,336		
US	Provisional Application	Filing	08 Feb 2018	08 Feb 2018	62/628,131		

Country	Filing Type	Current Status	Status Date	Filing Date	Filing Number	Publication Date	Publication Number
US	National Patent	Filing	24 May 2018	24 May 2018	15/987,965		
US	National Patent	Filing	31 May 2018	31 May 2018	15/994,483		
US	National Patent	Filing	25 Mar 2018	25 Mar 2018	15/935,043		
US	Design Patent	Filing	17 Mar 2018	17 Mar 2018	29/640,880		
US	Continuation-in-Part	Filing	06 May 2018	06 May 2018	15/972,199		
US	Continuation-in-Part	Filing	06 May 2018	06 May 2018	15/972,176	06 Sep 2018	US2018-0252374
US	Continuation-in-Part	Filing	06 May 2018	06 May 2018	15/972,178	13 Sep 2018	US2018-0259140
US	National Patent	Filing	22 Aug 2018	22 Aug 2018	16/108,975		
US	National Patent	Filing decision	21 Jun 2018				

Country	Filing Type	Current Status	Status Date	Filing Date	Filing Number	Publication Date	Publication Number
US	National Patent	Filing decision	14 Aug 2018				
US	Design Patent	Filing	02 Oct 2018	02 Oct 2018	29/665,261		
US	National Patent Divisional	Filing	15 Feb 2019	15 Feb 2019	16/276,772		
US	Continuation	Filing	07 Jan 2019	07 Jan 2019	16/241,492		
US	Continuation	Filing	11 Mar 2019	11 Mar 2019	16/298,295		
US	National Patent	Filing	10 May 2018	10 May 2018	15/976,602		
US	Continuation	Filing	18 Jan 2019	18 Jan 2019	16/281,634		
US	National Patent	Filing	02 Nov 2018	02 Nov 2018	16/179,126		
US	National Patent	Filing	28 Jan 2019	28 Jan 2019	16/259,491		

Country	Filing Type	Current Status	Status Date	Filing Date	Filing Number	Publication Date	Publication Number
US	National Patent	Filing	19 Feb 2019	19 Feb 2019	16/279,471		
US	Design Patent	Filing	28 Dec 2018	28 Dec 2018	29/675,123		
US	Design Patent	Filing	14 Feb 2019	14 Feb 2019	29/680,210		
US	National Patent Divisional	Filing	26 Apr 2019	26 Apr 2019	16/395,473		
US	National Patent	Filing	25 Apr 2019	25 Apr 2019	16/394,629		
US	National Patent Divisional	Filing	24 Apr 2019	24 Apr 2019	16/392,978		
US	Continuation	Filing	16 Apr 2019	16 Apr 2019	16/385,020		
US	Continuation	Filing	09 Apr 2019	09 Apr 2019	16/378,647		
US	National Patent	Filing	29 Mar 2019	29 Mar 2019	16/369,138		

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Country	Filing Type	Current Status	Status Date	Filing Date	Filing Number	Publication Date	Publication Number
US	Continuation	Filing	15 Mar 2019	15 Mar 2019	16/354,299		



Foreign Issued Patents:

Country	Filing Type	Current Status	Current Status Date	Filing Date	Filing Number	Publication	Publication Number	Grant Date	Grant Number	Expiry Date (Date)
TW	National Patent	Grant	01 Jun 2011	10 Jan 2006	095100914			01 Jun 2011	1342972	10 Jan 2026
DE	Euro-PCT Application	Grant	26 Jun 2013	07 May 2008	08767610.2	31 Mar 2010	2168404	26 Jun 2013	2168404	07 May 2028
JP	PCT Application	Grant	22 Jul 2011	17 Nov 2006	2008-541343			22 Jul 2011	4785931	17 Nov 2026
JP	PCT Application Divisional	Grant	26 Sep 2014	17 Nov 2006	2011-108512			26 Sep 2014	5620332	17 Nov 2026
JP	PCT Application	Grant	12 Apr 2013	07 May 2008	2010-509334	19 Aug 2010	2010-528420	12 Apr 2013	5243531	06 Mar 2026
KR	PCT Application	Grant	13 Oct 2014	17 Nov 2006	2008-7014439			13 Oct 2014	10-1452519	17 Nov 2026
TW	National Patent	Grant	11 Nov 2014	20 Nov 2006	095142942			11 Nov 2014	1460878	20 Nov 2026
DE	Euro-PCT Application	Grant	07 Sep 2016	18 Apr 2007	07755587.8	07 Jan 2009	2010817	07 Sep 2016	2010817	18 Apr 2027
JP	PCT Application Divisional	Grant	03 Feb 2017	18 Apr 2007	2011-280069			03 Feb 2017	6083927	18 Apr 2027
JP	PCT Application Divisional	Grant	24 Feb 2017	18 Apr 2007	2012257767			24 Feb 2017	6095335	18 Apr 2027
TW	National Patent	Grant	01 May 2014	20 Apr 2007	096114146			01 May 2014	1436129	20 Apr 2027
DE	European Divisional	Grant	07 May 2014	25 Jun 2008	11175104.6	30 Nov 2011	2390715	07 May 2014	602008032202.5	25 Jun 2028

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Country	Filing Type	Current Status	Current Status Date	Filing Date	Filing Number	Publication	Publication Number	Grant Date	Grant Number	Expiry Date (Date)
DE	European Divisional	Grant	12 Aug 2015	25 Jun 2008	11175110.3	30 Nov 2011	2390716	12 Aug 2015	602008039601.0	25 Jun 2028
JP	National Patent	Grant	18 Jan 2013	25 Jul 2008	2008-191704			18 Jan 2013	5178372	25 Jul 2028
JP	National Patent Divisional	Grant	15 May 2015	30 Sep 2011	2011-217599	15 Mar 2012	2012-053472	15 May 2015	5743833	25 Jul 2028
CN	PCT Application	Grant	20 May 2015	07 Mar 2008	200880016277.6	31 Mar 2010	101690402	20 May 2015	ZL200880016277.6	07 Mar 2028
JP	PCT Application	Grant	30 May 2014	07 Mar 2008	2009-553588	24 Jun 2010	2010-521776	30 May 2014	5551447	07 Mar 2028
KR	PCT Application	Grant	25 Feb 2015	07 Mar 2008	2009-7021419	15 Dec 2009	2009-128485	25 Feb 2015	10-1498310	07 Mar 2028
TW	National Patent	Grant	21 Jan 2014	13 Mar 2008	097108909			21 Jan 2014	1424133	13 Mar 2028
JP	PCT Application	Grant	07 Sep 2012	07 Mar 2008	2009-553586	24 Jun 2010	2010-521775	07 Sep 2012	5079822	07 Mar 2028
TW	National Patent	Grant	01 Jun 2014	13 Mar 2008	097108900			01 Jun 2014	1439766	13 Mar 2028
CN	PCT Application	Grant	27 Mar 2013	22 Apr 2008	200880023644.5	31 Mar 2010	101690398	27 Mar 2013	ZL200880023644.5	22 Apr 2028
JP	PCT Application	Grant	17 Oct 2014	22 Apr 2008	2010-507390			17 Oct 2014	5631202	22 Apr 2028
JP	PCT Application	Grant	05 Sep 2014	05 Feb 2008	2009-550093			05 Sep 2014	5606739	05 Feb 2028
DE	Euro-PCT Application	Grant	12 Jul 2017	17 Nov 2006	06837857.9	30 Jul 2008	1949765	12 Jul 2017	1949765	17 Nov 2026

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Country	Filing Type	Current Status	Current Status Date	Filing Date	Filing Number	Publication	Publication Number	Grant Date	Grant Number	Expiry Date (Date)
JP	PCT Application	Grant	19 Apr 2013	17 Nov 2006	2008-541357			19 Apr 2013	5249773	17 Nov 2026
JP	National Patent Divisional	Grant	13 Dec 2013	17 Nov 2006	2012-232975			13 Dec 2013	5433068	17 Nov 2026
TW	National Patent	Grant	01 Jan 2014	20 Nov 2006	095142943			01 Jan 2014	1421819	20 Nov 2026
JP	National Patent	Grant	07 Sep 2012	11 Apr 2008	2008-103829			07 Sep 2012	5076106	11 Apr 2028
JP	National Patent Divisional	Grant	13 Jun 2014	11 Apr 2008	2012-164892	22 Nov 2012	2012-231175	13 Jun 2014	5559264	11 Apr 2028
CN	PCT Application	Grant	07 Nov 2012	15 Nov 2007	200780044014.1	30 Sep 2009	CN101548436A	07 Nov 2012	ZL200780044014.1	15 Nov 2027
JP	PCT Application	Grant	25 Jan 2013	15 Nov 2007	2009-539410	15 Apr 2010	2010-512008	25 Jan 2013	5185947	15 Nov 2027
KR	PCT Application	Grant	17 Jun 2014	15 Nov 2007	10-2009-7013665			17 Jun 2014	10-1410950	15 Nov 2027
TW	National Patent	Grant	21 Mar 2015	26 Nov 2007	096144838			21 Mar 2015	1477711	26 Nov 2027
CN	PCT Application	Grant	28 Nov 2012	07 May 2008	200880025619.0	11 Aug 2010	101803454	28 Nov 2012	ZL200880025619.0	07 May 2028
DE	Euro-PCT Application	Grant	26 Jun 2013	07 May 2008	08767606.0	03 Feb 2010	2149282	26 Jun 2013	2149282	07 May 2028
JP	PCT Application	Grant	09 Aug 2013	07 May 2008	2010-509333	19 Aug 2010	2010-528419	09 Aug 2013	5337148	07 May 2028
KR	PCT Application	Grant	10 Mar 2015	07 May 2008	2009-7026385			10 Mar 2015	10-1503092	07 May 2028

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Country	Filing Type	Current Status	Current Status Date	Filing Date	Filing Number	Publication	Publication Number	Grant Date	Grant Number	Expiry Date (Date)
JP	National Patent	Grant	12 Dec 2014	18 Dec 2008	2008-322115			12 Dec 2014	5661996	18 Dec 2028
DE	Euro-PCT Application	Grant	16 Mar 2016	04 Aug 2008	08795021.8			16 Mar 2016	2177083	04 Aug 2028
JP	PCT Application	Grant	26 Apr 2013	04 Aug 2008	2010-519961			26 Apr 2013	5253505	04 Aug 2028
CN	PCT Application	Grant	25 Mar 2015	25 Feb 2009	200980115965.2	13 Apr 2011	CN102016395A	25 Mar 2015	ZL2009801159652	25 Feb 2029
DE	Euro-PCT Application	Grant	11 Sep 2013	25 Feb 2009	09716428.9	22 Dec 2010	2263036	11 Sep 2013	2263036	25 Feb 2029
DE	Euro-PCT Application Divisional	Grant	24 Aug 2016	25 Feb 2009	12164833.1	24 Oct 2012	2515031	24 Aug 2016	2515031	25 Feb 2029
JP	National Patent	Grant	25 Apr 2014	11 Mar 2009	2009-058406	01 Oct 2009	2009-223314	25 Apr 2014	5529425	11 Mar 2029
CN	PCT Application	Grant	27 Mar 2013	07 Nov 2008	200880121878.3	01 Dec 2010	CN101903699A	27 Mar 2013	ZL200880121878.3	07 Nov 2028
JP	PCT Application	Grant	08 Jul 2016	07 Nov 2008	2010-534020			08 Jul 2016	5965103	07 Nov 2028
TW	National Patent	Grant	21 Sep 2017	05 Nov 2008	097142719			21 Sep 2017	1599821	05 Nov 2028
DE	European Application	Grant	09 Sep 2015	12 Mar 2009		30 Sep 2009	2105653	09 Sep 2015	2105653	12 Mar 2029
JP	National Patent	Grant	11 Apr 2014	24 Mar 2009	2009-71231	03 Dec 2009	2009-283449	11 Apr 2014	5519948	24 Mar 2029
JP	PCT Application	Grant	05 Apr 2013	30 May 2007	2009-513245			05 Apr 2013	5237266	30 May 2027

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Country	Filing Type	Current Status	Current Status Date	Filing Date	Filing Number	Publication	Publication Number	Grant Date	Grant Number	Expiry Date (Date)
KR	PCT Application	Grant	20 Mar 2014	30 May 2007	10-2008-7032025			20 Mar 2014	10-1378676	30 May 2027
TW	National Patent	Grant	01 Nov 2013	31 May 2007	96119456			01 Nov 2013	1413740	31 May 2027
DE	Euro-PCT Application	Grant	29 Jul 2015	30 May 2007	07795473.3	04 Mar 2009	EP2029936	29 Jul 2015	2029936	30 May 2027
GB	Euro-PCT Application	Grant	29 Jul 2015	30 May 2007	07795473.3	04 Mar 2009	EP2029936	29 Jul 2015	2029936	30 May 2027
IN	PCT Application	Grant	14 Dec 2017	30 May 2007	7243/CHENP/2008			14 Dec 2017	290604	30 May 2027
TW	National Patent	Grant	21 Apr 2016	31 May 2007	96119457	01 Feb 2008	TW00808123 A	21 Apr 2016	1531277	31 May 2027
CN	PCT Application	Grant	12 Sep 2012	30 May 2007	2007-80019143.5	04 Nov 2009	CN101573843A	12 Sep 2012	ZL200780019143.5	30 May 2027
JP	PCT Application	Grant	13 May 2016	30 May 2007	2009-513246			13 May 2016	5933161	30 May 2027
KR	PCT Application	Grant	25 Aug 2015	30 May 2007	10-2008-7032031			25 Aug 2015	10-1548743	30 May 2027
TW	National Patent	Grant	11 Feb 2014	31 May 2007	96119458			11 Feb 2014	1426818	31 May 2027
TW	National Patent	Grant	01 Jan 2014	23 Aug 2007	96131207			01 Jan 2014	1421446	23 Aug 2027
DE	Euro-PCT Application	Grant	22 Oct 2014	13 Sep 2007	07842400.9	10 Jun 2009	EP2067245A	22 Oct 2014	2067245	13 Sep 2027
TW	National Patent	Grant	21 Dec 2015	13 Sep 2007	96134234			21 Dec 2015	1514715	13 Sep 2027

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Country	Filing Type	Current Status	Current Status Date	Filing Date	Filing Number	Publication	Publication Number	Grant Date	Grant Number	Expiry Date (Date)
CN	PCT Application	Grant	25 Dec 2013	17 Sep 2007	200780034524.0	17 Mar 2010	CN101675298A	25 Dec 2013	ZL200780034524.0	17 Sep 2027
DE	Euro-PCT Application	Grant	27 Apr 2016	17 Sep 2007	07842603.8	10 Jun 2009	EP2066968A	27 Apr 2016	2066968	17 Sep 2027
JP	PCT Application	Grant	13 Jul 2012	17 Sep 2007	2009-528522			13 Jul 2012	5036819	17 Sep 2027
TW	National Patent	Grant	11 Jan 2015	19 Sep 2007	96134841			11 Jan 2015	1468622	19 Sep 2027
CN	PCT Application	Grant	24 Oct 2012	23 Oct 2007	200780039380.8	02 Dec 2009	CN101595342A	24 Oct 2012	ZL200780039380.8	23 Oct 2027
CN	PCT Application Divisional	Grant	29 Jul 2015	23 Oct 2007	2012103032518	20 Feb 2013	CN102937275A	29 Jul 2015	ZL201210303251.8	23 Oct 2027
TW	National Patent	Grant	11 Feb 2014	23 Oct 2007	96139635			11 Feb 2014	1426622	23 Oct 2027
CN	PCT Application	Grant	04 May 2016	07 Nov 2007	200780041374.6	27 Apr 2011	CN102037785A	04 May 2016	ZL200780041374.6	07 Nov 2027
TW	National Patent	Grant	01 Mar 2015	07 Nov 2007	096142008			01 Mar 2015	1475714	07 Nov 2027
DE	Euro-PCT Application	Grant	11 Jan 2017	13 Nov 2007	07864317.8	02 Sep 2009	EP2095013A	11 Jan 2017	2095013	13 Nov 2027
JP	PCT Application	Grant	24 Jul 2015	13 Nov 2007	2009-536537			24 Jul 2015	5781730	13 Nov 2027
DE	Euro-PCT Application	Grant	10 May 2017	13 Nov 2007	07864324.4	02 Sep 2009	EP2095014A	10 May 2017	2095014	13 Nov 2027
JP	PCT Application	Grant	20 Dec 2013	13 Nov 2007	2009-537309			20 Dec 2013	5436216	13 Nov 2027

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Country	Filing Type	Current Status	Current Status Date	Filing Date	Filing Number	Publication	Publication Number	Grant Date	Grant Number	Expiry Date (Date)
TW	National Patent	Grant	11 Feb 2014	14 Nov 2007	96143039			11 Feb 2014	I426203	14 Nov 2027
CN	PCT Application	Grant	30 Jan 2013	13 Nov 2007	200780042269.4	06 Jan 2010	CN101622492A	30 Jan 2013	ZL200780042269.4	13 Nov 2027
DE	Euro-PCT Application	Grant	02 Mar 2016	13 Nov 2007	07864328.5	05 Aug 2009	EP2084452A	02 Mar 2016	2084452	13 Nov 2027
DE	Euro-PCT Application Divisional	Grant	30 Mar 2016	07 Nov 2011	11188109.0	22 Feb 2012	EP2420721 A	30 Mar 2016	2420721	13 Nov 2027
JP	PCT Application	Grant	26 Jul 2013	13 Nov 2007	2009-537311			26 Jul 2013	5324458	13 Nov 2027
KR	PCT Application	Grant	14 Apr 2015	13 Nov 2007	10-2009-7012132			14 Apr 2015	10-1513738	13 Nov 2027
TW	National Patent	Grant	01 Sep 2014	14 Nov 2007	96143043			01 Sep 2014	I451592	14 Nov 2027
AT	Euro-PCT Application	Grant	13 Aug 2014	30 Nov 2007	07864970.4	16 Sep 2009	EP2100076A	13 Aug 2014	2100076	30 Nov 2027
CN	PCT Application	Grant	08 Jul 2015	30 Nov 2007	200780043707.9	13 Jan 2010	CN101627252A	08 Jul 2015	ZL200780043707.9	30 Nov 2027
DE	Euro-PCT Application	Grant	13 Aug 2014	30 Nov 2007	07864970.4	16 Sep 2009	EP2100076A	13 Aug 2014	2100076	30 Nov 2027
TW	National Patent	Grant	01 Mar 2016	30 Nov 2007	96145993			01 Mar 2016	I524033	30 Nov 2027
CN	PCT Application	Grant	05 Jun 2013	29 Nov 2007	200780043706.4	28 Jul 2010	CN101790659A	05 Jun 2013	ZL200780043706.4	29 Nov 2027
JP	PCT Application	Grant	31 Jul 2015	29 Nov 2007	2009-539477	15 Apr 2010	2010-511977	31 Jul 2015	5785361	29 Nov 2027

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Country	Filing Type	Current Status	Current Status Date	Filing Date	Filing Number	Publication	Publication Number	Grant Date	Grant Number	Expiry Date (Date)
KR	PCT Application	Grant	10 Jun 2014	29 Nov 2007	10-2009-7013600			10 Jun 2014	10-1408613	29 Nov 2027
TW	National Patent	Grant	11 Feb 2014	30 Nov 2007	96145994			11 Feb 2014	I426200	30 Nov 2027
CN	PCT Application	Grant	28 Sep 2011	30 Nov 2007	200780043984.X	30 Dec 2009	CN101617405A	28 Sep 2011	ZL200780043984.X	30 Nov 2027
JP	PCT Application	Grant	03 Aug 2012	30 Nov 2007	2009-539501	15 Apr 2010	2010-511978	03 Aug 2012	5053383	30 Nov 2027
TW	National Patent	Grant	11 May 2015	30 Nov 2007	96145991			11 May 2015	I484123	30 Nov 2027
TW	National Patent	Grant	01 Apr 2014	04 Dec 2007	96146034			01 Apr 2014	I432670	04 Dec 2027
CN	PCT Application	Grant	27 Jun 2012	06 Dec 2007	200780045223.8	23 Dec 2009	CN101611259A	27 Jun 2012	ZL2007800452238.8	06 Dec 2027
DE	Euro-PCT Application	Grant	03 Aug 2016	06 Dec 2007	07865281.5	19 Aug 2009	EP2089654A	03 Aug 2016	2089654	06 Dec 2027
JP	PCT Application	Grant	14 Dec 2012	06 Dec 2007	2009-540469	22 Apr 2010	2010-512621	14 Dec 2012	5153783	06 Dec 2027
KR	PCT Application	Grant	24 Sep 2014	06 Dec 2007	10-2009-7014022			24 Sep 2014	10-1446366	06 Dec 2027
TW	National Patent	Grant	01 Nov 2013	07 Dec 2007	96146712			01 Nov 2013	I414078	07 Dec 2027
CN	PCT Application	Grant	28 Dec 2011	08 May 2008	200880014842.5	02 Jun 2010	CN101720402A	28 Dec 2011	ZL200880014842.5	08 May 2028
DE	Euro-PCT Application	Grant	06 Jan 2016	08 May 2008	08747851.7	17 Feb 2010	EP2153113A	06 Jan 2016	2153113	08 May 2028

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Country	Filing Type	Current Status	Current Status Date	Filing Date	Filing Number	Publication	Publication Number	Grant Date	Grant Number	Expiry Date (Date)
TW	National Patent	Grant	01 Jan 2014	08 May 2008	97117110			01 Jan 2014	1421447	08 May 2028
CN	PCT Application	Grant	11 Jul 2012	22 Feb 2008	200880005936.6	24 Feb 2010	CN101657671A	11 Jul 2012	ZL200880005936.6	22 Feb 2028
DE	Euro-PCT Application	Grant	01 Oct 2014	22 Feb 2008	08730462.2	25 Nov 2009	EP2122231A	01 Oct 2014	2122231	22 Feb 2028
FR	Euro-PCT Application	Grant	01 Oct 2014	22 Feb 2008	08730462.2	25 Nov 2009	EP2122231A	01 Oct 2014	2122231	22 Feb 2028
GB	Euro-PCT Application	Grant	01 Oct 2014	22 Feb 2008	08730462.2	25 Nov 2009	EP2122231A	01 Oct 2014	2122231	22 Feb 2028
IT	Euro-PCT Application	Grant	01 Oct 2014	22 Feb 2008	08730462.2	25 Nov 2009	EP2122231A	01 Oct 2014	2122231	22 Feb 2028
JP	PCT Application	Grant	14 Feb 2014	22 Feb 2008	2009-551025	03 Jun 2010	2010-519709	14 Feb 2014	5476128	22 Feb 2028
KR	PCT Application	Grant	27 Feb 2015	22 Feb 2008	10-2009-7019653			27 Feb 2015	10-1499269	22 Feb 2028
TW	National Patent	Grant	01 Dec 2016	22 Feb 2008	97106209			01 Dec 2016	1560405	22 Feb 2028
CN	PCT Application	Grant	16 Jul 2014	05 May 2008	200880014019.4	10 Mar 2010	CN101668984A	16 Jul 2014	ZL200880014019.4	05 May 2028
CN	PCT Application	Grant	29 Jul 2015	07 May 2008	200880014966.3	24 Mar 2010	CN101680638.A	29 Jul 2015	ZL200880014966.3	07 May 2028
DE	Euro-PCT Application	Grant	15 Jul 2015	07 May 2008	08747743.6	17 Feb 2010	EP2153122A	15 Jul 2015	2153122	07 May 2028
DE	Euro-PCT Application Divisional	Grant	15 Jul 2015	07 May 2008	12156724.2	30 May 2012	2458269	15 Jul 2015	2458269	07 May 2028

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Country	Filing Type	Current Status	Current Status Date	Filing Date	Filing Number	Publication	Publication Number	Grant Date	Grant Number	Expiry Date (Date)
TW	National Patent	Grant	11 Aug 2014	07 May 2008	97116762			11 Aug 2014	1448644	07 May 2028
CN	PCT Application	Grant	15 Jun 2011	08 May 2008	200880014561.X	31 Mar 2010	CN101688644.A	15 Jun 2011	ZL200880014561.X	08 May 2028
DE	Euro-PCT Application	Grant	06 Jul 2016	08 May 2008	08780602.2	24 Feb 2010	EP2156090A	06 Jul 2016	2156090	08 May 2028
JP	PCT Application	Grant	26 Jul 2013	08 May 2008	2010-507643	05 Aug 2010	2010-527121	26 Jul 2013	5325208	08 May 2028
KR	PCT Application	Grant	05 Nov 2014	08 May 2008	10-2009-7025491			05 Nov 2014	10-1460832	08 May 2028
CN	PCT Application	Grant	10 Jul 2013	08 May 2008	200880014693.2	19 May 2010	CN101711325A	10 Jul 2013	ZL200880014693.2	08 May 2028
DE	Euro-PCT Application	Grant	14 Dec 2016	08 May 2008	08755157.8	13 Jan 2010	EP2142843A	14 Dec 2016	2142843	08 May 2028
KR	PCT Application	Grant	15 Jan 2015	08 May 2008	10-2009-7025478			15 Jan 2015	10-1485206	08 May 2028
CN	PCT Application	Grant	27 Mar 2013	08 May 2008	200880014844.4	23 Jun 2010	101755164A	27 Mar 2013	ZL200880014844.4	08 May 2028
DE	Euro-PCT Application	Grant	23 Aug 2017	08 May 2008	08755158.6	13 Jan 2010	EP2142844A	23 Aug 2017	2142844	08 May 2028
TW	National Patent	Grant	11 Jan 2014	08 May 2008	97117108			11 Jan 2014	1422785	08 May 2028
CA	Registered Design	Grant	21 Dec 2009	20 Apr 2007	1205600			21 Dec 2009	1205600	21 Dec 2019
IN	Registered Design	Grant	07 Jan 2008	24 Apr 2007	209840			07 Jan 2008	209840	23 Oct 2021

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Country	Filing Type	Current Status	Current Status Date	Filing Date	Filing Number	Publication	Publication Number	Grant Date	Grant Number	Expiry Date (Date)
JP	Registered Design	Grant	22 Aug 2008	23 Apr 2007	2007-10805			22 Aug 2008	1340192	22 Aug 2028
KR	Registered Design	Grant	14 Feb 2008	23 Apr 2007	30-2007-17585			14 Feb 2008	480313	14 Feb 2023
CA	Registered Design	Grant	21 Dec 2009	20 Apr 2007	120497			21 Dec 2009	120497	21 Dec 2019
IN	Registered Design	Grant	07 Jan 2008	24 Apr 2007	209841			07 Jan 2008	209841	23 Oct 2021
JP	Registered Design	Grant	22 Aug 2008	23 Apr 2007	2007-10806			22 Aug 2008	1340401	22 Aug 2028
KR	Registered Design	Grant	14 Feb 2008	23 Apr 2007	30-2007-17586			14 Feb 2008	480313-1	14 Feb 2023
CA	Registered Design	Grant	21 Dec 2009	20 Apr 2007	120498			21 Dec 2009	120498	21 Dec 2019
IN	Registered Design	Grant	20 Feb 2009	24 Apr 2007	209839			20 Feb 2009	209839	23 Oct 2021
JP	Registered Design	Grant	08 Aug 2008	23 Apr 2007	2007-10804			08 Aug 2008	1339588	08 Aug 2028
KR	Registered Design	Grant	20 Mar 2008	23 Apr 2007	30-2007-17584			20 Mar 2008	485244-1	20 Mar 2023
CA	Registered Design	Grant	21 Dec 2009	20 Apr 2007	120499			21 Dec 2009	120499	21 Dec 2019
EM	Community Design	Grant	23 Apr 2007	23 Apr 2007	718804			23 Apr 2007	000718804-0001	23 Apr 2032
IN	Registered Design	Grant	07 Jan 2008	24 Apr 2007	209838			07 Jan 2008	209838	23 Oct 2021

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Country	Filing Type	Current Status	Current Status Date	Filing Date	Filing Number	Publication	Publication Number	Grant Date	Grant Number	Expiry Date (Date)
JP	Registered Design	Grant	08 Aug 2008	23 Apr 2007	2007-10803			08 Aug 2008	1339434	08 Aug 2028
KR	Registered Design	Grant	20 Mar 2008	23 Apr 2007	30-2007-17583			20 Mar 2008	485244	20 Mar 2023
DE	Euro-PCT Application	Grant	07 Sep 2016	20 Dec 2006	06845870.2	03 Sep 2008	1963743A	07 Sep 2016	1963743	20 Dec 2026
JP	PCT Application	Grant	19 Sep 2014	20 Dec 2006	2008-547464			19 Sep 2014	5614766	20 Dec 2026
TW	National Patent	Grant	01 Jan 2014	20 Dec 2006	95147851			01 Jan 2014	1421438	20 Dec 2026
CN	PCT Application	Grant	27 Jun 2012	03 May 2007	200780016116.2	03 Jun 2009	CN101449100A	27 Jun 2012	ZL200780016116.2	03 May 2027
DE	Euro-PCT Application	Grant	27 Apr 2016	03 May 2007	07776706.9	11 Feb 2009	EP2021688	27 Apr 2016	2021688	03 May 2027
JP	PCT Application	Grant	09 Mar 2012	03 May 2007	2009-509720			09 Mar 2012	4944948	03 May 2027
KR	PCT Application	Grant	05 Dec 2013	03 May 2007	10-2008-7029662			05 Dec 2013	10-1340682	03 May 2027
TW	National Patent	Grant	01 Aug 2013	04 May 2007	96115828			01 Aug 2013	1403664	04 May 2027
CN	PCT Application	Grant	07 Mar 2012	20 Dec 2006	200680048117.0	03 Jun 2009	CN10144907A	07 Mar 2012	ZL200680048117.0	20 Dec 2026
JP	PCT Application	Grant	22 Nov 2012	20 Dec 2006	2008-547507			22 Nov 2012	5137847	20 Dec 2026
KR	PCT Application	Grant	15 Nov 2013	20 Dec 2006	10-2008-7017663			15 Nov 2013	10-1332139	20 Dec 2026

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Country	Filing Type	Current Status	Current Status Date	Filing Date	Filing Number	Publication	Publication Number	Grant Date	Grant Number	Expiry Date (Date)
TW	National Patent	Grant	01 Apr 2010	21 Dec 2006	95148132			01 Apr 2010	I322870	21 Dec 2026
TW	National Patent	Grant	01 Dec 2014	21 Dec 2006	95148134			01 Dec 2014	I463448	21 Dec 2026
CN	PCT Application	Grant	27 Aug 2014	19 Jan 2007	200780002700.2	01 Jul 2009	CN101473453A	27 Aug 2014	ZL200780002700.2	19 Jan 2027
KR	PCT Application	Grant	10 Jun 2014	19 Jan 2007	10-2008-7020293			10 Jun 2014	10-1408622	19 Jan 2027
TW	National Patent	Grant	01 Jul 2015	19 Jan 2007	96102055			01 Jul 2015	I491062	19 Jan 2027
TW	National Patent	Grant	01 Feb 2014	25 Jan 2007	96102801			01 Feb 2014	I425859	25 Jan 2027
CN	PCT Application	Grant	03 Aug 2011	18 Apr 2007	200780015338.2	07 Oct 2009	CN101554088A	03 Aug 2011	ZL200780015338.2	18 Apr 2027
CN	PCT Application Divisional	Grant	22 Apr 2015	18 Apr 2007	201110136808.9	04 Jan 2012	CN102305374A	22 Apr 2015	ZL201110136808.9	18 Apr 2027
JP	PCT Application	Grant	12 Apr 2013	18 Apr 2007	2009-506560			12 Apr 2013	5244090	18 Apr 2027
JP	PCT Application Divisional	Grant	03 Oct 2014	18 Apr 2007	2012-236649	28 Mar 2013	2013-058487	03 Oct 2014	5622824	18 Apr 2027
TW	National Patent	Grant	01 Apr 2014	18 Apr 2007	96113620			01 Apr 2014	I432677	18 Apr 2027
CN	PCT Application	Grant	27 Mar 2013	18 Apr 2007	200780015867.2	20 May 2009	CN101438630A	27 Mar 2013	ZL200780015867.2	18 Apr 2027
JP	PCT Application	Grant	03 Aug 2012	18 Apr 2007	2009-506559			03 Aug 2012	5053363	18 Apr 2027

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Country	Filing Type	Current Status	Current Status Date	Filing Date	Filing Number	Publication	Publication Number	Grant Date	Grant Number	Expiry Date (Date)
KR	PCT Application	Grant	09 Jul 2014	18 Apr 2007	10-2008-7028016			09 Jul 2014	10-1419954	18 Apr 2027
TW	National Patent	Grant	11 Nov 2014	18 Apr 2007	96113619			11 Nov 2014	1460880	18 Apr 2027
IN	PCT Application	Grant	29 Sep 2017	19 Apr 2007	6292/CHENP/2008			29 Sep 2017	287959	19 Apr 2027
JP	PCT Application	Grant	16 Jan 2015	19 Apr 2007	2009-506597			16 Jan 2015	5681364	19 Apr 2027
KR	PCT Application	Grant	27 Apr 2015	19 Apr 2007	10-2008-7028264			27 Apr 2015	10-1517244	19 Apr 2027
TW	National Patent	Grant	01 Nov 2013	20 Apr 2007	96113905			01 Nov 2013	1413741	20 Apr 2027
DE	Euro-PCT Application	Grant	31 Jul 2013	13 Sep 2007	07842402.5	10 Jun 2009	EP2066963A	31 Jul 2013	2066963	13 Sep 2027
TW	National Patent	Grant	01 Nov 2017	13 Sep 2007	96134235			01 Nov 2017	1604156	13 Sep 2027
CN	PCT Application	Grant	28 Nov 2012	09 Oct 2008	200880111843.1	01 Sep 2010	CN101821544A	28 Nov 2012	ZL200880111843.1	09 Oct 2028
DE	Euro-PCT Application	Grant	23 Nov 2016	09 Oct 2008	08837037.4	28 Jul 2010	EP2210036A	23 Nov 2016	2210036	09 Oct 2028
KR	PCT Application	Grant	27 Mar 2017	09 Oct 2008	10-2010-7010140			27 Mar 2017	10-1722265	09 Oct 2028
TW	National Patent	Grant	11 Apr 2015	09 Oct 2008	97138863			11 Apr 2015	1481068	09 Oct 2028
CA	Registered Design	Grant	21 Dec 2009	23 Oct 2007	122808			21 Dec 2009	122808	21 Dec 2019

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Country	Filing Type	Current Status	Current Status Date	Filing Date	Filing Number	Publication	Publication Number	Grant Date	Grant Number	Expiry Date (Date)
EM	Community Design	Grant	25 Oct 2007	25 Oct 2007	000815006			25 Oct 2007	000815006-0001	25 Oct 2022
IN	Registered Design	Grant	21 Oct 2009	26 Oct 2007	213071			21 Oct 2009	213071	27 Apr 2022
JP	Registered Design	Grant	19 Dec 2008	26 Oct 2007	2007-029504			19 Dec 2008	1349468	19 Dec 2028
KR	Registered Design	Grant	31 Jul 2008	26 Oct 2007	30-2007-44810			31 Jul 2008	30-501126	31 Jul 2023
CA	Registered Design	Grant	21 Dec 2009	23 Oct 2007	122780			21 Dec 2009	122780	21 Dec 2019
IN	Registered Design	Grant	03 Jul 2009	26 Oct 2007	213072			03 Jul 2009	213072	27 Apr 2022
JP	Registered Design	Grant	19 Aug 2011	26 Oct 2007	2007-029505			19 Aug 2011	1423345	19 Aug 2031
KR	Registered Design	Grant	10 Sep 2008	26 Oct 2007	30-2007-44811			10 Sep 2008	30-506009	10 Sep 2023
CA	Registered Design	Grant	21 Dec 2009	23 Oct 2007	122781			21 Dec 2009	122781	21 Dec 2019
IN	Registered Design	Grant	08 Jul 2009	26 Oct 2007	213073			08 Jul 2009	213073	27 Apr 2022
JP	Registered Design	Grant	09 Jan 2009	26 Oct 2007	2007-029506			09 Jan 2009	1,350,526	09 Jan 2029
KR	Registered Design	Grant	31 Jul 2008	26 Oct 2007	30-2007-44812			31 Jul 2008	30-501127	31 Jul 2023
CA	Registered Design	Grant	21 Dec 2009	23 Oct 2007	122782			21 Dec 2009	122782	21 Dec 2019

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Country	Filing Type	Current Status	Current Status Date	Filing Date	Filing Number	Publication	Publication Number	Grant Date	Grant Number	Expiry Date (Date)
IN	Registered Design	Grant	07 Jul 2009	26 Oct 2007	213074			07 Jul 2009	213074	27 Apr 2022
JP	Registered Design	Grant	10 Apr 2009	26 Oct 2007	2007-029507			10 Apr 2009	1359180	10 Apr 2029
KR	Registered Design	Grant	13 Oct 2008	26 Oct 2007	30-2007-44813			13 Oct 2008	30-509181	13 Oct 2023
CA	Registered Design	Grant	21 Dec 2009	23 Oct 2007	122783			21 Dec 2009	122783	21 Dec 2019
IN	Registered Design	Grant	20 Aug 2009	26 Oct 2007	213070			20 Aug 2009	213070	27 Apr 2022
JP	Registered Design	Grant	10 Apr 2009	26 Oct 2007	2007-029508			10 Apr 2009	1359181	10 Apr 2029
KR	Registered Design	Grant	14 Aug 2008	26 Oct 2007	30-2007-44814			14 Aug 2008	30-502883	14 Aug 2023
CA	Registered Design	Grant	21 Dec 2009	01 Nov 2007	122982			21 Dec 2009	122982	21 Dec 2019
IN	Registered Design	Grant	14 Aug 2009	26 Oct 2007	213075			14 Aug 2009	213075	03 May 2022
JP	Registered Design	Grant	09 Oct 2009	05 Nov 2007	2007-30571			09 Oct 2009	1373352	09 Oct 2029
KR	Registered Design	Grant	01 Aug 2008	05 Nov 2007	30-2007-45948			01 Aug 2008	30-501276	01 Aug 2023
CA	Registered Design	Grant	21 Dec 2009	01 Nov 2007	122980			21 Dec 2009	122980	21 Dec 2019
IN	Registered Design	Grant	04 Sep 2009	26 Oct 2007	213076			04 Sep 2009	213076	03 May 2022

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Country	Filing Type	Current Status	Current Status Date	Filing Date	Filing Number	Publication	Publication Number	Grant Date	Grant Number	Expiry Date (Date)
JP	Registered Design	Grant	09 Oct 2009	05 Nov 2007	2007-30572			09 Oct 2009	1373556	09 Oct 2029
KR	Registered Design	Grant	01 Aug 2008	05 Nov 2007	30-2007-45949			01 Aug 2008	30-501276	01 Aug 2023
CA	Registered Design	Grant	21 Dec 2009	01 Nov 2007	122983			21 Dec 2009	122983	21 Dec 2019
JP	Registered Design	Grant	10 Apr 2009	02 Nov 2007	2007-30432			10 Apr 2009	1359182	10 Apr 2029
KR	Registered Design	Grant	31 Jul 2008	05 Nov 2007	30-2007-45950			31 Jul 2008	30-501128	31 Jul 2023
CA	Registered Design	Grant	21 Dec 2009	01 Nov 2007	122981			21 Dec 2009	122981	21 Dec 2019
IN	Registered Design	Grant	27 Dec 2011	26 Oct 2007	213078			27 Dec 2011	213078	03 May 2022
KR	Registered Design	Grant	14 Aug 2008	05 Nov 2007	30-2007-45951			14 Aug 2008	30-502884	14 Aug 2023
CN	PCT Application	Grant	05 Dec 2012	08 May 2008	200880014967.8	19 May 2010	CN101711326A	05 Dec 2012	ZL200880014967.8	08 May 2028
DE	Euro-PCT Application	Grant	04 May 2016	08 May 2008	08747845.9	17 Feb 2010	EP2153112A	04 May 2016	2153112	08 May 2028
CN	PCT Application	Grant	26 Feb 2014	16 Jul 2008	200880024897.4	16 Jun 2010	CN101743488A	26 Feb 2014	ZL200880024897.4	16 Jul 2028
DE	Euro-PCT Application	Grant	14 Sep 2016	16 Jul 2008	08826420.5	07 Apr 2010	2171502	14 Sep 2016	2171502	16 Jul 2028
JP	PCT Application	Grant	13 Dec 2013	16 Jul 2008	2010-517128			13 Dec 2013	5431320	16 Jul 2028

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Country	Filing Type	Current Status	Current Status Date	Filing Date	Filing Number	Publication	Publication Number	Grant Date	Grant Number	Expiry Date (Date)
TW	National Patent	Grant	01 Dec 2014	17 Jul 2008	97127122			01 Dec 2014	I463096	17 Jul 2028
CN	PCT Application	Grant	08 May 2013	08 May 2008	200880015170.X	24 Mar 2010	CN101680604A	08 May 2013	ZL200880015170.X	08 May 2028
DE	Euro-PCT Application	Grant	22 Jun 2016	08 May 2008	08755166.9	24 Mar 2010	EP 2165113A	22 Jun 2016	2165113	08 May 2028
DE	Euro-PCT Application Divisional	Grant	29 Aug 2018	08 May 2008	12160002.7	27 Jun 2012	EP 2469151 A	29 Aug 2018	2469151	08 May 2028
TW	National Patent	Grant	11 Jun 2017	08 May 2008	97117111			11 Jun 2017	I587742	08 May 2028
CN	PCT Application	Grant	07 Aug 2013	21 Nov 2008	200880118772.8	17 Nov 2010	CN101889475A	07 Aug 2013	ZL200880118772.8	21 Nov 2028
JP	PCT Application	Grant	01 Nov 2013	21 Nov 2008	2010-536072			01 Nov 2013	5399406	21 Nov 2028
EM	Community Design	Grant	02 Jun 2008	02 Jun 2008	000948344			02 Jun 2008	000948344-0001	02 Jun 2033
IN	Registered Design	Grant	18 Dec 2008	02 Jun 2008	216529			18 Dec 2008	10706	03 Dec 2022
JP	Registered Design	Grant	28 Apr 2011	02 Jun 2008	2008-013900			28 Apr 2011	1415065	28 Apr 2031
KR	Registered Design	Grant	31 Mar 2009	03 Jun 2008	30-2008-23370			31 Mar 2009	30-525241	31 Mar 2024
AT	Euro-PCT Application	Grant	10 Apr 2013	20 Jan 2009	09704232.9	13 Oct 2010	EP2238808A	10 Apr 2013	2238808	20 Jan 2029
DE	Euro-PCT Application	Grant	10 Apr 2013	20 Jan 2009	09704232.9	13 Oct 2010	EP2238808A	10 Apr 2013	2238808	20 Jan 2029

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Country	Filing Type	Current Status	Current Status Date	Filing Date	Filing Number	Publication	Publication Number	Grant Date	Grant Number	Expiry Date (Date)
GB	Euro-PCT Application	Grant	10 Apr 2013	20 Jan 2009	09704232.9	13 Oct 2010	EP2238808A	10 Apr 2013	2238808	20 Jan 2029
JP	PCT Application	Grant	09 Jan 2015	20 Jan 2009	2010-544383	31 Mar 2011	2011-510474	09 Jan 2015	5676276	20 Jan 2029
NL	Euro-PCT Application	Grant	10 Apr 2013	20 Jan 2009	09704232.9	13 Oct 2010	EP2238808A	10 Apr 2013	2238808	20 Jan 2029
CN	PCT Application	Grant	09 Oct 2013	07 May 2008	200880015172.9	28 Jul 2010	CN101790660A	09 Oct 2013	ZL200880015172.9	07 May 2028
DE	Euro-PCT Application	Grant	23 Dec 2015	07 May 2008	08747745.1	17 Feb 2010	EP2153116A	23 Dec 2015	2153116	07 May 2028
JP	PCT Application	Grant	27 Sep 2013	07 May 2008	2010-507605	05 Aug 2010	2010-527118	27 Sep 2013	5371960	07 May 2028
KR	PCT Application	Grant	23 Jul 2015	07 May 2008	10-2009-7025334			23 Jul 2015	10-1540488	07 May 2028
TW	National Patent	Grant	11 Feb 2014	07 May 2008	97116763			11 Feb 2014	I426204	07 May 2028
CN	PCT Application	Grant	17 Feb 2016	16 Jun 2010	201080034637.2	23 May 2012	CN102473703	17 Feb 2016	ZL201080034637.2	16 Jun 2030
CN	PCT Application	Grant	01 Jul 2015	23 Mar 2010	2010800134449	22 Feb 2012	CN102362118 A	01 Jul 2015	ZL201080013444.9	23 Mar 2030
GB	Euro-PCT Application	Grant	28 Sep 2016	23 Mar 2010	10711505.7	02 Jan 2012	2411733	28 Sep 2016	2411733	23 Mar 2030
JP	PCT Application	Grant	27 Nov 2015	23 Mar 2010	2012-502158	13 Sep 2012	2012-521641	27 Nov 2015	5844728	23 Mar 2030
CN	PCT Application	Grant	03 Aug 2016	30 Mar 2010	2010800216701	25 Apr 2012	CN102428319A	03 Aug 2016	ZL201080021670.1	30 Mar 2030

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Country	Filing Type	Current Status	Current Status Date	Filing Date	Filing Number	Publication	Publication Number	Grant Date	Grant Number	Expiry Date (Date)
CN	PCT Application	Grant	06 Aug 2014	07 Mar 2008	200880015171.4	24 Mar 2010	CN101680645A	06 Aug 2014	ZL200880015171.4	07 Mar 2028
DE	Euro-PCT Application	Grant	19 Apr 2017	07 May 2008	08755098.4	17 Mar 2010	EP2162674A	19 Apr 2017	2162674	07 May 2028
JP	PCT Application	Grant	12 Dec 2014	07 May 2008	2010-507606	05 Aug 2010	2010-527119	12 Dec 2014	5661455	07 May 2028
DE	Euro-PCT Application	Grant	26 Mar 2014	30 Nov 2009	09829842.5	17 Aug 2011	2356886	26 Mar 2014	2356886	30 Nov 2029
CN	PCT Application	Grant	26 Aug 2015	30 Nov 2009	200980153529.4	07 Dec 2011	CN102273321A	26 Aug 2015	ZL200980153529.4	30 Nov 2029
DE	Euro-PCT Application	Grant	17 Apr 2013	30 Nov 2009	09829844.1	17 Aug 2011	2356885	17 Apr 2013	2356885	30 Nov 2029
CN	PCT Application	Grant	16 Apr 2014	07 Oct 2009	200980142335.4	28 Sep 2011	CN1022039442A	16 Apr 2014	ZL200980142335.4	07 Oct 2029
CN	PCT Application	Grant	22 Mar 2017	19 Mar 2010	201080023107.8			22 Mar 2017	ZL201080023107.8	19 Mar 2030
DE	Euro-PCT Application	Grant	28 Jun 2017	19 Mar 2010	10725524.2	15 Feb 2012	2417386	28 Jun 2017	2417386	19 Mar 2030
CN	PCT Application	Grant	17 May 2017	07 Oct 2009	2009810423320	12 Oct 2011	CN102216676A	17 May 2017	ZL200980142332.0	07 Oct 2029
DE	Euro-PCT Application	Grant	18 Jan 2017	07 Oct 2009	09756597.2	29 Jun 2011	EP2337993A	18 Jan 2017	2337993	07 Oct 2029
AU	PCT Application	Grant	08 Mar 2012	01 Sep 2009	2009308063			08 Mar 2012	2009308063	01 Sep 2029
AU	PCT Application Divisional	Grant	02 Oct 2014	01 Sep 2009	2012200593			02 Oct 2014	2012200593	01 Sep 2029

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Country	Filing Type	Current Status	Current Status Date	Filing Date	Filing Number	Publication	Publication Number	Grant Date	Grant Number	Expiry Date (Date)
CN	PCT Application	Grant	12 Mar 2014	01 Sep 2009	200980142333.5	28 Sep 2011	CN102203494A	12 Mar 2014	ZL200980142333.5	01 Sep 2029
DE	Euro-PCT Application	Grant	14 Mar 2018	01 Sep 2009	09792131.6	29 Jun 2011	EP2337987A	14 Mar 2018	2337987	01 Sep 2029
EM	Community Design	Grant	28 Apr 2011	28 Apr 2011	001856600			28 Apr 2011	001856600-0001	28 Apr 2036
JP	PCT Application	Grant	07 Feb 2014	01 Sep 2009	2011-533201	22 Mar 2012	2012-507115	07 Feb 2014	5469176	01 Sep 2029
JP	National Patent Divisional	Grant	08 Jan 2016	01 Sep 2009	2013-232182	20 Mar 2014	2014-053320	08 Jan 2016	5865884	01 Sep 2029
CN	PCT Application	Grant	11 Jul 2012	20 Jan 2009	200980103166.3	22 Dec 2010	CN101926222A	11 Jul 2012	ZL200980103166.3	20 Jan 2029
DE	Euro-PCT Application	Grant	07 Dec 2011	20 Jan 2009	09704194.1	13 Oct 2010	EP2238807	07 Dec 2011	EP2238807	20 Jan 2029
DE	Euro-PCT Application Divisional	Grant	24 Jul 2013	20 Jan 2009	11189429.1	09 May 2012	EP2451250 A	24 Jul 2013	2451250	20 Jan 2029
FR	Euro-PCT Application	Grant	07 Dec 2011	20 Jan 2009	09704194.1	13 Oct 2010	EP2238807	07 Dec 2011	EP2238807	20 Jan 2029
GB	Euro-PCT Application	Grant	07 Dec 2011	20 Jan 2009	09704194.1	13 Oct 2010	EP2238807	07 Dec 2011	EP2238807	20 Jan 2029
GB	Euro-PCT Application Divisional	Grant	24 Jul 2013	20 Jan 2009	11189429.1	09 May 2012	EP2451250 A	24 Jul 2013	2451250	20 Jan 2029
IE	Euro-PCT Application	Grant	07 Dec 2011	20 Jan 2009	09704194.1	13 Oct 2010	EP2238807	07 Dec 2011	EP2238807	20 Jan 2029
IT	Euro-PCT Application	Grant	07 Dec 2011	20 Jan 2009	09704194.1	13 Oct 2010	EP2238807	07 Dec 2011	EP2238807	20 Jan 2029

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Country	Filing Type	Current Status	Current Status Date	Filing Date	Filing Number	Publication	Publication Number	Grant Date	Grant Number	Expiry Date (Date)
JP	PCT Application	Grant	05 Jun 2015	20 Jan 2009	2010-544384	31 Mar 2011	2011-510475	05 Jun 2015	5754944	20 Jan 2030
NL	Euro-PCT Application	Grant	07 Dec 2011	20 Jan 2009	09704194.1	13 Oct 2010	EP2238807	07 Dec 2011	EP2238807	20 Jan 2030
CN	PCT Application	Grant	06 Nov 2013	10 Nov 2009	200980154672.5	14 Feb 2011	102282417	06 Nov 2013	ZL200980154672.5	10 Nov 2029
DE	Euro-PCT Application	Grant	06 Jan 2016	10 Nov 2009	09752079.5	17 Aug 2011	2356375	06 Jan 2016	2356375	10 Nov 2029
JP	PCT Application	Grant	04 Apr 2014	10 Nov 2009	2011-536409			04 Apr 2014	5511837	10 Nov 2029
CN	PCT Application	Grant	08 Feb 2017	31 Aug 2010	201080038492.3			08 Feb 2017	ZL201080038492.3	31 Aug 2030
DE	Euro-PCT Application	Grant	26 Jun 2013	28 May 2010	107225559.8	11 Apr 2012	2438348	26 Jun 2013	2438348	28 May 2030
NL	Euro-PCT Application	Grant	26 Jun 2013	28 May 2010	107225559.8	11 Apr 2012	2438348	26 Jun 2013	2438348	28 May 2030
CN	PCT Application	Grant	14 Dec 2016	08 Oct 2010	201080045768.0	12 Sep 2012	CN102667333A	14 Dec 2016	ZL201080045768.0	08 Oct 2030
CN	PCT Application	Grant	09 Sep 2015	21 Sep 2010	201080042699.8	08 Aug 2012	CN102630288A	09 Sep 2015	ZL201080042699.8	21 Sep 2030
CN	PCT Application	Grant	28 Dec 2016	09 Sep 2010	201080053889.X	21 Aug 2013	103262657	28 Dec 2016	ZL201080053889.X	09 Sep 2030
JP	PCT Application	Grant	09 Oct 2015	09 Sep 2010	2012-530920			09 Oct 2015	5820380	09 Sep 2030
CN	PCT Application	Grant	05 Sep 2017	03 Sep 2010	201080052740.X	03 Oct 2012	102714260	05 Sep 2017	ZL201080052740.X	03 Sep 2030

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Country	Filing Type	Current Status	Current Status Date	Filing Date	Filing Number	Publication	Publication Number	Grant Date	Grant Number	Expiry Date (Date)
DE	Euro-PCT Application	Grant	01 Aug 2018	03 Sep 2010	10760820.0			01 Aug 2018	2460193	03 Sep 2030
CN	PCT Application	Grant	24 Sep 2014	07 Jun 2010	201080026354.3	16 May 2012	102459990	24 Sep 2014	ZL201080026354.3	07 Jun 2030
DE	Euro-PCT Application	Grant	21 Feb 2018	07 Jun 2010	10725560.6	18 Apr 2012	2440837	21 Feb 2018	2440837	07 Jun 2030
DE	Euro-PCT Application	Grant	07 Sep 2016	15 Sep 2010	10821018.8	04 Jul 2012	2470827	07 Sep 2016	2470827	15 Sep 2030
CN	PCT Application	Grant	31 Aug 2016	29 Jun 2010	201080034876.8	23 May 2012	CN102472482 A	31 Aug 2016	ZL201080034876.8	29 Jun 2030
DE	Euro-PCT Application	Grant	25 Feb 2015	29 Jun 2010	10806798.4	13 Jun 2012	2462377	25 Feb 2015	602010022677.8	29 Jun 2030
KR	PCT Application	Grant	28 Jul 2017	29 Jun 2010	10-2012-7005719			28 Jul 2017	10-1764803	29 Jun 2030
DE	Euro-PCT Application	Grant	21 Sep 2016	10 Aug 2010	10757645.6	27 Jun 2012	2468072	21 Sep 2016	2468072	10 Aug 2030
GB	Euro-PCT Application	Grant	21 Sep 2016	10 Aug 2010	10757645.6	27 Jun 2012	2468072	21 Sep 2016	2468072	10 Aug 2030
CN	PCT Application	Grant	12 Aug 2015	15 Dec 2010	201080062058.9	03 Oct 2012	CN102714897A	12 Aug 2015	ZL201080062058.9	15 Dec 2030
JP	PCT Application	Grant	08 Jul 2016	15 Dec 2010	2012-544480	02 May 2013	2013-515354	08 Jul 2016	5964238	15 Dec 2030
CN	PCT Application	Grant	16 Sep 2015	08 Dec 2010	201080062056.X	17 Oct 2012	CN102741606A	16 Sep 2015	ZL201080062056.X	08 Dec 2030
DE	Euro-PCT Application	Grant	09 May 2018	08 Dec 2010	10799139.0	24 Oct 2012	2513553	09 May 2018	2513553	08 Dec 2030

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Country	Filing Type	Current Status	Current Status Date	Filing Date	Filing Number	Publication	Publication Number	Grant Date	Grant Number	Expiry Date (Date)
JP	PCT Application	Grant	13 Jun 2014	08 Dec 2010	2012-543086	22 Apr 2013	2013-513918	13 Jun 2014	5559351	08 Dec 2030
CN	PCT Application	Grant	26 Aug 2015	10 Sep 2010	201080053070.3	12 Sep 2012	CN 102667320 A	26 Aug 2015	ZL2010800530703	10 Sep 2030
CN	PCT Application	Grant	25 Mar 2015	05 Apr 2010	201080034459.3	18 Jul 2012	102598853	25 Mar 2015	ZL201080034459.3	05 Apr 2030
DE	Euro-PCT Application	Grant	05 Mar 2014	05 Apr 2010	10711817.6	04 Apr 2012	2436232	05 Mar 2014	2436232	05 Apr 2030
GB	Euro-PCT Application	Grant	05 Mar 2014	05 Apr 2010	10711817.6	04 Apr 2012	2436232	05 Mar 2014	2436232	05 Apr 2030
JP	PCT Application	Grant	13 Mar 2015	05 Apr 2010	2012-5130732	12 Nov 2012	2012-528460	13 Mar 2015	5711727	05 Apr 2030
CN	PCT Application	Grant	21 Oct 2015	27 May 2011	201180028656.9	17 Apr 2013	CN 103052838 A	21 Oct 2015	ZL20118002656.9	27 May 2031
JP	PCT Application	Grant	21 Aug 2015	27 May 2011	2013-514208	22 Aug 2013	2013-533581	21 Aug 2015	5795632	27 May 2031
CN	PCT Application	Grant	09 Mar 2016	13 Sep 2010	201080053242.7	12 Sep 2012	102668718	09 Mar 2016	ZL201080053242.7	13 Sep 2030
DE	Euro-PCT Application	Grant	19 Apr 2017	21 Oct 2010	10774320.5	05 Sep 2012	EP2494268	19 Apr 2017	2494268	21 Oct 2030
TW	National Patent	Grant	21 Jun 2017	27 Oct 2010	099136758	16 Aug 2011	201128137	21 Jun 2017	1588409	27 Oct 2030
CN	PCT Application	Grant	28 Dec 2016	07 Feb 2011	2011800188049	26 Dec 2012	CN102844619A	28 Dec 2016	ZL201180018804.9	07 Feb 2031
CN	PCT Application	Grant	27 Apr 2016	08 Feb 2011	201180025507.7			27 Apr 2016	ZL201180025507.7	08 Feb 2031

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Country	Filing Type	Current Status	Current Status Date	Filing Date	Filing Number	Publication	Publication Number	Grant Date	Grant Number	Expiry Date (Date)
GB	Euro-PCT Application	Grant	14 Sep 2016	08 Feb 2011	11759860.7	30 Jan 2013	2550477	14 Sep 2016	2550477	08 Feb 2031
JP	PCT Application	Grant	15 Jul 2016	08 Feb 2011	2013-501265	11 Jul 2013	2013-528894	15 Jul 2016	5968299	08 Feb 2031
CN	PCT Application	Grant	03 Aug 2016	07 Feb 2011	2011800092972			03 Aug 2016	ZL201180009297.2	07 Feb 2031
CN	PCT Application	Grant	29 Jun 2016	21 Sep 2010	201080042700.7	19 Sep 2012	CN102686933A	29 Jun 2016	ZL201080042700.7	21 Sep 2030
DE	Euro-PCT Application	Grant	28 Jun 2017	21 Sep 2010	10760850.7	01 Aug 2012	2480822	28 Jun 2017	2480822	21 Sep 2030
KR	PCT Application	Grant	16 Mar 2018	21 Sep 2010	10-2012-7010529			16 Mar 2018	10-1841290	21 Sep 2030
TW	National Patent	Grant	21 Jan 2017	24 Sep 2010	099132313	01 Apr 2011	201111678	21 Jan 2017	1567325	24 Sep 2030
TW	National Patent Divisional	Grant	21 Jul 2017	24 Sep 2010	105139881	16 May 2017	201716720	21 Jul 2017	1592608	24 Sep 2030
DE	Euro-PCT Application	Grant	07 Sep 2016	21 Sep 2010	10766392.4	01 Aug 2012	2480824	07 Sep 2016	2480824	21 Sep 2030
KR	PCT Application	Grant	09 Nov 2017	21 Sep 2010	10-2012-7010528			09 Nov 2017	10-1798249	21 Sep 2030
TW	National Patent	Grant	01 Oct 2016	24 Sep 2010	99132312	01 May 2011	201115060	01 Oct 2016	1551807	24 Sep 2030
CN	Registered Design	Grant	20 Oct 2010	23 Mar 2010	201030142470.4			20 Oct 2010	ZL201030142470.4	23 Mar 2020
EM	Community Design	Grant	16 Mar 2010	16 Mar 2010	001682121-0001			16 Mar 2010	001682121-0001	16 Mar 2035

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Country	Filing Type	Current Status	Current Status Date	Filing Date	Filing Number	Publication	Publication Number	Grant Date	Grant Number	Expiry Date (Date)
TW	Registered Design	Grant	11 Sep 2011	05 Mar 2010	099301055			11 Sep 2011	D142716	05 Mar 2031
CN	PCT Application	Grant	02 Nov 2016	02 Mar 2011	201180020709.2	02 Jan 2013	CN102859259A	02 Nov 2016	ZL201180020709.2	02 Mar 2031
JP	PCT Application	Grant	20 Jun 2014	02 Mar 2011	2012-556063			20 Jun 2014	5564121	02 Mar 2031
CN	PCT Application	Grant	06 Jul 2016	25 Apr 2011	201180022813.5	09 Jan 2013	102870501	06 Jul 2016	ZL201180022813.5	25 Apr 2031
DE	Euro-PCT Application	Grant	14 Dec 2016	25 Apr 2011	11777867.0	13 Mar 2013	2567597	14 Dec 2016	2567597	25 Apr 2031
GB	Euro-PCT Application	Grant	14 Dec 2016	25 Apr 2011	11777867.0	13 Mar 2013	2567597	14 Dec 2016	2567597	25 Apr 2031
JP	PCT Application	Grant	09 May 2014	25 Apr 2011	2013-509109	20 Jun 2013	2013-525999	09 May 2014	5540150	25 Apr 2031
CN	PCT Application	Grant	11 Mar 2015	14 Sep 2010	201080056791.X	12 Sep 2012	CN 102667318 A	11 Mar 2015	ZL201080056791.X	14 Sep 2030
CN	PCT Application	Grant	05 Jun 2018	02 Mar 2011	201180022583.2	26 Jun 2013	CN103180658 A	05 Jun 2018	ZL201180022583.2	02 Mar 2031
CN	PCT Application	Grant	13 Jul 2016	21 Jan 2011	2011800145109			13 Jul 2016	ZL201180014510.9	21 Jan 2031
DE	Euro-PCT Application	Grant	15 Jun 2016	21 Jan 2011	11701919.0	05 Dec 2012	2529146A	15 Jun 2016	2529146	21 Jan 2031
JP	PCT Application	Grant	08 Apr 2016	30 Sep 2011	2013-533874	21 Nov 2013	2013-542570	08 Apr 2016	5913332	30 Sep 2031
CN	PCT Application	Grant	22 Mar 2017	02 Mar 2011	201180022624.8	27 Mar 2013	CN103003625	22 Mar 2017	ZL201180022624.8	02 Mar 2031

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Country	Filing Type	Current Status	Current Status Date	Filing Date	Filing Number	Publication	Publication Number	Grant Date	Grant Number	Expiry Date (Date)
JP	PCT Application	Grant	01 Aug 2014	02 Mar 2011	2012-556066			01 Aug 2014	5588024	02 Mar 2031
CN	PCT Application	Grant	23 Nov 2016	23 Mar 2011	201180025975.4	30 Jan 2013	102906956	23 Nov 2016	ZL201180025975.4	23 Mar 2031
CN	PCT Application	Grant	23 Sep 2015	23 Mar 2011	201180026029.1	30 Jan 2013	102906797	23 Sep 2015	ZL201180026029.1	23 Mar 2031
CN	National Patent	Grant	08 Dec 2017	09 May 2011	201180030207.8	27 Feb 2013	CN102947643A	08 Dec 2017	ZL201180030207.8	09 May 2031
DE	Euro-PCT Application	Grant	17 Jan 2018	09 May 2011	11720678.9	20 Mar 2013	2569575	17 Jan 2018	2569575	09 May 2031
TW	National Patent	Grant	11 Dec 2014	10 May 2011	100116389	16 Jan 2012	201202751	11 Dec 2014	I464458	10 May 2031
JP	PCT Application	Grant	08 Sep 2017	29 Nov 2011	2013-543207	19 Dec 2013	2013-545254	08 Sep 2017	6204194	29 Nov 2031
TW	National Patent	Grant	11 May 2016	11 May 2011	100116449	16 Mar 2012	201211442	11 May 2016	I532947	11 May 2031
CN	PCT Application	Grant	29 Oct 2014	03 Jun 2011	201180038943.8	29 Oct 2014	CN103059213	29 Oct 2014	ZL201180038943.8	03 Jun 2031
JP	PCT Application	Grant	02 Oct 2015	03 Jun 2011	2013-514236	08 Jul 2013	2013-528315	02 Oct 2015	5814355	03 Jun 2031
CN	PCT Application	Grant	25 Mar 2015	03 Jun 2011	201180004124.1	19 Sep 2012	CN102686943A	25 Mar 2015	ZL201180004124.1	03 Jun 2031
DE	Euro-PCT Application	Grant	22 Jul 2015	03 Jun 2011	11790482.1	02 May 2012	2446186	22 Jul 2015	602011018082.7	03 Jun 2031
DE	Euro-PCT Application Divisional	Grant	25 Feb 2015	03 Jun 2011	12152917	09 May 2012	2450615	25 Feb 2015	602011014239.9	03 Jun 2031

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Country	Filing Type	Current Status	Current Status Date	Filing Date	Filing Number	Publication	Publication Number	Grant Date	Grant Number	Expiry Date (Date)
JP	PCT Application	Grant	09 May 2014	03 Jun 2011	2013-513380	27 Jun 2013	2013-527589	09 May 2014	5539588	03 Jun 2031
KR	PCT Application	Grant	20 May 2013	03 Jun 2011	10-2012-7003774			20 May 2013	10-1267455	03 Jun 2031
RU	PCT Application	Grant	15 Jul 2014	03 Jun 2011	2012103752			15 Jul 2014	2527555	03 Jun 2031
GB	Euro-PCT Application	Grant	24 Aug 2016	30 Sep 2011	11838411.4	11 Sep 2013	2635841	24 Aug 2016	2635841	30 Sep 2031
CN	PCT Application	Grant	11 May 2016	22 Feb 2012	201280018426.9			11 May 2016	ZL201280018426.9	22 Feb 2032
MX	PCT Application	Grant	11 Feb 2015	22 Feb 2012	MX/a/2013/010004			11 Feb 2015	327803	22 Feb 2032
CN	National Patent	Grant	06 Jun 2017	02 Mar 2011	201180048604.8	10 Jul 2013	103201559	06 Jun 2017	ZL201180048604.8	02 Mar 2031
DE	European Application	Grant	18 Oct 2017	02 Mar 2011	11708161.2	14 Aug 2013	2625459	18 Oct 2017	2625459	02 Mar 2031
JP	National Patent	Grant	27 May 2016	02 Mar 2011	2013-532791			27 May 2016	5940546	02 Mar 2031
CN	PCT Application	Grant	12 Oct 2016	19 Jun 2012	201280037650.2	09 Apr 2014	CN103718005A	12 Oct 2016	ZL201280037650.2	19 Jun 2032
TW	National Patent	Grant	01 Feb 2017	30 Aug 2011	100131021	16 Jun 2012	201224338	01 Feb 2017	I-568966	30 Aug 2031
CN	PCT Application	Grant	08 Jun 2016	15 Nov 2011	201180065280.9	25 Sep 2013	CN103329631A	08 Jun 2016	ZL201180065280.9	15 Nov 2031
CN	PCT Application	Grant	23 Nov 2016	02 Mar 2011	201180053514.8	10 Jul 2013	CN103201558A	23 Nov 2016	ZL201180053514.8	02 Mar 2031

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Country	Filing Type	Current Status	Current Status Date	Filing Date	Filing Number	Publication	Publication Number	Grant Date	Grant Number	Expiry Date (Date)
TW	National Patent	Grant	11 Apr 2015	02 Mar 2011	100106967	01 Apr 2012	201213718	11 Apr 2015	1480485	02 Mar 2031
CN	Registered Design	Grant	16 Nov 2011	02 Mar 2011	201130032926.6			16 Nov 2011	ZL201130032926.6	02 Mar 2031
EM	Community Design	Grant	02 Mar 2011	02 Mar 2011	001829383			02 Mar 2011	001829383-0001	02 Mar 2036
JP	Registered Design	Grant	16 Dec 2011	02 Mar 2011	2011-004763			16 Dec 2011	1432096	16 Dec 2031
KR	Registered Design	Grant	07 Dec 2012	02 Mar 2011	30-2011-0008448			07 Dec 2012	30-0672431	07 Dec 2027
TW	Registered Design	Grant	11 Aug 2012	02 Mar 2011	100300962			11 Aug 2012	D-148774	02 Mar 2023
CN	Registered Design	Grant	02 May 2012	02 Mar 2011	201130038668.2			02 May 2012	ZL201130038668.2	02 Mar 2021
JP	Registered Design	Grant	19 Aug 2011	02 Mar 2011	4733/2011			19 Aug 2011	1423326	19 Aug 2031
JP	Registered Design	Grant	19 Aug 2011	02 Mar 2011	4734/2011			19 Aug 2011	1423327	19 Aug 2031
KR	Registered Design	Grant	20 Sep 2012	02 Mar 2011	30-2011-0008447			20 Sep 2012	30-0661215	20 Sep 2027
TW	Registered Design	Grant	01 May 2012	02 Mar 2011	100300963			01 May 2012	D146914	02 Mar 2023
TW	Registered Design	Grant	11 Feb 2013	02 Mar 2011	100306145			11 Feb 2013	D151895	02 Mar 2023
JP	PCT Application	Grant	09 Jan 2015	02 Mar 2011	2012-556062			09 Jan 2015	5676654	02 Mar 2031

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Country	Filing Type	Current Status	Current Status Date	Filing Date	Filing Number	Publication	Publication Number	Grant Date	Grant Number	Expiry Date (Date)
MX	PCT Application	Grant	27 Jan 2015	02 Mar 2011	MX/a/2013/007272	13 Feb 2014	5391916	27 Jan 2015	327339	02 Mar 2021
CN	PCT Application	Grant	25 Aug 2017	05 Oct 2011	201180063337.1	28 Aug 2013	103270550	25 Aug 2017	ZL201180063337.1	05 Oct 2031
DE	Euro-PCT Application	Grant	22 Nov 2017	05 Oct 2011	11838419.7	11 Sep 2013	2636035	22 Nov 2017	2636035	05 Oct 2031
AU	Registered Design	Grant	01 Jul 2011	27 Apr 2011	11806/2011			01 Jul 2011	337458	27 Apr 2021
AU	Registered Design	Grant	01 Jul 2011	27 Apr 2011	12878/2011			01 Jul 2011	337459	27 Apr 2021
AU	Registered Design	Grant	01 Jul 2011	27 Apr 2011	12879/2011			01 Jul 2011	337460	27 Apr 2021
AU	Registered Design	Grant	01 Jul 2011	27 Apr 2011	12880/2011			01 Jul 2011	337461	27 Apr 2021
AU	Registered Design	Grant	04 Nov 2011	11 Oct 2011	14584/2011			04 Nov 2011	339270	11 Oct 2021
AU	Registered Design	Grant	04 Nov 2011	11 Oct 2011	14585/2011			04 Nov 2011	339271	11 Oct 2021
AU	Registered Design	Grant	04 Nov 2011	11 Oct 2011	14586/2011			04 Nov 2011	339272	11 Oct 2021
CN	Registered Design	Grant	18 Jan 2012	27 Apr 2011	201130093400.9			18 Jan 2012	ZL201130093400.9	27 Apr 2021
CN	PCT Application	Grant	08 Feb 2017	12 Oct 2011	201180063074.4	01 Jan 2014	103492791	08 Feb 2017	ZL201180063074.4	12 Oct 2031
CN	Registered Design	Grant	31 Oct 2012	11 Oct 2011	201130358181.2			31 Oct 2012	ZL201130358181.2	11 Oct 2021

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Country	Filing Type	Current Status	Current Status Date	Filing Date	Filing Number	Publication	Publication Number	Grant Date	Grant Number	Expiry Date (Date)
CN	Registered Design Divisional	Grant	07 Nov 2012	11 Oct 2011	201230178391.8			07 Nov 2012	ZL201230178391.8	11 Oct 2032
EM	Community Design	Grant	15 Apr 2011	15 Apr 2011	001851809			15 Apr 2011	001851809-001	15 Apr 2036
EM	Community Design	Grant	11 Oct 2011	11 Oct 2011	001930074-0001			11 Oct 2011	001930074-0001	11 Oct 2036
DE	Euro-PCT Application	Grant	24 Oct 2018	31 May 2012	12792795.2			24 Oct 2018	2716137	31 May 2032
EP	Euro-PCT Application	Grant	24 Oct 2018	31 May 2012	12792795.2			24 Oct 2018	2716137	31 May 2032
JP	PCT Application	Grant	27 May 2016	31 May 2012	2014-513696	21 Aug 2014	2014-520360	27 May 2016	5941139	31 May 2032
CN	Registered Design	Grant	07 Mar 2012	13 May 2011	201130133267.5			07 Mar 2012	ZL201130133267.5	13 May 2021
EM	Community Design	Grant	04 May 2011	04 May 2011	001858937-0001			04 May 2011	001858937-0001	04 May 2036
JP	Registered Design	Grant	17 Feb 2012	12 May 2011	10629/2011			17 Feb 2012	1436376	17 Feb 2032
CN	PCT Application	Grant	24 Aug 2016	08 Nov 2012	201280066216.7	09 Oct 2014	104041183	24 Aug 2016	ZL201280066216.7	08 Nov 2032
CN	PCT Application	Grant	05 Oct 2016	30 May 2012	201280037985.4	16 Apr 2014	CN103732986	05 Oct 2016	ZL201280037985.4	30 May 2032
DE	Euro-PCT Application	Grant	13 Dec 2017	20 Dec 2012	12860560.7	26 Nov 2014	2805578	13 Dec 2017	2805578	20 Dec 2032
DE	Euro-PCT Application	Grant	21 Jun 2017	15 Aug 2012	12759299.6	02 Jul 2014	2748522	21 Jun 2017	2748522	15 Aug 2032

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REEL: 053226 FRAME: 0409

Country	Filing Type	Current Status	Current Status Date	Filing Date	Filing Number	Publication	Publication Number	Grant Date	Grant Number	Expiry Date (Date)
CN	PCT Application	Grant	27 Mar 2018	02 Dec 2011	201180058225.7	31 Jul 2013	CN103228981	27 Mar 2018	ZL201180058225.7	02 Dec 2031
CN	Registered Design	Grant	18 Jul 2012	03 Jun 2011	201130157442.4			18 Jul 2012	ZL201130157442.4	03 Jun 2021
CN	Registered Design Divisional	Grant	11 Jul 2012	03 Jun 2011	201130504559.5			11 Jul 2012	ZL201130504559.5	03 Jun 2021
DE	Euro-PCT Application	Grant	28 Mar 2018	02 Dec 2011	11793990.0			28 Mar 2018	2646743	02 Dec 2031
EM	Community Design	Grant	19 May 2011	19 May 2011	001866138			19 May 2011	001866138-0001	19 May 2036
CN	Registered Design	Grant	09 Mar 2012	20 Jun 2011	201130182234.X			09 Mar 2012	201130182234.X	20 Jun 2021
EM	Community Design	Grant	15 Jun 2011	15 Jun 2011	001878208-0001			15 Jun 2011	001878208-0001	15 Jun 2036
JP	Registered Design	Grant	20 Jan 2012	15 Jun 2011	2011-013549			20 Jan 2012	1433998	20 Jan 2032
JP	Registered Design	Grant	11 May 2012	15 Jun 2011	2011-027766			11 May 2012	2011-027766	11 May 2032
JP	Registered Design	Grant	11 May 2012	15 Jun 2011	2011-027767			11 May 2012	1443612	11 May 2032
KR	Registered Design	Grant	17 Apr 2013	17 Jun 2011	30-2011-0024961			17 Apr 2013	30-0690282	17 Apr 2028
TW	Registered Design	Grant	01 Dec 2012	02 Jun 2011	100302770			01 Dec 2012	D150721	02 Jun 2023
CN	Registered Design	Grant	28 Sep 2011	02 Mar 2011	201130032925.1			28 Sep 2011	ZL201130032925.1	02 Mar 2021

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Country	Filing Type	Current Status	Current Status Date	Filing Date	Filing Number	Publication	Publication Number	Grant Date	Grant Number	Expiry Date (Date)
EM	Community Design	Grant	02 Mar 2011	02 Mar 2011	001829037			02 Mar 2011	001829037-0001	02 Mar 2036
JP	Registered Design	Grant	06 Jul 2012	02 Mar 2011	2011-004761			06 Jul 2012	1448256	06 Jul 2032
KR	Registered Design	Grant	07 Dec 2012	02 Mar 2011	30-2011-0008445			07 Dec 2012	30-0672430	07 Dec 2027
DE	Euro-PCT Application	Grant	15 Feb 2017	02 Mar 2011	11710906.6	09 Jan 2013	2542825	15 Feb 2017	2542825	02 Mar 2031
CN	Registered Design	Grant	16 Nov 2011	02 Mar 2011	201130032927.0			16 Nov 2011	ZL201130032927.0	02 Mar 2021
EM	Community Design	Grant	02 Mar 2011	02 Mar 2011	001829078			02 Mar 2011	001829078-0001	02 Mar 2036
JP	Registered Design	Grant	06 Jul 2012	02 Mar 2011	2011-004762			06 Jul 2012	1448257	06 Jul 2032
KR	Registered Design	Grant	09 Jul 2013	02 Mar 2011	30-2011-0008446			09 Jul 2013	30-0672430-01	07 Dec 2027
TW	Registered Design	Grant	11 Mar 2013	02 Mar 2011	100300961U01			11 Mar 2013	D152382	02 Mar 2023
CN	PCT Application	Grant	26 Sep 2017	09 Nov 2012	201280062008.X	20 Aug 2014	CN103999553A	26 Sep 2017	ZL201280062008.X	09 Nov 2032
CN	PCT Application	Grant	16 Mar 2016	02 Mar 2011	2011800322606.X	23 Jan 2013	CN102893072A	16 Mar 2016	ZL2011800322606.X	02 Mar 2031
AU	Registered Design	Grant	08 Aug 2011	13 Jul 2011	13109/2011			08 Aug 2011	337989	13 Jul 2021
CN	Registered Design	Grant	14 Mar 2012	28 Jul 2011	201130244361.8			14 Mar 2012	ZL201130244361.8	28 Jul 2021

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Country	Filing Type	Current Status	Current Status Date	Filing Date	Filing Number	Publication	Publication Number	Grant Date	Grant Number	Expiry Date (Date)
EM	Community Design	Grant	22 Jul 2011	22 Jul 2011	1286892			22 Jul 2011	1286892-0002	22 Jul 2036
JP	Registered Design	Grant	18 Jan 2013	12 Aug 2011	2011-018570			18 Jan 2013	1462196	18 Jan 2023
KR	Registered Design	Grant	12 Nov 2013	09 Sep 2011	30-2011-0038114			12 Nov 2013	30-0716826	12 Nov 2028
TW	Registered Design	Grant	01 Jun 2012	08 Sep 2011	100304723			01 Jun 2012	D147458	08 Sep 2023
AU	Registered Design	Grant	25 Aug 2011	13 Jul 2011	13110/2011			25 Aug 2011	338244	13 Jul 2021
CN	Registered Design	Grant	11 Apr 2012	28 Jul 2011	201130244345.9			11 Apr 2012	ZL201130244345.9	28 Jul 2021
EM	Community Design	Grant	22 Jul 2011	22 Jul 2011	1286892			22 Jul 2011	1286892-0001	22 Jul 2036
JP	Registered Design	Grant	18 Jan 2013	12 Aug 2011	2011-018571			18 Jan 2013	1462608	18 Jan 2033
KR	Registered Design	Grant	17 Jan 2014	09 Sep 2011	30-2011-0038115			17 Jan 2014	30-0716826-00-02	17 Jan 2029
TW	Registered Design	Grant	01 Jun 2012	08 Sep 2011	100304724			01 Jun 2012	D-147459	08 Sep 2023
AU	Registered Design	Grant	08 Aug 2011	13 Jul 2011	13111/2011			08 Aug 2011	337990	13 Jul 2021
CN	Registered Design	Grant	04 Apr 2012	28 Jul 2011	201130244343.X			04 Apr 2012	ZL201130244343.X	28 Jul 2021
EM	Community Design	Grant	22 Jul 2011	22 Jul 2011	1286892			22 Jul 2011	1286892-0003	22 Jul 2036

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Country	Filing Type	Current Status	Current Status Date	Filing Date	Filing Number	Publication	Publication Number	Grant Date	Grant Number	Expiry Date (Date)
JP	Registered Design	Grant	18 Jan 2013	12 Aug 2011	2011-018572			18 Jan 2013	1462197	18 Jan 2033
KR	Registered Design	Grant	12 Nov 2013	09 Sep 2011	30-2011-0038116			12 Nov 2013	30-0716826-00-01	12 Nov 2038
TW	Registered Design	Grant	01 Jun 2012	08 Sep 2011	100304725			01 Jun 2012	D147460	08 Sep 2023
CN	PCT Application	Grant	17 May 2017	04 Jun 2012	201280033537.7	19 Mar 2014	CN103649633	17 May 2017	ZL2012800335377	04 Jun 2032
DE	Euro-PCT Application	Grant	26 Jul 2017	04 Jun 2012	12807089.3	14 May 2014	2729731	26 Jul 2017	2729731	04 Jun 2032
CN	PCT Application	Grant	15 Feb 2017	30 Mar 2012	201280026327.5	05 Feb 2014	CN103563485	15 Feb 2017	ZL201280026327.5	30 Mar 2032
JP	PCT Application	Grant	27 May 2016	30 Mar 2012	2014-502839	22 May 2014	2014-512655	27 May 2016	5941134	30 Mar 2032
CN	PCT Application	Grant	24 Aug 2016	21 Dec 2012	201280069605.5			24 Aug 2016	ZL201280069605.5	21 Dec 2032
CN	PCT Application	Grant	13 Jan 2016	10 Sep 2012	201280052473.5			13 Jan 2016	ZL201280052473.5	10 Sep 2032
DE	European Application	Grant	06 Sep 2017	20 Jul 2012	12743018.9	28 May 2014	2734781	06 Sep 2017	2734781	20 Jul 2032
DE	Euro-PCT Application	Grant	01 Mar 2017	20 Jun 2012	12742974.4	30 Apr 2014	2724078	01 Mar 2017	2724078	20 Jun 2032
DE	Euro-PCT Application	Grant	23 Aug 2017	17 Jul 2012	12743003.1			23 Aug 2017	2734774	17 Jul 2032
AU	Registered Design	Grant	16 Feb 2012	24 Jan 2012	340981			16 Feb 2012	340981	24 Jan 2022

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Country	Filing Type	Current Status	Current Status Date	Filing Date	Filing Number	Publication	Publication Number	Grant Date	Grant Number	Expiry Date (Date)
CN	Registered Design	Grant	08 Aug 2012	20 Jan 2012	201230017016.5			08 Aug 2012	ZL201230017016.5	20 Jan 2022
EM	Community Design	Grant	20 Jan 2012	20 Jan 2012	001310965			20 Jan 2012	001310965-0001	20 Jan 2037
JP	Registered Design	Grant	18 Apr 2014	26 Apr 2012	2012-009922			18 Apr 2014	1498006	18 Apr 2034
CN	Registered Design	Grant	19 Jun 2013	20 Apr 2012	201230122074.4			19 Jun 2013	ZL201230122074.4	20 Apr 2022
CN	Registered Design Divisional	Grant	27 Nov 2013	26 Apr 2013	201330142069.4			27 Nov 2013	ZL201330142069.4	20 Apr 2022
EM	Community Design	Grant	15 Mar 2012	15 Mar 2012	002009340			15 Mar 2012	002009340-0001	15 Mar 2037
EM	Community Design	Grant	15 Mar 2012	15 Mar 2012	001318257-0001			15 Mar 2012	001318257-0001	15 Mar 2037
AU	Registered Design	Grant	29 Mar 2012	01 Mar 2012	10996/2012			29 Mar 2012	341673	01 Mar 2022
AU	Registered Design	Grant	29 Mar 2012	01 Mar 2012	11001/2012			29 Mar 2012	341678	01 Mar 2022
AU	Registered Design	Grant	04 Apr 2012	01 Mar 2012	11089/2012			04 Apr 2012	341754	01 Mar 2022
CN	Registered Design	Grant	28 Nov 2012	01 Mar 2012	2012300439379			28 Nov 2012	ZL201230043937.9	01 Mar 2022
EM	Community Design	Grant	01 Mar 2012	01 Mar 2012	002000687			01 Mar 2012	002000687-0001	01 Mar 2037
HK	Registered Design	Grant	01 Mar 2012	01 Mar 2012	1200342.8M			01 Mar 2012	1200342.8M001	01 Mar 2037

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Country	Filing Type	Current Status	Current Status Date	Filing Date	Filing Number	Publication	Publication Number	Grant Date	Grant Number	Expiry Date (Date)
DE	Euro-PCT Application	Grant	31 May 2017	21 Nov 2012	12799400.2	08 Oct 2014	2786063	31 May 2017	2786063	21 Nov 2022
AU	Registered Design	Grant	27 Jun 2012	24 May 2012	12513/2012			27 Jun 2012	343104	24 May 2022
CN	Registered Design	Grant	14 Nov 2012	30 May 2012	201230207449.7			14 Nov 2012	ZL201230207449.7	30 May 2022
EM	Community Design	Grant	19 Jun 2012	29 May 2012	002048785			19 Jun 2012	002048785-0001	29 May 2037
CN	PCT Application	Grant	29 Aug 2017	19 Jul 2012	201280044036.9	02 Jul 2014	CN103907401A	29 Aug 2017	ZL201280044036.9	19 Jul 2032
AU	PCT Application	Grant	30 May 2007	26 Jun 2002	2002315471			30 May 2007	2002315471	26 Jun 2022
CA	PCT Application	Grant	11 Oct 2011	26 Jun 2002	2,451,234			11 Oct 2011	2,451,234	26 Jun 2022
CN	PCT Application	Grant	01 Oct 2008	26 Jun 2002	02812999.7			01 Oct 2008	ZL02812999.7	26 Jun 2022
DE	Euro-PCT Application	Grant	25 Jun 2008	26 Jun 2002	02742327.6			25 Jun 2008	1407088	26 Jun 2022
ES	Euro-PCT Application	Grant	25 Jun 2008	26 Jun 2002	02742327.6			25 Jun 2008	1407088	26 Jun 2022
FR	Euro-PCT Application	Grant	25 Jun 2008	26 Jun 2002	02742327.6			25 Jun 2008	1407088	26 Jun 2022
GB	Euro-PCT Application	Grant	25 Jun 2008	26 Jun 2002	02742327.6			25 Jun 2008	1407088	26 Jun 2022
IT	Euro-PCT Application	Grant	25 Jun 2008	26 Jun 2002	02742327.6			25 Jun 2008	1407088	26 Jun 2022

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Country	Filing Type	Current Status	Current Status Date	Filing Date	Filing Number	Publication	Publication Number	Grant Date	Grant Number	Expiry Date (Date)
NZ	PCT Application	Grant	14 Dec 2006	26 Jun 2002	530592			14 Dec 2006	530592	26 Jun 2022
AU	PCT Application	Grant	05 Nov 2009	04 Oct 2004	2004277627			05 Nov 2009	2004277627	04 Oct 2024
AU	PCT Application Divisional	Grant	08 Sep 2011	04 Oct 2004	2009225377			08 Sep 2011	2009225377	04 Oct 2024
CA	PCT Application	Grant	16 Apr 2013	04 Oct 2004	2,541,342	14 Apr 2005	2,541,342	16 Apr 2013	2,541,342	04 Oct 2024
CA	PCT Application Divisional	Grant	19 May 2015	04 Oct 2004	2,805,179			19 May 2015	2,805,179	04 Oct 2024
DE	Euro-PCT Application	Grant	20 Jan 2016	04 Oct 2004	04794045.7			20 Jan 2016	1678441	04 Oct 2024
DE	Euro-PCT Application Divisional	Grant	01 Feb 2017	28 Jan 2013	13152952.1	01 May 2013	EP 2 587 130 A2	01 Feb 2017	2587130	04 Oct 2024
DE	Euro-PCT Application Divisional	Grant	25 Jul 2018	28 Jan 2013	13152953.9	01 May 2013	EP 2 587 131 A2	25 Jul 2018	2587131	04 Oct 2024
NZ	PCT Application	Grant	10 Oct 2009	04 Oct 2004	546577			10 Oct 2009	546577	04 Oct 2024
NZ	PCT Application Divisional	Grant	09 Jan 2012	04 Oct 2004	577935			09 Jan 2012	577935	04 Oct 2024
EM	Community Design	Grant	03 Nov 2004	03 Nov 2004	000247432			03 Nov 2004	000247432-0001	03 Nov 2029
NZ	Registered Design	Grant	07 Apr 2005	04 Nov 2004	405470			07 Apr 2005	405470	07 May 2019
EM	Community Design	Grant	03 Nov 2004	03 Nov 2004	000247432			03 Nov 2004	000247432-0002	03 Nov 2029

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Country	Filing Type	Current Status	Current Status Date	Filing Date	Filing Number	Publication	Publication Number	Grant Date	Grant Number	Expiry Date (Date)
NZ	Registered Design	Grant	06 Oct 2005	04 Nov 2004	405471			06 Oct 2005	405471	07 May 2019
EM	Community Design	Grant	03 Nov 2004	03 Nov 2004	000247432			03 Nov 2004	000247432-0003	03 Nov 2029
NZ	Registered Design	Grant	07 Apr 2005	04 Nov 2004	405472			07 Apr 2005	405472	07 May 2019
EM	Community Design	Grant	03 Nov 2004	03 Nov 2004	000247432			03 Nov 2004	000247432-0004	03 Nov 2029
NZ	Registered Design	Grant	07 Apr 2005	04 Nov 2004	405473			07 Apr 2005	405473	07 May 2019
EM	Community Design	Grant	03 Nov 2004	03 Nov 2004	000247424			03 Nov 2004	000247424	03 Nov 2029
NZ	Registered Design	Grant	07 Apr 2005	04 Nov 2004	405474			07 Apr 2005	405474	12 May 2019
EM	Community Design	Grant	03 Nov 2004	03 Nov 2004	000247432			03 Nov 2004	000247432-0005	03 Nov 2029
NZ	Registered Design	Grant	06 Oct 2005	04 Nov 2004	405475			06 Oct 2005	405475	07 May 2019
AU	National Patent	Grant	02 May 2013	11 Oct 2006	2006228021	12 May 2008	2006228021	02 May 2013	2006228021	11 Oct 2026
EM	Community Design	Grant	06 Nov 2006	06 Nov 2006	000616149			06 Nov 2006	000616149-0001	06 Nov 2031
NZ	Registered Design	Grant	13 Dec 2007	07 Nov 2006	408335			13 Dec 2007	408335	11 May 2021
CA	National Patent	Grant	29 Jul 2014	22 Sep 2006	2,560,566			29 Jul 2014	2560566	22 Sep 2026

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Country	Filing Type	Current Status	Current Status Date	Filing Date	Filing Number	Publication	Publication Number	Grant Date	Grant Number	Expiry Date (Date)
CA	National Patent	Grant	12 Nov 2013	22 Sep 2006	2,560,627			12 Nov 2013	2,560,627	22 Sep 2027
AU	National Patent	Grant	27 Aug 2009	21 Feb 2007	2007200769			27 Aug 2009	2007200769	21 Feb 2027
CA	National Patent	Grant	22 Nov 2011	24 Sep 2007	2,604,129			22 Nov 2011	2,604,129	24 Sep 2027
DE	European Application	Grant	11 Apr 2012	21 Sep 2007	07018611.9			11 Apr 2012	1 908 896	21 Sep 2027
ES	European Application	Grant	11 Apr 2012	21 Sep 2007	1 908 896			11 Apr 2012	1 908 896	21 Sep 2027
FR	European Application	Grant	11 Apr 2012	21 Sep 2007	07018611.9			11 Apr 2012	1 908 896	21 Sep 2027
GB	European Application	Grant	11 Apr 2012	21 Sep 2007	07018611.9			11 Apr 2012	1 908 896	21 Sep 2027
IT	European Application	Grant	11 Apr 2012	21 Sep 2007	07018611.9			11 Apr 2012	1 908 896	21 Sep 2027
NL	European Application	Grant	11 Apr 2012	21 Sep 2007	07018611.9			11 Apr 2012	1 908 896	21 Sep 2027
NZ	National Patent	Grant	14 May 2009	25 Sep 2007	561901			14 May 2009	561901	25 Sep 2027
CA	National Patent	Grant	17 Jun 2014	18 Sep 2007	2,602,780			17 Jun 2014	2,602,780	18 Sep 2027
DE	European Application	Grant	16 Jun 2010	18 Sep 2007	602007007166.6			16 Jun 2010	1906078	18 Sep 2027
FR	European Application	Grant	16 Jun 2010	18 Sep 2007	07018276.1			16 Jun 2010	1906078	18 Sep 2027

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Country	Filing Type	Current Status	Current Status Date	Filing Date	Filing Number	Publication	Publication Number	Grant Date	Grant Number	Expiry Date (Date)
GB	European Application	Grant	16 Jun 2010	18 Sep 2007	07018276.1			16 Jun 2010	1906078	18 Sep 2027
IT	European Application	Grant	16 Jun 2010	18 Sep 2007	27248BE/2010			16 Jun 2010	1906078	18 Sep 2027
AU	National Patent	Grant	24 Oct 2013	28 Sep 2007	2007221763			24 Oct 2013	2007221763	28 Sep 2027
CA	National Patent	Grant	20 Nov 2012	26 Sep 2007	2,604,364			20 Nov 2012	2,604,364	26 Sep 2027
DE	European Application	Grant	03 Mar 2010	27 Sep 2007	07019054.1			03 Mar 2010	1906084	27 Sep 2027
FR	European Application	Grant	03 Mar 2010	27 Sep 2007	07019054.1			03 Mar 2010	1906084	27 Sep 2027
GB	European Application	Grant	03 Mar 2010	27 Sep 2007	07019054.1			03 Mar 2010	1906084	27 Sep 2027
IT	European Application	Grant	03 Mar 2010	27 Sep 2007	07019054.1			03 Mar 2010	1906084	27 Sep 2027
MX	National Patent	Grant	01 Aug 2011	28 Sep 2007	MX/A/012059			01 Aug 2011	288880	28 Sep 2027
NZ	National Patent	Grant	11 Jun 2009	28 Sep 2007	562070			11 Jun 2009	562070	28 Sep 2027
AU	National Patent	Grant	24 Apr 2014	28 Sep 2007	2007221761			24 Apr 2014	2007221761	28 Sep 2027
AU	National Patent Divisional	Grant	25 Sep 2014	28 Sep 2007	2013205463			25 Sep 2014	2013205463	28 Sep 2027
CA	National Patent	Grant	15 Nov 2011	27 Sep 2007	2,604,564			15 Nov 2011	2,604,564	27 Sep 2027

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Country	Filing Type	Current Status	Current Status Date	Filing Date	Filing Number	Publication	Publication Number	Grant Date	Grant Number	Expiry Date (Date)
DE	European Application	Grant	22 Jun 2011	27 Sep 2007	07019055.8			22 Jun 2011	1906081	27 Sep 2027
DE	European Divisional	Grant	06 Jan 2016	27 Sep 2007	10161021.0			06 Jan 2016	22111086	27 Sep 2027
DE	European Divisional	Grant	12 Mar 2014	27 Sep 2007	10161018.6			12 Mar 2014	2206947	27 Sep 2027
ES	European Application	Grant	22 Jun 2011	27 Sep 2007	07019055.8			22 Jun 2011	1906081	27 Sep 2027
ES	European Divisional	Grant	12 Mar 2014	27 Sep 2007	10161018.6			12 Mar 2014	2206947	27 Sep 2027
FR	European Application	Grant	22 Jun 2011	27 Sep 2007	07019055.8			22 Jun 2011	1906081	27 Sep 2027
FR	European Divisional	Grant	12 Mar 2014	27 Sep 2007	10161018.6			12 Mar 2014	2206947	27 Sep 2027
GB	European Application	Grant	22 Jun 2011	27 Sep 2007	07019055.8			22 Jun 2011	1906081	27 Sep 2027
GB	European Divisional	Grant	12 Mar 2014	27 Sep 2007	10161018.6			12 Mar 2014	2206947	27 Sep 2027
IT	European Application	Grant	22 Jun 2011	27 Sep 2007	07019055.8			22 Jun 2011	1906081	27 Sep 2027
IT	European Divisional	Grant	12 Mar 2014	27 Sep 2007	10161018.6			12 Mar 2014	2206947	27 Sep 2027
MX	National Patent	Grant	09 Aug 2010	08 Sep 2007	MX/A/07/012068			09 Aug 2010	277954	08 Sep 2027
NL	European Application	Grant	22 Jun 2011	27 Sep 2007	07019055.8			22 Jun 2011	1906081	27 Sep 2027

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Country	Filing Type	Current Status	Current Status Date	Filing Date	Filing Number	Publication	Publication Number	Grant Date	Grant Number	Expiry Date (Date)
NL	European Divisional	Grant	12 Mar 2014	27 Sep 2007	10161018.6			12 Mar 2014	2206947	27 Sep 2027
NZ	National Patent	Grant	11 Jun 2009	28 Sep 2007	562069			11 Jun 2009	562069	28 Sep 2027
CA	Registered Design	Grant	24 Jul 2009	26 Mar 2007	120074			24 Jul 2009	120074	24 Jul 2019
EM	Community Design	Grant	23 Mar 2007	23 Mar 2007	000693924			23 Mar 2007	000693924-0001	23 Mar 2032
MX	Registered Design	Grant	07 Jan 2008	28 Mar 2007	2007/000666			07 Jan 2008	24876	28 Mar 2022
NZ	Registered Design	Grant	02 Aug 2007	28 Mar 2007	408890			02 Aug 2007	408890	29 Sep 2021
CA	Registered Design	Grant	24 Jul 2009	26 Mar 2007	120075			24 Jul 2009	120075	24 Jul 2019
MX	Registered Design	Grant	15 May 2008	28 Mar 2007	2007/000665			15 May 2008	25801	28 Mar 2022
NZ	Registered Design	Grant	02 Aug 2007	28 Mar 2007	408891			02 Aug 2007	408891	29 Sep 2021
CA	National Patent	Grant	27 Jan 2015	18 Sep 2007	2,602,694			27 Jan 2015	2,602,694	18 Sep 2027
EM	Community Design	Grant	14 Aug 2007	14 Aug 2007	000773866			14 Aug 2007	000773866	14 Aug 2032
MX	Registered Design	Grant	19 Aug 2008	17 Aug 2007	MX/F/2007/00171			19 Aug 2008	26620	17 Aug 2022
NZ	Registered Design	Grant	06 Mar 2008	16 Aug 2007	409,544			06 Mar 2008	409,544	21 Feb 2022

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Country	Filing Type	Current Status	Current Status Date	Filing Date	Filing Number	Publication	Publication Number	Grant Date	Grant Number	Expiry Date (Date)
AU	PCT Application	Grant	20 Mar 2014	25 Mar 2008	2008236822			20 Mar 2014	2008236822	25 Mar 2028
CA	PCT Application	Grant	09 Jul 2013	25 Mar 2008	2,682,345			09 Jul 2013	2,682,345	25 Mar 2028
CN	PCT Application	Grant	26 Oct 2011	25 Mar 2008	200880017067.9			26 Oct 2011	ZL200880017067.9	25 Mar 2028
DE	Euro-PCT Application	Grant	07 Sep 2016	25 Mar 2008	08742418.0			07 Sep 2016	2132479	25 Mar 2028
HK	Foreign Patent Registration	Grant	17 Aug 2012	25 Mar 2008	10105241.4	09 Oct 2010	10105241.4	17 Aug 2012	HK1139449	25 Mar 2028
JP	PCT Application	Grant	08 Apr 2016	25 Mar 2008	2010-502112			08 Apr 2016	5909608	25 Mar 2028
KR	PCT Application	Grant	17 Aug 2015	25 Mar 2008	10-2009-7022450			17 Aug 2015	10-1546501	25 Mar 2028
MX	PCT Application	Grant	14 Jan 2011	25 Mar 2008	2009/010512			14 Jan 2011	282884	25 Mar 2028
NZ	PCT Application	Grant	11 Dec 2012	25 Mar 2008	579914	31 Aug 2012	579914	11 Dec 2012	579914	25 Mar 2028
RU	PCT Application	Grant	20 Sep 2012	25 Mar 2008	2009140312			20 Sep 2012	2461771	25 Mar 2028
EM	Community Design	Grant	05 Nov 2007	05 Nov 2007	000819743			05 Nov 2007	000819743-0001	05 Nov 2032
AU	National Patent	Grant	24 Dec 2013	07 Mar 2008	2008201098			24 Dec 2013	2008201098	07 Mar 2028
BE	European Application	Grant	06 Mar 2013	13 Mar 2008	08004710.3			06 Mar 2013	1988576	13 Mar 2028

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Country	Filing Type	Current Status	Current Status Date	Filing Date	Filing Number	Publication	Publication Number	Grant Date	Grant Number	Expiry Date (Date)
CA	National Patent	Grant	21 Jul 2015	22 Feb 2008	2,622,524			21 Jul 2015	2,622,524	22 Feb 2028
CN	PCT Application	Grant	26 Nov 2014	02 May 2008	200880014626.0	27 May 2010	CN101675292A	26 Nov 2014	ZL200880014626.0	02 May 2028
DE	European Application	Grant	06 Mar 2013	13 Mar 2008	08004710.3			06 Mar 2013	1988576	13 Mar 2028
DE	European Divisional	Grant	04 Nov 2015	13 Mar 2008	12 186 829.3	09 Jan 2013	EP 2 543 924 A2	04 Nov 2015	2543924	13 Mar 2028
ES	European Application	Grant	06 Mar 2013	13 Mar 2008	08004710.3			06 Mar 2013	1988576	13 Mar 2028
FR	European Application	Grant	06 Mar 2013	13 Mar 2008	08004710.3			06 Mar 2013	1988576	13 Mar 2028
GB	European Application	Grant	06 Mar 2013	13 Mar 2008	08004710.3			06 Mar 2013	1988576	13 Mar 2028
IT	European Application	Grant	06 Mar 2013	13 Mar 2008	08004710.3			06 Mar 2013	1988576	13 Mar 2028
MX	National Patent	Grant	27 Sep 2010	12 Mar 2008	MX/A/08/003491			27 Sep 2010	279394	12 Mar 2028
NL	European Application	Grant	06 Mar 2013	13 Mar 2008	08004710.3			06 Mar 2013	1988576	13 Mar 2028
NZ	National Patent	Grant	12 Nov 2009	26 Feb 2008	566233			12 Nov 2009	566233	26 Feb 2028
AU	PCT Application	Grant	12 Jun 2014	30 Apr 2008	2008248099			12 Jun 2014	2008248099	30 Apr 2028
CA	PCT Application	Grant	04 Mar 2014	30 Apr 2008	2,685,915			04 Mar 2014	2,685,915	30 Apr 2028

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Country	Filing Type	Current Status	Current Status Date	Filing Date	Filing Number	Publication	Publication Number	Grant Date	Grant Number	Expiry Date (Date)
CN	PCT Application	Grant	22 May 2013	30 Apr 2008	200880014732.9	31 May 2010	CN101688654A	22 May 2013	ZL200880014732.9	30 Apr 2028
HK	Foreign Patent Registration	Grant	21 Feb 2014	30 Apr 2008	10105689.3	24 Sep 2010	HK1139724	21 Feb 2014	HK1139724	30 Apr 2028
JP	PCT Application	Grant	11 Oct 2013	30 Apr 2008	2010-507420	29 Jul 2010	2010-526421	11 Oct 2013	5384477	30 Apr 2028
KR	PCT Application	Grant	19 Jul 2015	30 Apr 2008	10-2009-7024225			19 Jul 2015	10-1531643	30 Apr 2028
MX	PCT Application	Grant	15 Sep 2011	30 Apr 2008	MX/2009/011804			15 Sep 2011	290204	30 Apr 2028
NZ	PCT Application	Grant	11 Dec 2012	30 Apr 2008	580921			11 Dec 2012	580921	30 Apr 2028
RU	PCT Application	Grant	27 Apr 2013	30 Apr 2008	2009144976	10 Jun 2011	2009144976	27 Apr 2013	2480669	30 Apr 2028
CA	Registered Design	Grant	20 May 2009	05 Nov 2007	123326			20 May 2009	123326	20 May 2019
EM	Community Design	Grant	05 Nov 2007	05 Nov 2007	000819743			05 Nov 2007	000819743-0002	05 Nov 2032
MX	Registered Design	Grant	05 Sep 2008	05 Nov 2007	MX/F/07/002416			05 Sep 2008	26714	05 Nov 2022
NZ	Registered Design	Grant	25 Sep 2008	05 Nov 2007	409984			25 Sep 2008	409984	04 May 2022
AU	PCT Application	Grant	06 Feb 2014	02 May 2008	2008248067			06 Feb 2014	2008248067	02 May 2028
CA	PCT Application	Grant	23 Apr 2013	02 May 2008	2,685,918	13 Nov 2008	2,685,918	23 Apr 2013	2,685,918	02 May 2028

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Country	Filing Type	Current Status	Current Status Date	Filing Date	Filing Number	Publication	Publication Number	Grant Date	Grant Number	Expiry Date (Date)
CN	PCT Application	Grant	01 Feb 2012	02 May 2008	200880014714.0	24 Mar 2010	CN101680627A	01 Feb 2012	ZL200880014714.0	02 May 2028
DE	Euro-PCT Application	Grant	06 Aug 2014	02 May 2008	08767632.6			06 Aug 2014	2142848	02 May 2028
FR	Euro-PCT Application	Grant	06 Aug 2014	02 May 2008	08767632.6			06 Aug 2014	2142848	02 May 2028
GB	Euro-PCT Application	Grant	06 Aug 2014	02 May 2008	08767632.6			06 Aug 2014	2142848	02 May 2028
HK	Foreign Patent Registration	Grant	16 Nov 2012	28 May 2010	10105250.2	19 Jul 2010	HK1139450	16 Nov 2012	HK1139450	02 May 2028
IT	Euro-PCT Application	Grant	06 Aug 2014	02 May 2008	08767632.6			06 Aug 2014	2142848	02 May 2028
JP	PCT Application	Grant	11 Oct 2013	02 May 2008	2010-507443	29 Jul 2010	2010-526422	11 Oct 2013	5384478	02 May 2028
KR	PCT Application	Grant	06 Nov 2014	02 May 2008	10-2009-7023926			06 Nov 2014	10-1461039	02 May 2028
MX	PCT Application	Grant	29 Nov 2010	02 May 2008	MX/2009/011664			29 Nov 2010	281496	02 May 2028
NL	Euro-PCT Application	Grant	06 Aug 2014	02 May 2008	08767632.6			06 Aug 2014	2142848	02 May 2028
NZ	PCT Application	Grant	04 Jan 2013	02 May 2008	581013	28 Sep 2012	581013	04 Jan 2013	581013	02 May 2028
RU	PCT Application	Grant	20 Jan 2013	02 May 2008	2009144995	10 Jun 2011	2009144995	20 Jan 2013	2473006	02 May 2028
AU	PCT Application	Grant	24 Dec 2013	02 May 2008	2008251917			24 Dec 2013	2008251917	02 May 2028

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Country	Filing Type	Current Status	Current Status Date	Filing Date	Filing Number	Publication	Publication Number	Grant Date	Grant Number	Expiry Date (Date)
CA	PCT Application	Grant	27 Jan 2015	02 May 2008	2,685,323			27 Jan 2015	2,685,323	02 May 2028
DE	Euro-PCT Application	Grant	18 Jul 2012	02 May 2008	08794331.2			18 Jul 2012	2149009	02 May 2028
ES	Euro-PCT Application	Grant	18 Jul 2012	02 May 2008	08794331.2			18 Jul 2012	2149009	02 May 2028
FR	Euro-PCT Application	Grant	18 Jul 2012	02 May 2008	08794331.2			18 Jul 2012	2149009	02 May 2028
GB	Euro-PCT Application	Grant	18 Jul 2012	02 May 2008	08794331.2			18 Jul 2012	2149009	02 May 2028
IT	Euro-PCT Application	Grant	18 Jul 2012	02 May 2008	08794331.2			18 Jul 2012	2149009	02 May 2028
MX	PCT Application	Grant	04 Apr 2011	02 May 2008	MX/2009/011557			04 Apr 2011	285405	02 May 2028
NL	Euro-PCT Application	Grant	18 Jul 2012	02 May 2008	08794331.2			18 Jul 2012	2149009	02 May 2028
NZ	PCT Application	Grant	29 Jan 2013	02 May 2008	580307	26 Oct 2012	580307	29 Jan 2013	580307	02 May 2028
AU	PCT Application	Grant	15 Aug 2013	23 May 2007	2007354673			15 Aug 2013	2007354673	23 May 2027
CA	PCT Application	Grant	22 Apr 2014	23 May 2007	2,688,071			22 Apr 2014	2,688,071	23 May 2027
DE	Euro-PCT Application	Grant	07 Nov 2012	23 May 2007	07795212.5			07 Nov 2012	60 2007 026 574	23 May 2027
ES	Euro-PCT Application	Grant	07 Nov 2012	23 May 2007	07795212.5			07 Nov 2012	2147247	23 May 2027

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Country	Filing Type	Current Status	Current Status Date	Filing Date	Filing Number	Publication	Publication Number	Grant Date	Grant Number	Expiry Date (Date)
FR	Euro-PCT Application	Grant	07 Nov 2012	23 May 2007	07795212.5			07 Nov 2012	2147247	23 May 2027
GB	Euro-PCT Application	Grant	07 Nov 2012	23 May 2007	07795212.5			07 Nov 2012	2147247	23 May 2027
IT	Euro-PCT Application	Grant	07 Nov 2012	23 May 2007	07795212.5			07 Nov 2012	2147247	23 May 2027
NL	Euro-PCT Application	Grant	07 Nov 2012	23 May 2007	07795212.5			07 Nov 2012	2147247	23 May 2027
NZ	PCT Application	Grant	05 Dec 2011	23 May 2007	581128			05 Dec 2011	581128	23 May 2027
AU	PCT Application	Grant	01 May 2014	02 May 2008	2008248069			01 May 2014	2008248069	02 May 2028
CA	PCT Application	Grant	26 Jan 2016	02 May 2008	2,685,925			26 Jan 2016	2,685,925	02 May 2028
CN	PCT Application	Grant	04 Jan 2012	02 May 2008	200880014830.2			04 Jan 2012	ZL200880014830.2	02 May 2028
DE	Euro-PCT Application	Grant	06 Mar 2013	02 May 2008	08754230.4			06 Mar 2013	2149008	02 May 2028
ES	Euro-PCT Application	Grant	06 Mar 2013	02 May 2008	08754230.4			06 Mar 2013	2149008	02 May 2028
FR	Euro-PCT Application	Grant	06 Mar 2013	02 May 2008	08754230.4			06 Mar 2013	2149008	02 May 2028
GB	Euro-PCT Application	Grant	06 Mar 2013	02 May 2008	08754230.4			06 Mar 2013	2149008	02 May 2028
HK	Foreign Patent Registration	Grant	19 Oct 2012	13 Jul 2010	10106764.9	15 Oct 2010	HK1140538	19 Oct 2012	HK1140538	02 May 2028

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Country	Filing Type	Current Status	Current Status Date	Filing Date	Filing Number	Publication	Publication Number	Grant Date	Grant Number	Expiry Date (Date)
IN	PCT Application	Grant	24 Nov 2017	02 May 2008	6949/DELNP/2009	02 Jul 2010	6949/DELNP/2009	24 Nov 2017	289916	02 May 2028
IT	Euro-PCT Application	Grant	06 Mar 2013	02 May 2008	08754230.4			06 Mar 2013	2149008	02 May 2028
MX	PCT Application	Grant	13 Oct 2011	02 May 2008	MX/2009/011662			13 Oct 2011	290984	02 May 2028
NL	Euro-PCT Application	Grant	06 Mar 2013	02 May 2008	08754230.4			06 Mar 2013	2149008	02 May 2028
NZ	PCT Application	Grant	11 Dec 2012	02 May 2008	580923			11 Dec 2012	580923	02 May 2028
DE	European Application	Grant	22 Jul 2015	25 Mar 2009	09156206.6			22 Jul 2015	2233824	25 Mar 2029
DE	European Divisional	Grant	11 May 2016	11 Mar 2013	13158669.5	28 Aug 2013	EP 2 631 531 A2	11 May 2016	2631531	25 Mar 2029
AU	PCT Application	Grant	18 Dec 2014	02 May 2008	2008305750			18 Dec 2014	2008305750	02 May 2028
CA	PCT Application	Grant	27 Jan 2015	02 May 2008	2700595			27 Jan 2015	2700595	02 May 2028
DE	Euro-PCT Application	Grant	18 Jul 2012	02 May 2008	08754229.6			18 Jul 2012	2193309	02 May 2028
ES	Euro-PCT Application	Grant	18 Jul 2012	02 May 2008	08754229.6			18 Jul 2012	2193309	02 May 2028
FR	Euro-PCT Application	Grant	18 Jul 2012	02 May 2008	08754229.6			18 Jul 2012	2193309	02 May 2028
GB	Euro-PCT Application	Grant	18 Jul 2012	02 May 2008	08754229.6			18 Jul 2012	2193309	02 May 2028

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Country	Filing Type	Current Status	Current Status Date	Filing Date	Filing Number	Publication	Publication Number	Grant Date	Grant Number	Expiry Date (Date)
IT	Euro-PCT Application	Grant	18 Jul 2012	02 May 2008	08754229.6			18 Jul 2012	2193309	02 May 2028
NL	Euro-PCT Application	Grant	18 Jul 2012	02 May 2008	08754229.6			18 Jul 2012	2193309	02 May 2028
NZ	PCT Application	Grant	30 Apr 2013	02 May 2008	584270	25 Jan 2013	584270	30 Apr 2013	584270	02 May 2028
AU	PCT Application	Grant	13 Sep 2012	10 Jul 2008	2008305757			13 Sep 2012	2008305757	10 Jul 2028
AU	National Patent Divisional	Grant	25 Sep 2014	27 Sep 2007	201216597			25 Sep 2014	201216597	28 Sep 2027
DE	Euro-PCT Application	Grant	19 Oct 2016	10 Jul 2008	08780081.9			19 Oct 2016	2193516	10 Jul 2028
MX	PCT Application	Grant	13 Jun 2012	10 Jul 2008	MX/2010-002582			13 Jun 2012	300210	10 Jul 2028
NZ	PCT Application	Grant	02 Apr 2012	10 Jul 2008	583264			02 Apr 2012	583264	10 Jul 2028
CA	Registered Design	Grant	05 Feb 2009	26 Mar 2008	125305			05 Feb 2009	125305	05 Feb 2019
EM	Community Design	Grant	31 Mar 2008	31 Mar 2008	000906482			31 Mar 2008	000906482-0001	31 Mar 2033
IN	Registered Design	Grant	27 Feb 2009	06 May 2008	216202			27 Feb 2009	216202	07 Nov 2022
MX	Registered Design	Grant	24 Jun 2009	02 May 2008	F/2008/001040			24 Jun 2009	28547	02 May 2023
NZ	Registered Design	Grant	24 Jul 2008	27 Mar 2008	410610			24 Jul 2008	410610	07 Nov 2022

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Country	Filing Type	Current Status	Current Status Date	Filing Date	Filing Number	Publication	Publication Number	Grant Date	Grant Number	Expiry Date (Date)
CA	Registered Design	Grant	12 Nov 2009	26 Sep 2008	128,062			12 Nov 2009	128,062	12 Nov 2019
EM	Community Design	Grant	26 Sep 2008	26 Sep 2008	001009757			26 Sep 2008	001009757-0001	26 Sep 2023
MX	Registered Design	Grant	24 Nov 2009	26 Sep 2008	MXF2008002428			24 Nov 2009	29785	26 Sep 2023
NZ	Registered Design	Grant	08 Oct 2009	26 Sep 2008	411468			08 Oct 2009	411468	28 Mar 2023
NZ	Registered Design Divisional	Grant	08 Oct 2009	25 Sep 2009	412727			08 Oct 2009	412727	28 Mar 2023
AU	Registered Design	Grant	16 Dec 2008	03 Oct 2008	14775/2008			16 Dec 2008	323128	03 Oct 2018
CA	Registered Design	Grant	06 Jul 2009	08 Mar 2012	128133			06 Jul 2009	128133	06 Jul 2019
EM	Community Design	Grant	06 Oct 2008	06 Oct 2008	001014526			06 Oct 2008	001014526-0001	06 Oct 2033
MX	Registered Design	Grant	30 Jul 2009	03 Oct 2008	MX/2008/002526			30 Jul 2009	28882	03 Oct 2023
NZ	Registered Design	Grant	15 Oct 2009	03 Oct 2008	411479			15 Oct 2009	411479	04 Apr 2023
AU	PCT Application	Grant	04 Dec 2014	03 Apr 2009	2009232343			04 Dec 2014	2009232343	03 Apr 2029
AU	PCT Application	Grant	30 Jun 2016	03 Apr 2009	2013204876			30 Jun 2016	2013204876	03 Apr 2029
CA	PCT Application	Grant	08 Nov 2016	03 Apr 2009	2,720,313			08 Nov 2016	2,720,313	03 Apr 2029

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Country	Filing Type	Current Status	Current Status Date	Filing Date	Filing Number	Publication	Publication Number	Grant Date	Grant Number	Expiry Date (Date)
CN	PCT Application	Grant	19 Nov 2014	03 Apr 2009	200980118971.3	04 May 2011	CN102046421A	19 Nov 2014	ZL200980118971.3	03 Apr 2029
DE	Euro-PCT Application	Grant	01 Jun 2016	03 Apr 2009	09726734.8			01 Jun 2016	2265464	03 Apr 2029
KR	PCT Application	Grant	23 Nov 2016	03 Apr 2009	10-2010-7024693			23 Nov 2016	10-1680774	03 Apr 2029
MX	PCT Application	Grant	23 Mar 2012	03 Apr 2009	MX/A/10/010792			23 Mar 2012	297408	03 Apr 2029
NZ	PCT Application	Grant	30 Oct 2013	03 Apr 2009	588390	26 Jul 2013	588390	30 Oct 2013	588390	03 Apr 2029
NZ	PCT Application Divisional	Grant	30 Oct 2013	03 Apr 2009	610393	26 Jul 2013	610393	30 Oct 2013	610393	03 Apr 2029
NZ	PCT Application Divisional	Grant	30 Oct 2013	03 Apr 2009	610395	26 Jul 2013	610395	30 Oct 2013	610395	03 Apr 2029
AU	Registered Design	Grant	09 Jan 2009	17 Nov 2008	15406/2008			09 Jan 2009	323721	17 Nov 2018
AU	Registered Design	Grant	09 Jan 2009	17 Nov 2008	15407/2008			09 Jan 2009	323722	17 Nov 2018
CA	Registered Design	Grant	31 Dec 2010	14 Nov 2008	128595			31 Dec 2010	128595	31 Dec 2020
EM	Community Design	Grant	17 Nov 2008	17 Nov 2008	001039770			17 Nov 2008	001039770-0001	17 Nov 2033
MX	Registered Design	Grant	30 Jul 2009	14 Nov 2008	2008/002824			30 Jul 2009	28883	14 Nov 2023
NZ	Registered Design	Grant	18 Nov 2009	14 Nov 2008	411611			18 Nov 2009	411611	15 May 2023

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Country	Filing Type	Current Status	Current Status Date	Filing Date	Filing Number	Publication	Publication Number	Grant Date	Grant Number	Expiry Date (Date)
AU	PCT Application	Grant	05 Jun 2014	22 May 2009	2009249557			05 Jun 2014	2009249557	22 May 2029
DE	Euro-PCT Application	Grant	29 Jul 2015	22 May 2009	09751007.7			29 Jul 2015	2286142	22 May 2029
MX	PCT Application	Grant	25 May 2012	22 May 2009	MX/2010/012763			25 May 2012	299551	22 May 2029
NZ	PCT Application	Grant	01 Oct 2013	22 May 2009	589484			01 Oct 2013	589484	22 May 2029
AU	PCT Application	Grant	12 Jun 2014	22 May 2009	2009251799			12 Jun 2014	2009251799	22 May 2029
CA	PCT Application	Grant	22 Nov 2016	22 May 2009	2725829			22 Nov 2016	2725829	22 May 2029
DE	Euro-PCT Application	Grant	23 Mar 2016	22 May 2009	09755246.7			23 Mar 2016	2286141	22 May 2029
NZ	PCT Application	Grant	01 Oct 2013	22 May 2009	589714			01 Oct 2013	589714	22 May 2029
DE	Euro-PCT Application	Grant	02 Aug 2017	27 May 2009	09755255.8			02 Aug 2017	2294620	27 May 2029
NZ	PCT Application	Grant	01 Oct 2013	27 May 2009	589526			01 Oct 2013	589526	27 May 2029
AU	PCT Application	Grant	30 Oct 2014	30 Jun 2009	2009271703			30 Oct 2014	2009271703	30 Jun 2029
AU	PCT Application Divisional	Grant	27 Aug 2015	30 Jun 2009	2013205105			27 Aug 2015	2013205105	30 Jun 2029
DE	Euro-PCT Application	Grant	07 Mar 2018	30 Jun 2009	09798263.1			07 Mar 2018	2307791	30 Jun 2029

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Country	Filing Type	Current Status	Current Status Date	Filing Date	Filing Number	Publication	Publication Number	Grant Date	Grant Number	Expiry Date (Date)
NZ	PCT Application	Grant	03 Sep 2013	30 Jun 2009	590529			03 Sep 2013	590529	30 Jun 2029
AU	PCT Application	Grant	19 Feb 2015	22 May 2009	2009249556			19 Feb 2015	2009249556	22 May 2029
AU	PCT Application Divisional	Grant	28 Jan 2016	22 May 2009	2013205015			28 Jan 2016	2013205015	22 May 2029
CA	PCT Application	Grant	28 Jun 2016	22 May 2009	2,725,200			28 Jun 2016	2,725,200	22 May 2029
CN	PCT Application	Grant	05 Aug 2015	22 May 2009	200980127056.0	08 Jun 2011	CN102089575A	05 Aug 2015	ZL200980127056.0	22 May 2029
DE	Euro-PCT Application	Grant	01 Jul 2015	22 May 2009	09751006.9			01 Jul 2015	2286143	22 May 2029
MX	PCT Application	Grant	01 Jun 2012	22 May 2009	MX/2010/012801			01 Jun 2012	299797	22 May 2029
NZ	PCT Application	Grant	01 Oct 2013	22 May 2009	589485			01 Oct 2013	589485	22 May 2029
NZ	PCT Application Divisional	Grant	25 Mar 2015	22 May 2009	611131			25 Mar 2015	611131	22 May 2029
AU	PCT Application	Grant	24 May 2014	20 Jul 2009	2009277185			24 May 2014	2009277185	20 Jul 2029
CA	PCT Application	Grant	08 Nov 2016	20 Jul 2009	2731695			08 Nov 2016	2731695	20 Jul 2029
NZ	PCT Application	Grant	03 Dec 2013	20 Jul 2009	590548			03 Dec 2013	590548	20 Jul 2029
CN	PCT Application	Grant	26 Aug 2015	29 Mar 2010	201080018306.X			26 Aug 2015	ZL201080018306.X	29 Mar 2030

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Country	Filing Type	Current Status	Current Status Date	Filing Date	Filing Number	Publication	Publication Number	Grant Date	Grant Number	Expiry Date (Date)
DE	Euro-PCT Application	Grant	24 Aug 2016	29 Mar 2010	10770040.3			24 Aug 2016	2425178	29 Mar 2030
MX	PCT Application	Grant	19 Apr 2013	29 Mar 2010	MX/A/11/010155			19 Apr 2013	308842	29 Mar 2030
NZ	PCT Application	Grant	01 Jul 2014	29 Mar 2010	595165			01 Jul 2014	595165	29 Mar 2030
AU	PCT Application	Grant	30 Oct 2014	04 May 2010	2010254567			30 Oct 2014	2010254567	04 May 2030
AU	PCT Application Divisional	Grant	07 Jan 2016	04 May 2010	2013204682			07 Jan 2016	2013204682	04 May 2030
CA	PCT Application	Grant	25 Jul 2017	04 May 2010	2762335			25 Jul 2017	2762335	04 May 2030
CN	PCT Application	Grant	25 Mar 2015	04 May 2010	201080023451.7			25 Mar 2015	ZL201080023451.7	04 May 2030
MX	PCT Application	Grant	19 Apr 2013	04 May 2010	MX/A/11/012253			19 Apr 2013	308841	04 May 2030
NZ	PCT Application	Grant	29 Oct 2014	04 May 2010	596435			29 Oct 2014	596435	04 May 2030
AU	PCT Application	Grant	04 Dec 2014	26 Oct 2010	2010313751			04 Dec 2014	2010313751	26 Oct 2030
DE	Euro-PCT Application	Grant	13 Jul 2016	26 Oct 2010	10827270.9			13 Jul 2016	2494266	26 Oct 2030
JP	PCT Application	Grant	09 Oct 2015	26 Oct 2010	2012-536789			09 Oct 2015	5819839	26 Oct 2030
MX	PCT Application	Grant	19 Nov 2013	26 Oct 2010	MX/A/12/004960			19 Nov 2013	315448	26 Oct 2030

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Country	Filing Type	Current Status	Current Status Date	Filing Date	Filing Number	Publication	Publication Number	Grant Date	Grant Number	Expiry Date (Date)
NZ	PCT Application	Grant	03 Feb 2015	26 Oct 2010	599753			03 Feb 2015	599753	26 Oct 2020
AU	Registered Design	Grant	20 Oct 2010	24 Sep 2010	14129/2010			20 Oct 2010	333320	24 Sep 2020
CA	Registered Design	Grant	28 Apr 2011	22 Sep 2010	137270			28 Apr 2011	137270	28 Apr 2021
CN	Registered Design	Grant	31 Aug 2011	26 Sep 2010	201030535104.5			31 Aug 2011	ZL201030535104	26 Sep 2020
EM	Community Design	Grant	14 Sep 2010	14 Sep 2010	001754458			14 Sep 2010	001754458	14 Sep 2035
IN	Registered Design	Grant	26 Apr 2011	23 Sep 2010	231580			26 Apr 2011	231580	26 Mar 2025
KR	Registered Design	Grant	31 Jul 2012	24 Sep 2010	30-2010-0041857			31 Jul 2012	30-0654777	31 Jul 2027
MX	Registered Design	Grant	08 Aug 2011	22 Sep 2010	MX/E/10/002464			08 Aug 2011	34080	22 Sep 2025
NZ	Registered Design	Grant	23 Dec 2010	24 Sep 2010	414083			23 Dec 2010	414083	26 Mar 2025
AU	Registered Design	Grant	19 Oct 2010	22 Sep 2010	14078/2010			19 Oct 2010	333285	22 Sep 2020
CA	Registered Design	Grant	28 Apr 2011	22 Sep 2010	137271			28 Apr 2011	137271	28 Apr 2021
CN	Registered Design	Grant	05 Oct 2011	26 Sep 2010	201030535587.9			05 Oct 2011	ZL201030535587	26 Sep 2020
EM	Community Design	Grant	15 Sep 2010	15 Sep 2010	001755059			15 Sep 2010	001755059	15 Sep 2035

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Country	Filing Type	Current Status	Current Status Date	Filing Date	Filing Number	Publication	Publication Number	Grant Date	Grant Number	Expiry Date (Date)
KR	Registered Design	Grant	08 Aug 2012	24 Sep 2010	30-2010-0041858			08 Aug 2012	30-0654777-01	08 Aug 2027
MX	Registered Design	Grant	12 Aug 2011	21 Sep 2010	MX/F/2010/00245			12 Aug 2011	34139	21 Sep 2025
NZ	Registered Design	Grant	23 Dec 2010	24 Sep 2010	414090			23 Dec 2010	414090	26 Mar 2025
AU	Registered Design	Grant	28 Oct 2010	06 Oct 2010	14364/2010			28 Oct 2010	333448	06 Oct 2020
CA	Registered Design	Grant	17 May 2011	01 Oct 2010	137366			17 May 2011	137366	17 May 2021
CN	Registered Design	Grant	13 Jul 2011	09 Oct 2010	201030547634.1			13 Jul 2011	ZL201030547634	09 Oct 2020
EM	Community Design	Grant	29 Sep 2010	29 Sep 2010	001761222			29 Sep 2010	001761222-0001	29 Sep 2035
KR	Registered Design	Grant	09 Jan 2012	06 Oct 2010	30-2010-0043402			09 Jan 2012	30-0629023	09 Jan 2027
MX	Registered Design	Grant	08 Jul 2011	06 Oct 2010	MX/F/10/002653			08 Jul 2011	33843	06 Oct 2025
NZ	Registered Design	Grant	23 Dec 2010	06 Oct 2010	414125			23 Dec 2010	414125	09 Apr 2025
AU	PCT Application	Grant	07 Apr 2016	06 Sep 2011	2011299318			07 Apr 2016	2011299318	06 Sep 2031
CA	PCT Application	Grant	13 Feb 2018	06 Sep 2011	2,810,888	15 Mar 2012		13 Feb 2018	2,810,888	06 Sep 2031
CN	PCT Application	Grant	23 Nov 2016	06 Sep 2011	201180050817.4	14 Aug 2013	CN103249993A	23 Nov 2016	ZL201180050817.4	06 Sep 2031

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Country	Filing Type	Current Status	Current Status Date	Filing Date	Filing Number	Publication	Publication Number	Grant Date	Grant Number	Expiry Date (Date)
DE	Euro-PCT Application	Grant	29 Mar 2017	06 Sep 2011	11824014.2			29 Mar 2017	2614294	06 Sep 2031
MX	PCT Application	Grant	10 Oct 2014	06 Sep 2011	MX/a/2013/002578			10 Oct 2014	3242345	06 Sep 2031
NL	Euro-PCT Application	Grant	29 Mar 2017	06 Sep 2011	11824014.2			29 Mar 2017	2614294	06 Sep 2031
AU	PCT Application	Grant	22 Oct 2015	06 Sep 2011	20111299319			22 Oct 2015	20111299319	06 Sep 2031
CA	PCT Application	Grant	31 Jul 2018	06 Sep 2011	2.810.644			31 Jul 2018	2.810.644	06 Sep 2031
CN	PCT Application	Grant	20 Apr 2017	06 Sep 2011	201180050816.X	26 Jun 2013	CN103180174A	20 Apr 2017	ZL201180050816.X	06 Sep 2031
DE	Euro-PCT Application	Grant	23 Nov 2016	06 Sep 2011	11824015.9			23 Nov 2016	2613971	06 Sep 2031
GB	Euro-PCT Application	Grant	23 Nov 2016	06 Sep 2011	11824015.9			23 Nov 2016	2613971	06 Sep 2031
NL	Euro-PCT Application	Grant	23 Nov 2016	06 Sep 2011	11824015.9			23 Nov 2016	2613971	06 Sep 2031
AU	Registered Design	Grant	10 Nov 2011	14 Oct 2011	14677/2011			10 Nov 2011	339353	14 Oct 2021
CA	Registered Design	Grant	07 Aug 2012	12 Oct 2011	142658			07 Aug 2012	142658	07 Aug 2022
EM	Community Design	Grant	12 Oct 2011	12 Oct 2011	001930652			12 Oct 2011	001930652	12 Oct 2036
MX	Registered Design	Grant	01 Feb 2013	13 Oct 2011	MX/E/11/003323			01 Feb 2013	38050	13 Oct 2026

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Country	Filing Type	Current Status	Current Status Date	Filing Date	Filing Number	Publication	Publication Number	Grant Date	Grant Number	Expiry Date (Date)
CN	PCT Application	Grant	29 Mar 2017	03 Nov 2011	201180071558.3	26 Feb 2014	CN103608940A	29 Mar 2017	ZL201180071558.3	03 Nov 2031
DE	Euro-PCT Application	Grant	20 Dec 2017	03 Nov 2011	11864831.0			20 Dec 2017	2705547	03 Nov 2031
NL	Euro-PCT Application	Grant	20 Dec 2017	03 Nov 2011	11864831.0			20 Dec 2017	2705547	03 Nov 2031
CA	Registered Design	Grant	17 Feb 2012	26 Jul 2011	141529			17 Feb 2012	141529	17 Feb 2022
EM	Community Design	Grant	21 Jul 2011	21 Jul 2011	001894304			21 Jul 2011	001894304	21 Jul 2036
CA	Registered Design	Grant	23 Feb 2012	26 Jul 2011	141530			23 Feb 2012	141530	23 Feb 2022
EM	Community Design	Grant	21 Jul 2011	21 Jul 2011	001894320			21 Jul 2011	001894320-0001	21 Jul 2036
CA	Registered Design	Grant	12 Jul 2012	26 Jul 2011	141531			12 Jul 2012	141531	12 Jul 2022
EM	Community Design	Grant	21 Jul 2011	21 Jul 2011	001894312			21 Jul 2011	001894312	21 Jul 2036
CA	Registered Design	Grant	11 Jul 2012	26 Jul 2011	141532			11 Jul 2012	141532	11 Jul 2022
EM	Community Design	Grant	21 Jul 2011	21 Jul 2011	001894353			21 Jul 2011	001894353	21 Jul 2036
CN	PCT Application	Grant	26 Oct 2016	12 Sep 2012	201280054168.X	09 Jul 2014	CN103918352A	26 Oct 2016	ZL201280054168.X	12 Sep 2032
TW	National Patent	Grant	11 Sep 2018	29 Aug 2012	101131404	16 May 2013	201320815	11 Sep 2018	1635774	29 Aug 2032

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Country	Filing Type	Current Status	Current Status Date	Filing Date	Filing Number	Publication	Publication Number	Grant Date	Grant Number	Expiry Date (Date)
CN	PCT Application	Grant	09 Jun 2017	16 Nov 2012	201280065683.8	03 Sep 2014	CN104025716A	09 Jun 2017	ZL201280065683.8	16 Nov 2032
CN	PCT Application	Grant	08 Dec 2017	11 Dec 2012	201280067819.9	17 Dec 2014	CN104220809A	08 Dec 2017	ZL201280067819.9	11 Dec 2032
CN	Registered Design	Grant	07 Aug 2013	08 Jun 2012	201230234100.2			07 Aug 2013	ZL201230234100.2	08 Jun 2022
EM	Community Design	Grant	07 Jun 2012	07 Jun 2012	002054080			07 Jun 2012	002054080-0001	07 Jun 2037
DE	Euro-PCT Application	Grant	06 Dec 2017	10 Jan 2013	13701525.1	17 Dec 2014	2812627	06 Dec 2017	2812627	10 Jan 2033
CN	PCT Application	Grant	09 Feb 2018	17 Dec 2013	201380073345.3	04 Nov 2015	CN105027679	09 Feb 2018	ZL201380073345.3	17 Dec 2033
CN	Registered Design	Grant	17 Jul 2013	08 Jun 2012	201230234140.7			17 Jul 2013	ZL201230234140.7	08 Jun 2022
AU	Registered Design	Grant	18 Jul 2012	21 Jun 2012	12917/2012			18 Jul 2012	343392	21 Jun 2022
AU	Registered Design	Grant	18 Jul 2012	21 Jun 2012	12915/2012			18 Jul 2012	343390	21 Jun 2022
AU	Registered Design	Grant	18 Jul 2012	21 Jun 2012	12916/2012			18 Jul 2012	343391	21 Jun 2022
CA	Registered Design	Grant	01 Aug 2013	11 Jun 2012	146006			01 Aug 2013	146006	01 Aug 2023
CN	Registered Design	Grant	24 Jul 2013	21 Jun 2012	201230265635.6			24 Jul 2013	ZL201230265635.6	21 Jun 2022
EM	Community Design	Grant	14 Jun 2012	14 Jun 2012	002057604			14 Jun 2012	002057604-0001	14 Jun 2037

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Country	Filing Type	Current Status	Current Status Date	Filing Date	Filing Number	Publication	Publication Number	Grant Date	Grant Number	Expiry Date (Date)
HK	Registered Design	Grant	14 Jun 2012	14 Jun 2012	1201152.6M001			14 Jun 2012	1201152.6M001	14 Jun 2027
HK	Registered Design	Grant	14 Jun 2012	14 Jun 2012	1201152.6M002			14 Jun 2012	1201152.6M002	14 Jun 2027
HK	Registered Design	Grant	14 Jun 2012	14 Jun 2012	1201152.6M003			14 Jun 2012	1201152.6M003	14 Jun 2037
KR	Registered Design	Grant	02 Jan 2014	22 Jun 2012	30-2012-0030572			02 Jan 2014	30-0724146	02 Jan 2029
KR	Registered Design Divisional	Grant	28 Apr 2014	30 Jul 2013	30-2013-0039351			28 Apr 2014	30-0724146-01	02 Jan 2029
KR	Registered Design Divisional	Grant	28 Apr 2014	30 Jul 2013	30-2013-0039352			28 Apr 2014	30-0724146-02	02 Jan 2029
MX	Registered Design	Grant	02 Jul 2013	15 Jun 2012	MX/E/2012/001816			02 Jul 2013	39169	15 Jun 2027
NZ	Registered Design	Grant	17 Jul 2013	20 Jun 2012	416419			17 Jul 2013	416419	22 Dec 2026
NZ	Registered Design	Grant	20 Sep 2013	20 Jun 2012	417719			20 Sep 2013	417719	22 Dec 2026
NZ	Registered Design	Grant	20 Sep 2013	20 Jun 2012	417720			20 Sep 2013	417720	22 Dec 2026
SG	Registered Design	Grant	21 Jun 2012	21 Jun 2012	D2012/716/F			21 Jun 2012	D2012/716/F	21 Jun 2027
SG	Registered Design	Grant	21 Jun 2012	21 Jun 2012	D2012/717/B			21 Jun 2012	D2012/717/B	21 Jun 2027
SG	Registered Design	Grant	21 Jun 2012	21 Jun 2012	D2012/718/I			21 Jun 2012	D2012/718/I	21 Jun 2027

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Country	Filing Type	Current Status	Current Status Date	Filing Date	Filing Number	Publication	Publication Number	Grant Date	Grant Number	Expiry Date (Date)
TW	Registered Design	Grant	01 May 2014	13 Jun 2012	101303381			01 May 2014	D160355	13 Jun 2024
TW	Registered Design Divisional	Grant	21 Apr 2015	13 Jun 2012	102305450			21 Apr 2015	D167343	13 Jun 2024
TW	Registered Design Divisional	Grant	21 Apr 2015	13 Jun 2012	102305451			21 Apr 2015	D167344	13 Jun 2024
AU	Registered Design	Grant	18 Jul 2012	21 Jun 2012	12918/2012			18 Jul 2012	343393	21 Jun 2022
CA	Registered Design	Grant	24 Feb 2014	14 Jun 2012	146113			24 Feb 2014	146113	24 Feb 2024
CN	Registered Design	Grant	04 Sep 2013	21 Jun 2012	201230265624.8			04 Sep 2013	ZL201230265624.8	21 Jun 2022
EM	Community Design	Grant	11 Jun 2012	11 Jun 2012	002055442			11 Jun 2012	002055442-0001	11 Jun 2037
HK	Registered Design	Grant	14 Jun 2012	14 Jun 2012	1201153.8			14 Jun 2012	1201153.8	14 Jun 2037
KR	Registered Design	Grant	27 Jun 2014	22 Jun 2012	30-2012-0030573			27 Jun 2014	30-0750601	27 Jun 2029
MX	Registered Design	Grant	02 Jul 2013	15 Jun 2012	MX/F/2012/001815			02 Jul 2013	39168	15 Jun 2027
NZ	Registered Design	Grant	17 Jul 2013	20 Jun 2012	416418			17 Jul 2013	416418	22 Dec 2026
SG	Registered Design	Grant	21 Jun 2012	21 Jun 2012	D2012/719/E			21 Jun 2012	D2012/719/E	21 Jun 2027
TW	Registered Design	Grant	11 Mar 2014	13 Jun 2012	101303382			11 Mar 2014	D159398	13 Jun 2024

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Country	Filing Type	Current Status	Current Status Date	Filing Date	Filing Number	Publication	Publication Number	Grant Date	Grant Number	Expiry Date (Date)
AU	Registered Design	Grant	28 Jun 2012	28 May 2012	12531/2012			28 Jun 2012	343143	28 May 2022
AU	Registered Design	Grant	28 Jun 2012	28 May 2012	12532/2012			28 Jun 2012	343144	28 May 2022
CA	Registered Design	Grant	29 Jul 2013	24 May 2012				29 Jul 2013	145770	29 Jul 2023
CN	Registered Design	Grant	10 Apr 2013	28 May 2012	201230200400.9			10 Apr 2013	ZL201230200400.9	28 May 2022
EM	Community Design	Grant	18 May 2012	18 May 2012	002043703			18 May 2012	002043703-0001	18 May 2037
HK	Registered Design	Grant	28 May 2012	28 May 2012	1201033.4M001			28 May 2012	1201033.4M001	28 May 2037
HK	Registered Design	Grant	28 May 2012	28 May 2012	1201033.4M002			28 May 2012	1201033.4M002	28 May 2037
IN	Registered Design	Grant	19 Feb 2013	25 May 2012	245593			19 Feb 2013	245593	28 Nov 2026
IN	Registered Design	Grant	25 May 2012	25 May 2012	245594			25 May 2012	245594	28 Nov 2026
JP	Registered Design	Grant	01 Feb 2013	28 May 2012	2012-12496			01 Feb 2013	1463473	01 Feb 2033
JP	Registered Design	Grant	01 Feb 2013	28 May 2012	2012-12497			01 Feb 2013	1463474	01 Feb 2033
KR	Registered Design	Grant	02 Jan 2014	29 May 2012	30-2012-0026473			02 Jan 2014	30-0724131	02 Jan 2029
KR	Registered Design Divisional	Grant	11 Aug 2014	29 May 2012	30-2013-0040082			11 Aug 2014	30-0757214	11 Aug 2029

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Country	Filing Type	Current Status	Current Status Date	Filing Date	Filing Number	Publication	Publication Number	Grant Date	Grant Number	Expiry Date (Date)
MX	Registered Design	Grant	03 Jul 2013	24 May 2012	MX/E/2012/001598			03 Jul 2013	39175	24 May 2027
NZ	Registered Design	Grant	28 May 2013	25 May 2012	416300			28 May 2013	416300	28 Nov 2026
NZ	Registered Design Divisional	Grant	03 Oct 2013	25 May 2012	417632			03 Oct 2013	417632	28 Nov 2026
SG	Registered Design	Grant	24 May 2012	24 May 2012	D2012/595/D			24 May 2012	D2012/595/D	24 May 2027
SG	Registered Design	Grant	24 May 2012	24 May 2012	D2012/602/J			24 May 2012	D2012/602/J	24 May 2027
TW	Registered Design	Grant	21 Oct 2013	21 May 2012	101302888			21 Oct 2013	D156604	21 May 2024
TW	Registered Design Divisional	Grant	11 Mar 2014	21 May 2012	102303508			11 Mar 2014	D159373	21 May 2024
ZA	Registered Design	Grant	28 Jan 2013	25 May 2012	A2012/00746			28 Jan 2013	A2012/00746	28 Nov 2026
ZA	Registered Design	Grant	24 May 2013	25 May 2012	A2012/00745			24 May 2013	A2012/00745	28 Nov 2026
DE	Euro-PCT Application	Grant	01 Mar 2017	05 Apr 2013	13773001.6			01 Mar 2017	2834560	05 Apr 2033
DE	Euro-PCT Application	Grant	22 Aug 2018	31 Jan 2014	14749260.7	16 Dec 2015	2954252	22 Aug 2018	2954252	31 Jan 2034
TW	National Patent	Grant	11 May 2017	05 Feb 2014	103103805	01 Nov 2014	201441532	11 May 2017	I582338	05 Feb 2034
DE	Euro-PCT Application	Grant	02 Aug 2017	04 Apr 2013	13772520.6			02 Aug 2017	2834556	04 Apr 2033

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Country	Filing Type	Current Status	Current Status Date	Filing Date	Filing Number	Publication	Publication Number	Grant Date	Grant Number	Expiry Date (Date)
NL	Euro-PCT Application	Grant	02 Aug 2017	04 Apr 2013	13772520.6			02 Aug 2017	2834556	04 Apr 2033
CN	PCT Application	Grant	10 May 2017	09 Sep 2013	201380055649.7			10 May 2017	ZL201380055649.7	09 Sep 2033
CN	PCT Application	Grant	19 Jan 2018	01 May 2013	201380030469.3	18 Feb 2015	CN104365004A	19 Jan 2018	ZL201380030469.3	01 May 2033
DE	Euro-PCT Application	Grant	25 Sep 2018	12 Mar 2014	14723531.1	20 Jan 2016	2974544	25 Sep 2018	2974544	12 Mar 2034
CN	PCT Application	Grant	09 Nov 2016	25 Jun 2013	201380045126.4	29 Apr 2015	CN104584691	09 Nov 2016	ZL201380045126.4	25 Jun 2033
CN	Registered Design	Grant	04 Sep 2013	16 Nov 2012	201230555154.9			04 Sep 2013	ZL201230555154.9	16 Nov 2022
EM	Community Design	Grant	16 Nov 2012	16 Nov 2012	002137265			16 Nov 2012	002137265-0001	16 Nov 2037
AU	Registered Design	Grant	13 Mar 2013	07 Nov 2012	15540/2012			13 Mar 2013	347538	07 Nov 2022
BR	Registered Design	Grant	22 Mar 2016	07 Nov 2012	BR 3020120057574			22 Mar 2016	BR 3020120057574	07 Nov 2037
CA	Registered Design	Grant	30 Oct 2014	05 Nov 2012	148374			30 Oct 2014	148374	30 Oct 2024
CN	Registered Design	Grant	31 Jul 2013	07 Nov 2012	201230536428.X			31 Jul 2013	ZL201230536428.X	07 Nov 2022
EM	Community Design	Grant	06 Nov 2012	06 Nov 2012	002 130 807			06 Nov 2012	002130807-0001	06 Nov 2037
KR	Registered Design	Grant	28 Apr 2014	07 Nov 2012	30-2012-0053057			28 Apr 2014	30-0741658	28 Apr 2029

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Country	Filing Type	Current Status	Current Status Date	Filing Date	Filing Number	Publication	Publication Number	Grant Date	Grant Number	Expiry Date (Date)
MX	Registered Design	Grant	25 Nov 2013	07 Nov 2012	MX/E/2012/003489			25 Nov 2013	40402	07 Nov 2027
NZ	Registered Design	Grant	25 Feb 2014	07 Nov 2012	416974			25 Feb 2014	416974	07 May 2027
CN	PCT Application	Grant	27 Oct 2017	27 Dec 2013	201380073984X			27 Oct 2017	ZL201380073984.X	27 Dec 2033
CA	Registered Design	Grant	15 Jan 2014	12 Feb 2013	149737			15 Jan 2014	149737	15 Jan 2024
CN	Registered Design	Grant	02 Oct 2013	18 Feb 2013	201330040996.5	02 Oct 2013	CN 302595196 S	02 Oct 2013	ZL201330040996.5	18 Feb 2023
CN	Registered Design	Grant	18 Dec 2013	18 Feb 2013	201330040997.X	18 Dec 2013	CN 302689317 S	18 Dec 2013	ZL201330040997.X	18 Feb 2023
CN	PCT Application	Grant	27 Oct 2017	25 Jun 2013	201380045273.1	15 Jul 2015	104782229	27 Oct 2017	ZL201380045273.1	25 Jun 2033
CN	Registered Design	Grant	03 Jul 2013	11 Jan 2013	201330007273.5			03 Jul 2013	ZL201330007273.5	11 Jan 2023
EM	Community Design	Grant	10 Jan 2013	10 Jan 2013	002164574			10 Jan 2013	002164574-0001	10 Jan 2038
JP	Registered Design	Grant	16 Aug 2013	15 Jan 2013	2013-000552			16 Aug 2013	1479623	16 Aug 2033
JP	Registered Design	Grant	09 Aug 2013	15 Jan 2013	2013-000555			09 Aug 2013	1478846	09 Aug 2033
JP	Registered Design	Grant	11 Oct 2013	15 Jan 2013	556/2013			11 Oct 2013	1483900	11 Oct 2033
KR	Registered Design	Grant	23 Sep 2014	11 Jan 2013	30-2013-0001925			23 Sep 2014	30-0763565	23 Sep 2029

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Country	Filing Type	Current Status	Current Status Date	Filing Date	Filing Number	Publication	Publication Number	Grant Date	Grant Number	Expiry Date (Date)
KR	Registered Design	Grant	27 Aug 2014	11 Jan 2013	30-2013-0001926			27 Aug 2014	30-0759542	27 Aug 2029
KR	Registered Design	Grant	23 Sep 2014	11 Jan 2013	30-2013-0001927			23 Sep 2014	30-0765566	23 Sep 2029
CN	Registered Design	Grant	02 Oct 2013	18 Feb 2013	201330040988.0	02 Oct 2013	CN 302595195 S	02 Oct 2013	ZL201330040988.0	18 Feb 2023
CN	Registered Design	Grant	24 Jul 2013	28 Feb 2013	201330048245.8			24 Jul 2013	ZL201330048245.8	28 Feb 2023
EM	Community Design	Grant	28 Feb 2013	28 Feb 2013	002193433			28 Feb 2013	002193433-0001	28 Feb 2038
CN	National Patent	Grant	12 Apr 2017	30 Aug 2013	201310389462.2	26 Mar 2014	CN103672498	12 Apr 2017	ZL201310389462.2	30 Aug 2033
CN	Registered Design	Grant	14 Aug 2013	18 Mar 2013	201330069197.0			14 Aug 2013	ZL201330069197.0	18 Mar 2023
EM	Community Design	Grant	19 Feb 2013	19 Feb 2013	002187013			19 Feb 2013	002187013-0001	19 Feb 2038
HK	Registered Design	Grant	10 Oct 2014	14 Mar 2013	1300411.6M001			10 Oct 2014	1300411.6M001	14 Mar 2038
CN	Registered Design	Grant	18 Jun 2014	26 Apr 2013	201330142577.2			18 Jun 2014	ZL201330142577.2	26 Apr 2023
CN	PCT Application	Grant	03 Nov 2017	29 Oct 2013	201380064181.8			03 Nov 2017	ZL201380064181.8	29 Oct 2033
CN	Registered Design	Grant	21 Aug 2013	25 Apr 2013	2013301386072			21 Aug 2013	ZL2013301386072	25 Apr 2023
CA	Registered Design	Grant	08 Aug 2014	03 Apr 2013	150537			08 Aug 2014	150537	08 Aug 2024

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Country	Filing Type	Current Status	Current Status Date	Filing Date	Filing Number	Publication	Publication Number	Grant Date	Grant Number	Expiry Date (Date)
CN	Registered Design	Grant	06 Nov 2013	11 Apr 2013	201330107764.7			06 Nov 2013	ZL201330107764.7	11 Apr 2023
EM	Community Design	Grant	11 Apr 2013	11 Apr 2013	002218693			11 Apr 2013	002218693-0001	11 Apr 2028
IN	Registered Design	Grant	06 Feb 2014	10 Apr 2013	252989			06 Feb 2014	252989	11 Oct 2027
JP	Registered Design	Grant	01 Aug 2014	11 Apr 2013	2013-008119			01 Aug 2014	1506053	01 Aug 2034
KR	Registered Design	Grant	23 Dec 2014	11 Apr 2013	30-2013-0018954			23 Dec 2014	30-0777948	23 Dec 2029
AU	Registered Design	Grant	16 May 2013	11 Apr 2013	117/08/2013			16 May 2013	348525	11 Apr 2023
CA	Registered Design	Grant	08 May 2014	09 Apr 2013	150637			08 May 2014	150637	08 May 2024
CN	Registered Design	Grant	05 Feb 2014	12 Apr 2013	201330109235.0			05 Feb 2014	ZL201330109235.0	12 Apr 2023
EM	Community Design	Grant	04 May 2013	05 Apr 2013	002 214 833			04 May 2013	002214833-0001	05 Apr 2038
HK	Registered Design	Grant	25 Oct 2013	11 Apr 2013	1300592.9			25 Oct 2013	1300592.9	11 Apr 2038
KR	Registered Design	Grant	19 Dec 2014	10 Apr 2013	30-2013-0018362			19 Dec 2014	30-0777503	19 Dec 2029
MX	Registered Design	Grant	28 Apr 2014	10 Apr 2013	MX/E/2013/000968			28 Apr 2014	41382	10 Apr 2028
SG	Registered Design	Grant	11 Jun 2013	10 Apr 2013	D2013/487/G			11 Jun 2013	D2013/487/G	10 Apr 2028

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Country	Filing Type	Current Status	Current Status Date	Filing Date	Filing Number	Publication	Publication Number	Grant Date	Grant Number	Expiry Date (Date)
TW	Registered Design	Grant	21 Jul 2014	12 Oct 2012	102302568			21 Jul 2014	D161950	12 Oct 2024
AU	Registered Design	Grant	16 May 2013	11 Apr 2013	11707/2013			16 May 2013	348524	11 Apr 2023
CA	Registered Design	Grant	08 May 2014	09 Apr 2013	150638			08 May 2014	150638	08 May 2024
CN	Registered Design	Grant	09 Apr 2014	12 Apr 2013	201330109242.0			09 Apr 2014	ZL201330109242.0	12 Apr 2023
EM	Community Design	Grant	04 May 2013	05 Apr 2013	002 214 841			04 May 2013	002214841-0001	05 Apr 2038
HK	Registered Design	Grant	25 Oct 2013	11 Apr 2013	1300593.1			25 Oct 2013	1300593.1	11 Apr 2038
KR	Registered Design	Grant	05 Feb 2015	12 Oct 2012	30-2013-0018564			05 Feb 2015	30-0777503-00-01	05 Feb 2030
MX	Registered Design	Grant	09 May 2014	10 Apr 2013	MX/F/2013/000967			09 May 2014	41466	10 Apr 2028
SG	Registered Design	Grant	11 Jun 2013	10 Apr 2013	D2013/488/C			11 Jun 2013	D2013/488/C	10 Apr 2028
TW	Registered Design	Grant	01 Sep 2014	10 Apr 2013	102302569			01 Sep 2014	D162800	10 Apr 2025
CA	Registered Design	Grant	08 Aug 2014	18 Apr 2013	150765			08 Aug 2014	150765	08 Aug 2024
CN	Registered Design	Grant	06 Nov 2013	22 Apr 2013	201330129586.8			06 Nov 2013	ZL201330129586.8	22 Apr 2023
EM	Community Design	Grant	22 Apr 2013	22 Apr 2013	002224741			22 Apr 2013	002224741-0001	22 Apr 2038

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IN	Registered Design	Grant	15 Jan 2014	17 Apr 2013	253194			15 Jan 2014	253194	22 Oct 2027
JP	Registered Design	Grant	01 Aug 2014	17 Apr 2013	2013-008634			01 Aug 2014	1506054	01 Aug 2024
KR	Registered Design	Grant	26 Aug 2014	19 Apr 2013	30-2013-0020708			26 Aug 2014	30-0759339	26 Aug 2029
CN	PCT Application	Grant	22 Jun 2018	17 Dec 2013	20138006640.6	19 Aug 2015	104854401	22 Jun 2018	ZL20138006640.6	17 Dec 2033
DE	Euro-PCT Application	Grant	04 Jul 2018	17 Dec 2013	13814809.3	28 Oct 2015	2935987	04 Jul 2018	2935987	17 Dec 2033
GB	Euro-PCT Application	Grant	04 Jul 2018	17 Dec 2013	13814809.3	28 Oct 2015	2935987	04 Jul 2018	2935987	17 Dec 2033
JP	PCT Application	Grant	02 Nov 2017	17 Dec 2013	2015-549572	31 Mar 2016	2016-509738	02 Nov 2017	6236464	17 Dec 2033
NL	Euro-PCT Application	Grant	04 Jul 2018	17 Dec 2013	13814809.3	28 Oct 2015	2935987	04 Jul 2018	2935987	17 Dec 2033
CN	PCT Application	Grant	20 Jul 2018	17 Dec 2013	201380073247.X	14 Oct 2015	104982093	20 Jul 2018	ZL201380073247.X	17 Dec 2033
JP	PCT Application	Grant	03 Aug 2018	17 Dec 2013	2015-549574	25 Feb 2016	2016-506050	03 Aug 2018	6377075	17 Dec 2033
KR	PCT Application	Grant	26 Mar 2018	17 Dec 2013	10-2015-7019152			26 Mar 2018	10-1843907	17 Dec 2033
CN	PCT Application	Grant	20 Jul 2018	17 Dec 2013	201380073252.0	14 Oct 2015	104981655	20 Jul 2018	ZL201380073252.0	17 Dec 2033
DE	Euro-PCT Application	Grant	21 Sep 2016	17 Dec 2013	13818895.8	28 Oct 2015	2935989	21 Sep 2016	2935989	17 Dec 2033

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Country	Filing Type	Current Status	Current Status Date	Filing Date	Filing Number	Publication	Publication Number	Grant Date	Grant Number	Expiry Date (Date)
TW	National Patent	Grant	11 Dec 2016	12 Apr 2013	102113095	16 Dec 2013	201350726	11 Dec 2016	1561759	12 Apr 2033
DE	Euro-PCT Application	Grant	25 Jul 2018	13 Jan 2014	14738184.2			25 Jul 2018	2943720	13 Jan 2034
IT	Euro-PCT Application	Grant	25 Jul 2018	13 Jan 2014	14738184.2			25 Jul 2018	2943720	13 Jan 2034
DE	Euro-PCT Application	Grant	11 Apr 2018	20 Dec 2013	13865046.0			11 Apr 2018	2946141	20 Dec 2033
TW	National Patent	Grant	11 Dec 2017	20 Dec 2013	102147420			11 Dec 2017	1608190	20 Dec 2033
DE	Euro-PCT Application	Grant	17 Oct 2018	10 Mar 2014	14780304.3			17 Oct 2018	2974547	10 Mar 2034
CN	PCT Application	Grant	18 May 2018	31 Jan 2014	201480006677.4			18 May 2018	ZL201480006677.4	31 Jan 2034
CA	Registered Design	Grant	26 Sep 2014	16 Jul 2013	152128			26 Sep 2014	152128	26 Sep 2024
CN	Registered Design	Grant	21 May 2014	30 Jul 2013	201330360581.6			21 May 2014	ZL201330360581.6	30 Jul 2023
EM	Community Design	Grant	11 Jul 2013	11 Jul 2013	002272807			11 Jul 2013	002272807-0001	11 Jul 2038
MX	Registered Design	Grant	17 Oct 2014	22 Jul 2013	MX/E/2013/002110			17 Oct 2014	42710	22 Jul 2028
EM	Community Design	Grant	04 Sep 2013	04 Sep 2013	002302117			04 Sep 2013	002302117-0001	04 Sep 2038
MX	Registered Design	Grant	15 Oct 2014	26 Aug 2013	MX/E/2013/002660			15 Oct 2014	42676	26 Aug 2028

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Country	Filing Type	Current Status	Current Status Date	Filing Date	Filing Number	Publication	Publication Number	Grant Date	Grant Number	Expiry Date (Date)
CN	PCT Application	Grant	20 Jul 2018	17 Dec 2013	201380073238.0	14 Oct 2015	104981654	20 Jul 2018	ZL201380073238.0	17 Dec 2033
DE	Euro-PCT Application	Grant	01 Mar 2017	17 Dec 2013	13821552.0			01 Mar 2017	2935992	17 Dec 2033
GB	Euro-PCT Application	Grant	01 Mar 2017	17 Dec 2013	13821552.0			01 Mar 2017	2935992	17 Dec 2033
EM	Community Design	Grant	12 Sep 2013	12 Sep 2013	002308015			12 Sep 2013	002308015-0001	12 Sep 2038
DE	Euro-PCT Application	Grant	13 Dec 2017	31 Jan 2014	14745584.4			13 Dec 2017	2954552	31 Jan 2034
DE	Euro-PCT Application	Grant	29 Aug 2018	12 Mar 2014	14715184.9	17 Feb 2016	EP2984392	29 Aug 2018	2984392	12 Mar 2034
CN	PCT Application	Grant	18 May 2018	06 May 2013	201380024053.0	21 Jan 2015	CN104302973A	18 May 2018	ZL201380024053.0	06 May 2033
CN	Registered Design	Grant	29 Oct 2014	29 Nov 2013	201330586485.3			29 Oct 2014	ZL201330586485.3	29 Nov 2023
EM	Community Design	Grant	29 Nov 2013	29 Nov 2013	002354662			29 Nov 2013	002354662-0001	29 Nov 2038
MX	Registered Design	Grant	14 Aug 2015	28 Nov 2013	MX/E/2013/003634			14 Aug 2015	44794	28 Nov 2028
CN	PCT Application	Grant	25 Aug 2017	07 Nov 2013	201380066784.1			25 Aug 2017	ZL201380066784.1	07 Nov 2033
CA	Registered Design	Grant	08 Aug 2014	16 Oct 2013				08 Aug 2014	153504	08 Aug 2024
CN	Registered Design	Grant	04 Jun 2014	18 Oct 2013	201330492373.1			04 Jun 2014	ZL201330492373.1	18 Oct 2023

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Country	Filing Type	Current Status	Current Status Date	Filing Date	Filing Number	Publication	Publication Number	Grant Date	Grant Number	Expiry Date (Date)
IN	Registered Design	Grant	11 Mar 2014	15 Oct 2013	257513			11 Mar 2014	257513	18 Apr 2028
JP	Registered Design	Grant	06 Jun 2014	18 Oct 2013	24300/2013			06 Jun 2014	1502122	06 Jun 2024
KR	Registered Design	Grant	16 Jan 2015	17 Oct 2013	30-2013-0052400			16 Jan 2015	30-0767348-00-01	16 Jan 2030
CA	Registered Design	Grant	08 Aug 2014	10 Oct 2013	153473			08 Aug 2014	153473	08 Aug 2024
CN	Registered Design	Grant	21 May 2014	18 Oct 2013	201330492817.1			21 May 2014	ZL201330492817.1	18 Oct 2023
IN	Registered Design	Grant	05 Mar 2014	15 Oct 2013	257514			05 Mar 2014	257514	18 Apr 2028
JP	Registered Design	Grant	06 Jun 2014	18 Oct 2013	24299/2013			06 Jun 2014	1501915	06 Jun 2034
KR	Registered Design	Grant	16 Oct 2014	17 Oct 2013	30-2013-0052399			16 Oct 2014	30-0767348	16 Oct 2029
CN	Registered Design	Grant	14 Jan 2015	24 Mar 2014	201430061138.3			14 Jan 2015	ZL201430061138.3	24 Mar 2024
EM	Community Design	Grant	24 Mar 2014	24 Mar 2014	02431098			24 Mar 2014	002431098-0001	24 Mar 2039
JP	Registered Design	Grant	20 Mar 2015	25 Mar 2014	6251/2014			20 Mar 2015	1522181	20 Mar 2035
CN	Registered Design	Grant	10 Sep 2014	25 Feb 2014	2014300342902	10 Sep 2014	CN302938770 S	10 Sep 2014	ZL201430034290.2	25 Feb 2024
CN	PCT Application	Grant	29 Aug 2017	07 Nov 2013	201380071244.2			29 Aug 2017	ZL201380071244.2	07 Nov 2033

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Country	Filing Type	Current Status	Current Status Date	Filing Date	Filing Number	Publication	Publication Number	Grant Date	Grant Number	Expiry Date (Date)
CN	Registered Design	Grant	15 Aug 2015	30 Apr 2014	201430111538.0			15 Aug 2015	ZL201430111538.0	30 Apr 2039
EM	Community Design	Grant	24 Apr 2014	24 Apr 2014	002451930			24 Apr 2014	002451930-0001	24 Apr 2039
EM	Community Design	Grant	18 Jan 2014	18 Jan 2014	002513887			18 Jan 2014	002513887-0001	18 Jan 2039
TW	National Patent	Grant	21 Sep 2017	24 Mar 2015	104109404	16 Nov 2015	201542968	21 Sep 2017	1599740	24 Mar 2035
CN	PCT Application	Grant	05 Jan 2018	02 Jan 2015	201580012209.2	26 Oct 2016	CN106063377A	05 Jan 2018	ZL201580012209.2	02 Jan 2035
DE	Euro-PCT Application	Grant	11 Jul 2018	02 Jan 2015	15700917.6	16 Nov 2016	3092874	11 Jul 2018	3092874	02 Jan 2035
GB	Euro-PCT Application	Grant	11 Jul 2018	02 Jan 2015	15700917.6	16 Nov 2016	3092874	11 Jul 2018	3092874	02 Jan 2035
NL	Euro-PCT Application	Grant	11 Jul 2018	02 Jan 2015	15700917.6	16 Nov 2016	3092874	11 Jul 2018	3092874	02 Jan 2035
TW	National Patent	Grant	21 Apr 2017	08 Apr 2015	104111272	16 Nov 2015	201542961	21 Apr 2017	1579491	08 Apr 2035
CN	Registered Design	Grant	30 Sep 2015	17 Feb 2015	2015300486602			30 Sep 2015	ZL2015300486602	17 Feb 2025
EM	Community Design	Grant	17 Feb 2015	17 Feb 2015	002635276			17 Feb 2015	002635276-0001	17 Feb 2040
EM	Community Design	Grant	28 Nov 2014	28 Nov 2014	002587329			28 Nov 2014	002587329-0003	28 Nov 2039
EM	Community Design	Grant	22 Oct 2014	22 Oct 2014	002561860			22 Oct 2014	002561860-0001	22 Oct 2039

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Country	Filing Type	Current Status	Current Status Date	Filing Date	Filing Number	Publication	Publication Number	Grant Date	Grant Number	Expiry Date (Date)
DE	PCT Application	Grant	24 May 2018	26 May 2015	112015002545.6	02 Mar 2017		24 May 2018	112015002545	26 May 2043
CN	Registered Design	Grant	26 Aug 2015	01 Dec 2014	201430490383.6			26 Aug 2015	ZL201430490383.6	01 Dec 2041
EM	Community Design	Grant	28 Nov 2014	28 Nov 2014	002587659			28 Nov 2014	002587659-0001	28 Nov 2039
EM	Community Design	Grant	28 Nov 2014	28 Nov 2014	002587329			28 Nov 2014	002587329-0001	28 Nov 2039
CN	Registered Design	Grant	18 Nov 2015	30 Apr 2015	2015301232073	18 Nov 2015	CN303457031S	18 Nov 2015	ZL2015301232073	30 Apr 2025
EM	Community Design	Grant	21 Apr 2015	21 Apr 2015	002685206			21 Apr 2015	002685206-0001	21 Apr 2040
EM	Community Design	Grant	22 Dec 2016	22 Dec 2016	003533256			22 Dec 2016	003533256-0001	22 Dec 2041
EM	Community Design	Grant	17 Sep 2018	17 Sep 2018	005643228			17 Dec 2018	005643228-0001	17 Dec 2043
EM	Community Design	Grant	17 Sep 2018	17 Sep 2018	005643228			17 Dec 2018	005643228-0002	17 Dec 2043

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REEL: 053226 FRAME: 0454

## Foreign Pending Applications

Country	Filing Type	Current Status	Status Date	Filing Date	Filing Number	Publication Date	Publication Number
EP	Euro-PCT Application	Publication of application	02 Dec 2009	07 Mar 2008	08726584.9	02 Dec 2009	2127488
EP	Euro-PCT Application	Publication of application	09 Dec 2009	07 Mar 2008	08726525.2	09 Dec 2009	2130092
EP	Euro-PCT Application	Filing	22 Apr 2008	22 Apr 2008	08743161.5		
EP	Euro-PCT Application	Filing	05 Feb 2008	05 Feb 2008	08725195.5		
EP	Euro-PCT Application	Filing	15 Nov 2007	15 Nov 2007	07864427.5	12 Aug 2009	2087555
DE	National Patent	Filing	02 Apr 2008	02 Apr 2008	102008016788.6	23 Oct 2008	DE 102008016788
EP	European Application	Filing	17 Dec 2008	17 Dec 2008	08172007.0	24 Jun 2009	2073606
EP	European Application	Publication of application	30 Sep 2009	16 Mar 2009	09155205.9	30 Sep 2009	2106197

Country	Filing Type	Current Status	Status Date	Filing Date	Filing Number	Publication Date	Publication Number
EP	European Divisional	Local filing	02 Aug 2018	16 Mar 2009	18187121.1		
EP	European Application	Filing	11 Mar 2009	11 Mar 2009	09154919.6		
EP	Euro-PCT Application	Filing	30 May 2007	30 May 2007	07795474.1	18 Mar 2009	EP2035745 A
BR	PCT Application	Filing	30 May 2007	30 May 2007	0712439-2		
EP	Euro-PCT Application	Filing	30 May 2007	30 May 2007	07795475.8	11 Mar 2009	EP2033278
EP	Euro-PCT Application	Filing	22 Aug 2007	22 Aug 2007	07811466.7	20 May 2009	EP2060155
EP	Euro-PCT Application Divisional	Publication of application	27 Mar 2013	13 Sep 2007	12191485.7	27 Mar 2013	2573923
EP	Euro-PCT Application Divisional	Publication of application	27 Mar 2013	13 Sep 2007	12191487.3	27 Mar 2013	2573924
EP	Euro-PCT Application Divisional	Publication of application	27 Mar 2013	13 Sep 2007	12191488.1	27 Mar 2013	2573925

Country	Filing Type	Current Status	Status Date	Filing Date	Filing Number	Publication Date	Publication Number
EP	Euro-PCT Application	Filing	21 Sep 2007	21 Sep 2007	07842945.3	08 Jul 2009	EP2076712A
WO	PCT Application	Publication of application	19 Jun 2008	23 Oct 2007	PCT/US2007/082201	19 Jun 2008	WO2008/051957
EP	Euro-PCT Application Divisional	Publication of application	15 Aug 2012	07 Nov 2007	12166894.1	15 Aug 2012	EP2487996A
EP	Euro-PCT Application	Filing	29 Nov 2007	29 Nov 2007	07864896.1	09 Sep 2009	EP 2097669 A
IN	PCT Application	Filing	29 Nov 2007	29 Nov 2007	3819/CHEM/2009		
BR	PCT Application	Filing	30 Nov 2007	30 Nov 2007	PI 0721052-3		
IN	PCT Application	Filing	30 Nov 2007	30 Nov 2007	3846/CHEM/2009		
KR	PCT Application	Filing	30 Nov 2007	30 Nov 2007	10-2009-7013658		
EP	Euro-PCT Application Divisional	Publication of application	30 May 2012	08 May 2008	12156753.1	30 May 2012	2458262

Country	Filing Type	Current Status	Status Date	Filing Date	Filing Number	Publication Date	Publication Number
KR	PCT Application	Filing	08 May 2008	08 May 2008	10-2009-7025476		
EP	Euro-PCT Application	Filing	20 Dec 2006	20 Dec 2006	06845857.9	03 Sep 2008	EP1964104A
BR	PCT Application	Filing	18 Apr 2007	18 Apr 2007	0710463-4		
EP	Euro-PCT Application	Filing	18 Apr 2007	18 Apr 2007	07755653.8	31 Dec 2008	EP2008018
KR	PCT Application	Filing	18 Apr 2007	18 Apr 2007	10-2008-7028013		
BR	PCT Application	Filing	18 Apr 2007	18 Apr 2007	0711255-6		
EP	Euro-PCT Application	Filing	18 Apr 2007	18 Apr 2007	07755651.2	29 Apr 2009	2052589
BR	PCT Application	Filing	09 Oct 2008	09 Oct 2008	P10818048-2		
EP	Euro-PCT Application Divisional	Publication of application	27 Jun 2012	08 May 2008	121600004.3	27 Jun 2012	EP 2469153 A



Country	Filing Type	Current Status	Status Date	Filing Date	Filing Number	Publication Date	Publication Number
EP	Euro-PCT Application Divisional	Publication of application	27 Jun 2012	08 May 2008	12160003.5	27 Jun 2012	EP 2469152 A
EP	Euro-PCT Application	Publication of application	08 Sep 2010	21 Nov 2008	08857984.2	08 Sep 2010	EP2225914A
EP	Euro-PCT Application	Publication of application	28 Mar 2012	30 Mar 2010	10711809.3	28 Mar 2012	2433047
EP	Euro-PCT Application	Publication of application	20 Jul 2011	07 Oct 2009	09736761.9	20 Jul 2011	EP2345078A
EP	Euro-PCT Application	Publication of application	21 Mar 2012	30 Mar 2010	10725918.6	21 Mar 2012	2430355
EP	Euro-PCT Application	Publication of application	11 Jul 2012	31 Aug 2010	10757656.3	11 Jul 2012	EP 2473780A
EP	Euro-PCT Application	Publication of application	29 Aug 2012	08 Oct 2010	10771253.1	29 Aug 2012	EP2491303A
EP	Euro-PCT Application	Publication of application	01 Aug 2012	21 Sep 2010	10760848.1	01 Aug 2012	2480816
EP	Euro-PCT Application	Publication of application	04 Jul 2012	09 Sep 2010	10819235.2	04 Jul 2012	2471346

Country	Filing Type	Current Status	Status Date	Filing Date	Filing Number	Publication Date	Publication Number
IN	PCT Application	Publication of application	19 Apr 2013	29 Jun 2010	1937/CHENP/2012	19 Apr 2013	1937/CHENP/2012
EP	Euro-PCT Application	Publication of application	01 Aug 2012	10 Sep 2010	10819244.4	01 Aug 2012	2480823
EP	Euro-PCT Application	Filing	21 Sep 2010	21 Sep 2010	10822417.1		
CN	PCT Application Divisional	Publication of application	23 Dec 2015	27 May 2011	2015105959673	23 Dec 2015	CN105179969
IN	PCT Application	Publication of application	27 Jun 2014	27 May 2011	72/CHENP/2013	27 Jun 2014	72/CHENP/2013
EP	Euro-PCT Application	Publication of application	04 Jul 2012	13 Sep 2010	10819249.3	04 Jul 2012	2471347
EP	Euro-PCT Application	Filing	29 Nov 2011	29 Nov 2011	11801904.1	16 Oct 2013	2649484
EP	Euro-PCT Application	Filing	29 Jun 2011	29 Jun 2011	11748495.6	19 Jun 2013	2604091
JP	PCT Application	Filing	02 Mar 2011	02 Mar 2011	2012-556064		

Country	Filing Type	Current Status	Status Date	Filing Date	Filing Number	Publication Date	Publication Number
EP	Euro-PCT Application	Publication of application	24 Jul 2013	30 Sep 2011	11833122.2	24 Jul 2013	2627945
EP	Euro-PCT Application	Local filing	18 Nov 2013	29 Mar 2012	12714154.7	26 Feb 2014	2699843
EP	Euro-PCT Application	Filing	02 Mar 2011	02 Mar 2011	11710348.1	09 Jan 2013	2542834
CN	PCT Application	Filing	02 Mar 2011	02 Mar 2011	201180020706.9	02 Jan 2013	CN102859258A
EP	Euro-PCT Application	Filing	02 Mar 2011	02 Mar 2011	11709512.5	09 Jan 2013	2542824
EP	Euro-PCT Application	Filing	10 Mar 2011	10 Mar 2011	11759897.9		
EP	Euro-PCT Application	Filing	23 Mar 2011	23 Mar 2011	11760128.6		
EP	Euro-PCT Application	Filing	23 Mar 2011	23 Mar 2011	11760131.0		
CN	PCT Application	Filing	29 Nov 2011	29 Nov 2011	201180058877.0	21 Aug 2013	CN103261779A

Country	Filing Type	Current Status	Status Date	Filing Date	Filing Number	Publication Date	Publication Number
BR	PCT Application	Publication of application	22 Mar 2016	03 Jun 2011	1120120028650	22 Mar 2016	2359
IN	PCT Application	Publication of application	19 Oct 2012	03 Jun 2011	1044/CHENP/2012	19 Oct 2012	1044/CHENP/2012
EP	Euro-PCT Application	Local filing	19 Sep 2013	17 Feb 2012	12711482.5	15 Jan 2014	2684422
EP	Euro-PCT Application	Local filing	10 Sep 2013	22 Feb 2012	12752485.8	08 Jan 2014	2681973
CN	PCT Application Divisional	Filing	03 Oct 2011	03 Oct 2011	201711326758.4	27 Apr 2018	107969045
EP	Euro-PCT Application	Local filing	22 May 2013	03 Oct 2011	11875595.8		
EP	Euro-PCT Application	National phase	18 Dec 2013	19 Jun 2012	12805377.4	30 Apr 2014	2724128
EP	Euro-PCT Application	Filing	25 Aug 2011	25 Aug 2011	11754767.9		
DE	PCT Application	Publication of application	25 Jul 2013	02 Mar 2011	112011103188.2	25 Jul 2013	DE112011103188

Country	Filing Type	Current Status	Status Date	Filing Date	Filing Number	Publication Date	Publication Number
CN	PCT Application	Filing	02 Mar 2011	02 Mar 2011	201180022626.7	17 Jul 2013	CN103210252A
EP	Euro-PCT Application	Filing	02 Mar 2011	02 Mar 2011	11709509		
EP	Euro-PCT Application	Publication of application	04 Sep 2013	12 Oct 2011	11778731.7	04 Sep 2013	2633229
EP	Euro-PCT Application	Publication of application	17 Sep 2014	08 Nov 2012	12798486.2	17 Sep 2014	2777363
EP	Euro-PCT Application	Publication of application	09 Apr 2014	30 May 2012	12793449.5	09 Apr 2014	2715224
CN	PCT Application	Filing	02 Mar 2011	02 Mar 2011	201180022383.7	13 Mar 2013	CN102971574A
EP	Euro-PCT Application	Publication of application	26 Feb 2014	10 Apr 2012	12720716.5	26 Feb 2014	2699840
EP	Euro-PCT Application	Local filing	17 Jul 2014	20 Dec 2012	12860970.8	29 Oct 2014	2796010
EP	Euro-PCT Application	Local filing	13 Jun 2014	09 Nov 2012	12850396.8	24 Sep 2014	2781139

Country	Filing Type	Current Status	Status Date	Filing Date	Filing Number	Publication Date	Publication Number
EP	Euro-PCT Application	Publication of application	02 Jul 2014	20 Aug 2012	12769197.0	02 Jul 2014	2749126
EP	Euro-PCT Application	Publication of application	05 Mar 2014	13 Apr 2012	12717969.5	05 Mar 2014	2702442
EP	Euro-PCT Application	Publication of application	22 Jan 2014	27 Feb 2012	12716112.3	22 Jan 2014	2686717
EP	Euro-PCT Application	Publication of application	12 Feb 2014	30 Mar 2012	12720018.6	12 Feb 2014	2695487
KR	PCT Application	Filing	30 Mar 2012	30 Mar 2012	10-2013-7028574		
EP	Euro-PCT Application	Local filing	11 Jul 2014	12 Dec 2012	12858366.3	24 Sep 2014	2791973
CN	PCT Application	Local filing	24 Jul 2014	12 Dec 2012	201280067925.7	08 Oct 2014	CN104067695A
EP	Euro-PCT Application	Local filing	11 Jul 2014	12 Dec 2012	12857650.1	22 Oct 2014	2792217
EP	Euro-PCT Application	Local filing	26 Aug 2014	25 Jan 2013	13706769.0	10 Dec 2014	2810536

Country	Filing Type	Current Status	Status Date	Filing Date	Filing Number	Publication Date	Publication Number
IN	PCT Application	Publication of application	29 Aug 2010	25 Mar 2008	6251/DELNP/2009	29 Aug 2010	6251/DELNP/2009
IN	PCT Application	Publication of application	18 Jun 2010	02 May 2008	6757/DELNP/2009	18 Jun 2010	6757/DELNP/2009
IN	PCT Application	Publication of application	02 Jul 2010	30 Apr 2008	6940/DELNP/2009	02 Jul 2010	6940/DELNP/2009
IN	PCT Application	Publication of application	18 Jun 2010	02 May 2008	6908/DELNP/2009	18 Jun 2010	6908/DELNP/2009
BR	PCT Application	Filing	02 May 2008	02 May 2008	PI0811472-2		
BR	PCT Application	Filing	03 Apr 2009	03 Apr 2009	PI0910962-5		
CN	PCT Application Divisional	Filing	18 Dec 2009	18 Dec 2009	201410543316.5	14 Jan 2015	CN104279476A
IN	PCT Application	Filing	03 Apr 2009	03 Apr 2009	7013/DELNP/2010		
CN	PCT Application	Publication of application	08 Jun 2011	22 May 2009	200980127057.5	08 Jun 2011	CN102089574A

Country	Filing Type	Current Status	Status Date	Filing Date	Filing Number	Publication Date	Publication Number
IN	PCT Application	Filing	22 May 2009	22 May 2009	8400/DELNP/2010		
IN	PCT Application	Filing	27 May 2009	27 May 2009	8403/DELNP/2010		
BR	PCT Application	Filing	30 Jun 2009	30 Jun 2009	P109158006	10 Nov 2015	P109158006
CA	PCT Application	Filing	30 Jun 2009	30 Jun 2009	2730575		
IN	PCT Application	Filing	30 Jun 2009	30 Jun 2009	299/DELNP/2011		
BR	PCT Application	Filing	22 May 2009	22 May 2009	P10912997-9		
EP	Euro-PCT Application Divisional	Filing	22 May 2009	22 May 2009	15173617.0		
BR	PCT Application	Filing	20 Jul 2009	20 Jul 2009	P109164588		
BR	PCT Application	Filing	04 May 2010	04 May 2010	P110120955		



Country	Filing Type	Current Status	Status Date	Filing Date	Filing Number	Publication Date	Publication Number
EP	Euro-PCT Application	Filing	04 May 2010	04 May 2010	10780909.7		
IN	PCT Application	Filing	04 May 2010	04 May 2010	9209/DELNP/2011		
CN	PCT Application Divisional	Local filing	28 Feb 2018	26 Oct 2010	201810164246.0	13 Jul 2018	CN108278532A
HK	Foreign Patent Registration	Publication of application	14 Jun 2013	26 Oct 2010	13101951.0	14 Jun 2013	1174682A
EP	Euro-PCT Application	Local filing	20 Mar 2014	12 Sep 2012	12832595.8	25 Jun 2014	2745628
EP	Euro-PCT Application	Local filing	11 Jul 2014	11 Dec 2012	12857535.4	22 Oct 2014	2792216
EP	Euro-PCT Application	Local filing	10 Jul 2014	11 Dec 2012	12858507.2	05 Nov 2014	2798267
EP	Euro-PCT Application	Publication of application	28 Oct 2015	17 Dec 2013	13821029.9	28 Oct 2015	2936942
CN	PCT Application	Local filing	06 Nov 2014	05 Apr 2013	201380024945.0	28 Jan 2015	CN104321588A

Country	Filing Type	Current Status	Status Date	Filing Date	Filing Number	Publication Date	Publication Number
CN	PCT Application	Local filing	07 Nov 2014	07 May 2013	201380024065.3	21 Jan 2015	CN104302971A
EP	Euro-PCT Application	Local filing	27 Oct 2014	07 May 2013	13788354.2		
EP	Euro-PCT Application	Publication of application	16 Dec 2015	31 Jan 2014	14748475.2	16 Dec 2015	2954565
CN	National Patent	Filing	10 Apr 2013	10 Apr 2013	201310123657.2	04 Dec 2013	CN103423666A
EP	Euro-PCT Application	Local filing	26 Nov 2014	01 May 2013	13784215.9	11 Mar 2015	2845301
EP	Euro-PCT Application	Publication of application	15 Jul 2015	05 Sep 2013	13762691.7	15 Jul 2015	2893776
EP	Euro-PCT Application	Publication of application	06 May 2015	25 Jun 2013	13735151.6	06 May 2015	EP2868161
EP	Euro-PCT Application	Filing	27 Dec 2013	27 Dec 2013	13866827.2		
CN	PCT Application	Publication of application	21 Oct 2015	28 Jan 2014	2014800079971	21 Oct 2015	CN104995996A

Country	Filing Type	Current Status	Status Date	Filing Date	Filing Number	Publication Date	Publication Number
CN	PCT Application Divisional	Filing	28 Jan 2014	28 Jan 2014	201810480986.5	14 Sep 2018	108541121
EP	Euro-PCT Application	Publication of application	16 Dec 2015	28 Jan 2014	14748973.6	16 Dec 2015	2954756
KR	PCT Application	Filing	28 Jan 2014	28 Jan 2014	10-2015-7023975		
KR	PCT Application Divisional	Local filing	02 May 2018	02 Sep 2015	1020187012577		
EP	Euro-PCT Application	Publication of application	06 May 2015	25 Jun 2013	13733525.3	06 May 2015	EP2868160
EP	European Application	Filing	20 Aug 2013	20 Aug 2013	13181100.2		
EP	Euro-PCT Application	Local filing	01 Sep 2015	24 Feb 2014	14757376.0	06 Jan 2016	2961633
EP	Euro-PCT Application	Local filing	07 May 2015	29 Oct 2013	13851497.1	09 Sep 2015	2915243
EP	Euro-PCT Application	Local filing	10 Jul 2014	12 Dec 2012	12857833.3		

Country	Filing Type	Current Status	Status Date	Filing Date	Filing Number	Publication Date	Publication Number
CN	PCT Application	Publication of application	28 Oct 2015	09 Jan 2014	2014800134428	28 Oct 2015	CN105008799
EP	Euro-PCT Application	Publication of application	18 Nov 2015	09 Jan 2014	14702976.3	18 Nov 2015	2943722
CN	PCT Application Divisional	Local filing	04 Jun 2018	17 Dec 2013	201810562729.6		
EP	Euro-PCT Application	Publication of application	28 Oct 2015	17 Dec 2013	13821550.4	28 Oct 2015	2935991
CN	PCT Application	Publication of application	14 Oct 2015	17 Dec 2013	201380073236.1	14 Oct 2015	104981653
KR	PCT Application	Filing	17 Dec 2013	17 Dec 2013	10-2015-7019151		
EP	Euro-PCT Application	Publication of application	28 Oct 2015	17 Dec 2013	13814810.1	28 Oct 2015	2935988
JP	PCT Application Divisional	Local filing	19 Apr 2018	17 Dec 2013	2018-080788	06 Sep 2018	2018-139217
CN	PCT Application	Publication of application	14 Oct 2015	17 Dec 2013	201380073301.0	14 Oct 2015	104981656

Country	Filing Type	Current Status	Status Date	Filing Date	Filing Number	Publication Date	Publication Number
EP	Euro-PCT Application	Filing	17 Dec 2013	17 Dec 2013	13821549.6		
CN	PCT Application	Publication of application	25 Feb 2015	05 Apr 2013	2013800313033	25 Feb 2015	CN104379995
CN	PCT Application	Local filing	30 Jul 2015	28 Jan 2014	2014800068727	18 Nov 2015	CN105074520
EP	Euro-PCT Application	Local filing	16 Jul 2015	28 Jan 2014	14746135.4		
CN	PCT Application	National phase	02 Jul 2015	07 Nov 2013	201380071192.9		
EP	Euro-PCT Application	Local filing	14 Jul 2015	07 Nov 2013	13873105.4		
CN	PCT Application	Filing	20 Dec 2013	20 Dec 2013	201380071967.2	18 Nov 2015	CN105074332A
EP	Euro-PCT Application	Local filing	01 Sep 2015	14 Mar 2014	14764347.2		
EP	Euro-PCT Application	National phase	03 Sep 2015	12 Mar 2014	14770728.5		

Country	Filing Type	Current Status	Status Date	Filing Date	Filing Number	Publication Date	Publication Number
IN	PCT Application	Local filing	01 Sep 2015	31 Jan 2014	6726/DELNP/2015		
EP	Euro-PCT Application	Publication of application	20 Jan 2016	12 Mar 2014	14714109.7	20 Jan 2016	2974539
EP	Euro-PCT Application	Local filing	17 Aug 2015	31 Jan 2014	14746658.5		
EP	Euro-PCT Application	Publication of application	20 Jan 2016	12 Mar 2014	14726017.8	20 Jan 2016	2974551
EP	Euro-PCT Application	Local filing	21 Sep 2015	14 Mar 2014	14765416.4		
EP	Euro-PCT Application	Local filing	16 Jul 2015	30 Jan 2014	14877565.3		
EP	Euro-PCT Application	National phase	03 Sep 2015	13 Mar 2014	14768704.0		
EP	Euro-PCT Application	Publication of application	17 Feb 2016	11 Mar 2014	14713738.4	17 Feb 2016	2984391
DE	PCT Application	National phase	06 Jun 2016	04 Dec 2014	2016060616305600DE		

Country	Filing Type	Current Status	Status Date	Filing Date	Filing Number	Publication Date	Publication Number
EP	Euro-PCT Application	Local filing	21 Jan 2016	30 Jun 2014	14829971.2	11 May 2016	3017663
EP	Euro-PCT Application	Local filing	10 Jun 2016	06 Nov 2014	14802765.9	28 Sep 2016	3072362
EP	Euro-PCT Application	Local filing	16 Jul 2015	30 Jan 2014	14745615.6		
CN	PCT Application	Local filing	30 Jul 2015	30 Jan 2014	2014800068750	25 Nov 2015	CN105102888
EP	Euro-PCT Application	Local filing	16 Jul 2015	30 Jan 2014	14746260.0		
EP	Euro-PCT Application	Local filing	16 Jul 2015	30 Jan 2014	14745897.0		
CN	PCT Application	Local filing	30 Jul 2015	30 Jan 2014	2014800068695	25 Nov 2015	CN105102889
EP	Euro-PCT Application	Local filing	16 Jul 2015	30 Jan 2014	14745608.1		
JP	PCT Application	Local filing	29 Jul 2015	30 Jan 2014	2015-556139	18 Feb 2016	2016-505209

Country	Filing Type	Current Status	Status Date	Filing Date	Filing Number	Publication Date	Publication Number
CN	PCT Application	Local filing	30 Jul 2015	30 Jan 2014	201480006873.1		
EP	Euro-PCT Application	Local filing	16 Jul 2015	30 Jan 2014	14745512.5		
EP	Euro-PCT Application	Local filing	14 Jul 2015	07 Nov 2013	13872794.6		
TW	National Patent	Filing	16 Oct 2014	16 Oct 2014	103135868		
EP	Euro-PCT Application	Local filing	18 Sep 2015	13 Mar 2014	14767925.2		
CN	National Patent	Filing	07 Nov 2014	07 Nov 2014	2014106427000	15 Jul 2015	CN104777554A
EP	European Application	Filing	07 Nov 2014	07 Nov 2014	14192325.0	15 Jul 2015	2894396
DE	PCT Application	Local filing	21 Oct 2016	21 Apr 2015	112015001928.6	19 Jan 2017	112015001928.6
CN	PCT Application	Local filing	25 Jan 2017	01 Jun 2015	201580041291.1	10 May 2017	CN106664765A



Country	Filing Type	Current Status	Status Date	Filing Date	Filing Number	Publication Date	Publication Number
DE	PCT Application	National phase	21 Nov 2016	01 Jun 2015	112015002683.5	27 Apr 2017	112015002683
EP	Euro-PCT Application	Local filing	21 Sep 2015	15 Mar 2014	14763315.0		
CN	PCT Application Divisional	Local filing	04 Dec 2017	02 Jan 2015	201711258347.6	17 Apr 2018	CN107920405A
JP	PCT Application	Local filing	06 Jul 2016	02 Jan 2015	2016-544853	23 Feb 2017	2017-505974
DE	PCT Application	Local filing	15 Sep 2016	13 Mar 2015	112015001271.0		
CN	PCT Application	Local filing	28 Dec 2016	21 May 2015	201580035162.1		
DE	PCT Application	National phase	20 Oct 2016	21 May 2015	PCT/US2015/032011		
WO	PCT Application	Filing	21 May 2015	21 May 2015	PCT/US2015/032011	30 Dec 2015	WO2015-199853
EP	Euro-PCT Application	Filing	30 Dec 2014	30 Dec 2014	14869148.8		

Country	Filing Type	Current Status	Status Date	Filing Date	Filing Number	Publication Date	Publication Number
DE	PCT Application	Local filing	28 Nov 2016	21 May 2015	112015003119.7	04 May 2017	DE112015003119T5
CN	PCT Application	Local filing	28 Dec 2016	22 May 2015	201580035156.6		
DE	PCT Application	National phase	21 Nov 2016	22 May 2015	PCT/US2015/032210		
DE	PCT Application	National phase	28 Nov 2016	21 May 2015	PCT/US2015/032040		
DE	PCT Application Divisional	Local filing	07 Mar 2018	26 May 2015	11200150067979.3		
CN	PCT Application	Local filing	30 Sep 2017	28 Mar 2016	2016800203821	01 Dec 2017	107432075
EP	Euro-PCT Application	Local filing	25 Oct 2017	28 Mar 2016	16716353.4	14 Feb 2018	EP3281495
JP	PCT Application	Local filing	06 Oct 2017	28 Mar 2016	2017-553007	24 May 2018	2018-513532
EP	Euro-PCT Application	Local filing	07 Jul 2016	30 Dec 2014	14869050.6		

Country	Filing Type	Current Status	Status Date	Filing Date	Filing Number	Publication Date	Publication Number
CN	PCT Application	Designated	30 Jun 2016				
WO	PCT Application	Filing	30 Jun 2016	30 Jun 2016	PCT/US2016/040504	05 Jan 2017	WO2017-004427
DE	PCT Application	Local filing	27 Apr 2017	27 Oct 2015	112015004502.3	10 Aug 2017	112015004502
DE	PCT Application	Designated	26 Aug 2016				
WO	PCT Application	Filing	26 Aug 2016	26 Aug 2016	PCT/US2016/048985	20 Apr 2017	WO2017-065882
EP	Euro-PCT Application	Local filing	15 Feb 2018	22 Jul 2016	16828583.1	30 May 2018	3326434
WO	PCT Application	Filing	22 Jul 2016	22 Jul 2016	PCT/US2016/043454	26 Jan 2017	WO2017-015524
DE	PCT Application	Local filing	14 Feb 2018	12 Aug 2016	112016003708.2	30 May 2018	112016003708
WO	PCT Application	Filing	12 Aug 2016	12 Aug 2016	PCT/US2016/046776	23 Feb 2017	2017-030959

Country	Filing Type	Current Status	Status Date	Filing Date	Filing Number	Publication Date	Publication Number
CN	PCT Application	Local filing	11 Feb 2018	11 Jun 2016	201680047467.9	17 Apr 2018	107926091
EP	Euro-PCT Application	Local filing	11 Jan 2018	11 Jun 2016	16735937.1	18 Apr 2018	3308605
JP	PCT Application	Local filing	11 Dec 2017	11 Jun 2016	2017-564510		
CN	PCT Application	Local filing	19 Jun 2018	24 Oct 2016	201680074419.9	31 Aug 2018	108476564
DE	PCT Application	Local filing	30 Apr 2018	24 Oct 2016	112016004962.5	26 Jul 2018	112016004962
WO	PCT Application	Filing	24 Oct 2016	24 Oct 2016	PCT/US2016/058493	04 May 2017	WO2017-074870
EP	Euro-PCT Application	Filing	06 Feb 2017	06 Feb 2017	17708016.5		
WO	PCT Application	Publication of application	17 Aug 2017	06 Feb 2017	PCT/US2017/016725	17 Aug 2017	WO2017/139230A1
WO	PCT Application	Filing	12 Aug 2016	12 Aug 2016	PCT/US2016/046753	23 Feb 2017	2017-030951

Country	Filing Type	Current Status	Status Date	Filing Date	Filing Number	Publication Date	Publication Number
EP	Euro-PCT Application	Filing	03 Feb 2017	03 Feb 2017	17705540.7		
WO	PCT Application	Filing	03 Feb 2017	03 Feb 2017	PCT/US2017/016448	17 Aug 2017	WO2017/139192
EP	Euro-PCT Application	Local filing	13 Aug 2018	03 Feb 2017	17708904.2		
WO	PCT Application	Filing	03 Feb 2017	03 Feb 2017	PCT/US2017/016454	17 Aug 2017	WO2017/139193
DE	PCT Application	Local filing	08 Aug 2018	03 Feb 2017	112017000705.4		
WO	PCT Application	Filing	03 Feb 2017	03 Feb 2017	PCT/US2017/016469	17 Aug 2017	WO2017/139198
DE	PCT Application	Local filing	06 Aug 2018	08 Feb 2017	112017000699.6	25 Oct 2018	11207000699
WO	PCT Application	Filing	08 Feb 2017	08 Feb 2017	PCT/US2017/016884	17 Aug 2017	WO2017-139298
WO	PCT Application	Filing	28 Feb 2017	28 Feb 2017	PCT/US2017/019837	12 Oct 2017	WO2017-176388

Country	Filing Type	Current Status	Status Date	Filing Date	Filing Number	Publication Date	Publication Number
CN	PCT Application	Designated	28 Feb 2017				
EP	Euro-PCT Application	Designated	28 Feb 2017				
WO	PCT Application	Filing	28 Feb 2017	28 Feb 2017	PCT/US2017/020014	14 Sep 2017	
WO	PCT Application	Filing	23 Jun 2017	23 Jun 2017	PCT/US2017/039101		
TW	National Patent	Filing	30 Jan 2018	30 Jan 2018	107103272	01 Sep 2018	201831820
WO	PCT Application	Filing	26 Jan 2018	26 Jan 2018	PCT/US2018/015509	02 Aug 2018	WO2018-0140768
DE	PCT Application	Filing	24 Jan 2017	24 Jan 2017	PCT/US2017/14666		
WO	PCT Application	Filing	24 Jan 2017	24 Jan 2017	PCT/US2017/14666	17 Aug 2017	WO2017-139089
WO	PCT Application	Filing	28 Feb 2018	28 Feb 2018	PCT/US2018/020211	07 Sep 2018	WO2018/0160684

Country	Filing Type	Current Status	Status Date	Filing Date	Filing Number	Publication Date	Publication Number
WO	PCT Application	Filing	13 Jun 2018	13 Jun 2018	PCT/US2018/037301		
WO	PCT Application	Filing	02 Feb 2018	02 Feb 2018	PCT/US2018/016626	09 Aug 2018	WO2018-144848
WO	PCT Application	Filing	09 Apr 2018	09 Apr 2018	PCT/US2018/026710	18 Oct 2018	WO2018-191168
WO	PCT Application	Filing	12 Jun 2018	12 Jun 2018	PCT/US2018/037048		
DE	National Patent	Filing	28 Aug 2017	28 Aug 2017	102017214959.0		
DE	National Patent	Filing	31 Aug 2018	31 Aug 2018	102018214857.0		
DE	National Patent	Filing	14 Aug 2018	14 Aug 2018	102018213656.4		
EM	Community Design	Filing	24 Sep 2018	24 Sep 2018	005654340		
WO	PCT Application	Filing	14 Dec 2018	14 Dec 2018	PCT/US2018/065595		

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Exhibit A to Patent Assignment Agreement

Country	Filing Type	Current Status	Status Date	Filing Date	Filing Number	Publication Date	Publication Number
WO	PCT Application	Filing	15 Feb 2019	15 Feb 2019	PCT/US2019/016592		

**PATENT**

**REEL: 053226 FRAME: 0482**

**RECORDED: 07/16/2020**