

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT4786097

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	MERGER	
EFFECTIVE DATE:	12/31/2015	
CONVEYING PARTY DATA		
	Name	Execution Date
	EXELIS INC.	12/23/2015
RECEIVING PARTY DATA		
Name:	HARRIS CORPORATION	
Street Address:	1025 W. NASA BOULEVARD	
City:	MELBOURNE	
State/Country:	FLORIDA	
Postal Code:	32919	
PROPERTY NUMBERS Total: 1		
	Property Type	Number
	Application Number:	15016643
CORRESPONDENCE DATA		
Fax Number:		
<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>		
Email:	jmd@usiplaw.com	
Correspondent Name:	EDELL, SHAPIRO & FINNAN LLC	
Address Line 1:	9801 WASHINGTONIAN BOULEVARD	
Address Line 2:	SUITE 750	
Address Line 4:	GAITHERSBURG, MARYLAND 20878	
ATTORNEY DOCKET NUMBER:	2805.0407C (D-SS-0288)	
NAME OF SUBMITTER:	PATRICK J. FINNAN	
SIGNATURE:	/Patrick J. Finnan/	
DATE SIGNED:	01/22/2018	
Total Attachments: 14		
source=Exelis-Harris DE Certificate of Merger#page1.tif		
source=Exelis-Harris DE Certificate of Merger#page2.tif		
source=Exelis-Harris DE Certificate of Merger#page3.tif		
source=USHarrisCases#page1.tif		
source=USHarrisCases#page2.tif		

source=USHarrisCases#page3.tif
source=USHarrisCases#page4.tif
source=USHarrisCases#page5.tif
source=USHarrisCases#page6.tif
source=USHarrisCases#page7.tif
source=USHarrisCases#page8.tif
source=USHarrisCases#page9.tif
source=USHarrisCases#page10.tif
source=USHarrisCases#page11.tif

Delaware

The First State

Page 1

I, JEFFREY W. BULLOCK, SECRETARY OF STATE OF THE STATE OF DELAWARE, DO HEREBY CERTIFY THE ATTACHED IS A TRUE AND CORRECT COPY OF THE CERTIFICATE OF OWNERSHIP, WHICH MERGES:

"EXELIS INC.", AN INDIANA CORPORATION,

WITH AND INTO "HARRIS CORPORATION" UNDER THE NAME OF "HARRIS CORPORATION", A CORPORATION ORGANIZED AND EXISTING UNDER THE LAWS OF THE STATE OF DELAWARE, AS RECEIVED AND FILED IN THIS OFFICE ON THE THIRTIETH DAY OF DECEMBER, A.D. 2015, AT 10:05 O'CLOCK A.M.

AND I DO HEREBY FURTHER CERTIFY THAT THE EFFECTIVE DATE OF THE AFORESAID CERTIFICATE OF OWNERSHIP IS THE THIRTY-FIRST DAY OF DECEMBER, A.D. 2015 AT 11:59 O'CLOCK P.M.

A FILED COPY OF THIS CERTIFICATE HAS BEEN FORWARDED TO THE NEW CASTLE COUNTY RECORDER OF DEEDS.



A handwritten signature in black ink, appearing to read "JB", is written over a horizontal line. Below the line, the text "Jeffrey W. Bullock, Secretary of State" is printed in a small font.

209229 8100M
SR# 20151577442

You may verify this certificate online at corp.delaware.gov/authver.shtml

Authentication: 10703190
Date: 12-30-15

PATENT
REEL: 044686 FRAME: 0430

**STATE OF DELAWARE
CERTIFICATE OF OWNERSHIP
MERGING EXELIS INC.
INTO HARRIS CORPORATION**

**SUBSIDIARY INTO PARENT
Section 253**

(Pursuant to Section 253 of the General Corporation Law of Delaware)

Harris Corporation, a corporation incorporated on the 6th day of December 1926, pursuant to the provisions of the General Corporation Law of the State of Delaware ("Survivor"),

DOES HEREBY CERTIFY that Survivor owns 100% of the capital stock of Exelis Inc., a corporation incorporated on the 4th day of May 2011, pursuant to the provisions of the Indiana Business Corporation Law ("Subsidiary"), and that Survivor, by a resolution of its Board of Directors duly adopted on December 4, 2015, determined to merge Subsidiary into itself, to be effective as of 11:59:59 p.m. on December 31, 2015, which resolutions are in the following words to wit:

WHEREAS, Harris Corporation, a corporation incorporated under the laws of Delaware ("Survivor"), lawfully owns 100% of the outstanding stock of Exelis Inc., a corporation incorporated under the laws of Indiana ("Subsidiary"); and

WHEREAS Survivor desires to merge Subsidiary into itself, to be effective as of 11:59:59 p.m. on December 31, 2015, and to be possessed of all the estate, property, rights, privileges and franchises of Subsidiary; and

NOW, THEREFORE, BE IT RESOLVED, that Survivor shall merge Subsidiary into itself, to be effective as of 11:59:59 p.m. on December 31, 2015, and shall assume all of Subsidiary's liabilities and obligations, and

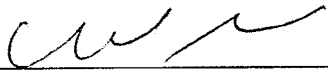
FURTHER RESOLVED, that any authorized officer of Survivor be, and he or she hereby is, directed to make and execute a certificate of ownership setting forth (i) a copy of the resolution to merge Subsidiary into Survivor and assume Subsidiary's liabilities and obligations, and (ii) the date of adoption thereof, and to file the same in the office of the Secretary of State of Delaware, and a certified copy thereof in the office of the Recorder of Deeds of New Castle County; and

FURTHER RESOLVED, that the officers of Survivor be, and each of them hereby is, authorized and directed to do all acts and things whatsoever, whether within or without the State of Delaware; which may be in any way necessary or proper to effect said merger.

IN WITNESS WHEREOF, said parent corporation has caused its corporate seal to be affixed and this certificate to be signed by an authorized officer this 23rd day of December 2015.

Harris Corporation

By: _____


Charles J. Greene

Vice President, Tax and Treasurer

PATENT

Patent Ref. No.	Patent Ref. No.	Country	Registration Type	Status	Serial No.	Filing Date	Patent No.	Grant Date	Publication No.	Publ. Date
D-ACD-E010	0918.0007C	N/A	Original Filing	Granted	08/437,409	5/12/1995	6,188,720	2/13/2001	Not Applicable	Not Applicable
D-ACD-E016	0918.0071C	N/A	Continuation-In-Part	Granted	09/326,029	6/4/1999	6,009,376	12/28/1999	Not Applicable	Not Applicable
D-ACD-E018	0918.0024C	N/A	Continuation-In-Part	Granted	09/375,064	8/16/1999	6,137,828	10/24/2000	Not Applicable	Not Applicable
D-ACD-E018/E	0918.0119C	N/A	Original Filing	Granted	08/861,606	5/22/1997	5,970,086	10/19/1999	Not Applicable	Not Applicable
D-ACD-E019	0918.0014C	N/A	Original Filing	Granted	08/850,231	5/2/1997	6,052,406	4/18/2000	Not Applicable	Not Applicable
D-ACD-E021	0918.0072C	N/A	Original Filing	Granted	08/861,604	5/21/1997	6,018,543	1/25/2000	Not Applicable	Not Applicable
D-ACD-E022	0918.0001C	N/A	Divisional	Granted	09/510,496	2/22/1990	6,389,088	5/14/1999	Not Applicable	Not Applicable
D-ACD-E022	0918.0008C	N/A	Original Filing	Granted	08/837,353	4/17/1997	6,002,728	12/14/1999	Not Applicable	Not Applicable
D-ACD-E022	0918.0009C	N/A	Continuation-In-Part	Granted	09/349,077	7/8/1999	6,052,423	4/18/2000	Not Applicable	Not Applicable
D-ACD-E023	0918.0018C	N/A	Original Filing	Granted	08/857,990	5/16/1997	6,078,612	6/20/2000	Not Applicable	Not Applicable
D-ACD-E024	0918.0013C	N/A	Original Filing	Granted	08/963,169	11/3/1997	6,111,860	8/29/2000	Not Applicable	Not Applicable
D-ACD-E026	0918.0015C	N/A	Original Filing	Granted	09/104,551	6/25/1998	6,134,514	10/17/2000	Not Applicable	Not Applicable
D-ACD-E029 CA	2803.0012CA	N/A	Original Filing	Granted	2,384,383	8/2/2000	2,384,383	10/18/2011	2,384,383	2/8/2001
D-ACD-E030	0918.0037C	N/A	Original Filing	Granted	09/711,169	11/13/2000	6,934,388	8/23/2005	Not Applicable	Not Applicable
D-ACD-E031	0918.0040C	N/A	Original Filing	Granted	09/711,177	11/13/2000	6,959,030	10/25/2005	Not Applicable	Not Applicable
D-ACD-E032	0918.0041C	N/A	Original Filing	Granted	09/711,155	11/13/2000	6,873,664	3/29/2005	Not Applicable	Not Applicable
D-ACD-E034	0918.0042C	N/A	Original Filing	Granted	09/711,156	11/13/2000	6,873,664	3/29/2005	Not Applicable	Not Applicable
D-ACD-E034	0918.0043C	N/A	Original Filing	Granted	09/711,179	11/13/2000	6,965,634	11/15/2005	Not Applicable	Not Applicable
D-ACD-E035	0918.0044C	N/A	Original Filing	Granted	09/711,178	11/13/2000	6,868,108	3/15/2005	Not Applicable	Not Applicable
D-ACD-E036	0918.0046C	N/A	Original Filing	Granted	09/711,176	11/13/2000	6,441,601	8/27/2002	Not Applicable	Not Applicable
D-ACD-E037	0918.0047C	N/A	Original Filing	Granted	09/710,968	11/13/2000	6,452,377	9/17/2002	Not Applicable	Not Applicable
D-ACD-E038	0918.0033C	N/A	Original Filing	Granted	09/704,711	11/13/2000	6,349,210	2/19/2002	Not Applicable	Not Applicable
D-ACD-E040	0918.0050C	N/A	Original Filing	Granted	09/709,502	11/13/2000	6,980,537	12/27/2005	Not Applicable	Not Applicable
D-ACD-E043	0918.0036C	N/A	Original Filing	Granted	09/705,822	11/6/2000	6,385,174	5/7/2002	Not Applicable	Not Applicable
D-ACD-E043 CA	2803.0024CA	N/A	Original Filing	Granted	2,390,602	10/19/2000	2,390,602	10/19/2010	2,390,602	5/25/2001
D-ACD-E043 EP	2803.0023EP	N/A	Original Filing	Granted	0980256.2	11/9/2000	1228607	10/14/2009	1228607	8/7/2002
D-ACD-E045	0918.0038C	N/A	Original Filing	Granted	09/706,845	11/7/2000	6,349,091	2/19/2002	Not Applicable	Not Applicable
D-ACD-E046	0918.0096C	N/A	Continuation-In-Part	Granted	09/777,625	2/6/2001	6,801,782	10/5/2004	2001-0053699	12/20/2001
D-ACD-E048 EP	2803.0183F	N/A	Original Filing	Granted	2018403.2	8/15/2002	1289172	4/11/2007	1289172	3/5/2003
D-ACD-E050	2803.0207C	N/A	Original Filing	Granted	09/711,898	11/15/2000	7,596,484	9/29/2009	Not Applicable	Not Applicable
D-ACD-E051	0918.0026C	N/A	Original Filing	Granted	10/028,727	12/28/2001	7,260,722	8/24/2007	2003-123659	7/3/2003
D-ACD-E056	0918.0097C	N/A	Original Filing	Granted	10/024,146	12/21/2001	7,184,421	2/27/2007	Not Applicable	Not Applicable
D-ACD-E058	0918.0100C	N/A	Original Filing	Granted	09/839,598	4/23/2001	6,876,326	4/5/2005	2002-0155845	10/24/2002
D-ACD-E058 EP	2803.0171F	N/A	Original Filing	Granted	2076632.5	4/23/2002	1253437	9/26/2007	1253437	10/30/2002
D-ACD-E059	0918.0152C	N/A	Original Filing	Granted	10/660,768	9/12/2003	7,079,904	7/18/2006	Not Applicable	Not Applicable
D-ACD-E066 EP	0918.0175EP	N/A	Original Filing	Filed	4400056.0	10/22/2004	15,26605	12/19/2007	1526605	4/27/2005
D-ACD-E072 AU	2803.0223AU	N/A	Original Filing	Granted	2004292243	11/24/2004	2004292243	3/13/2008	2004292243	11/29/2007
D-ACD-E073	0918.0245C	N/A	Original Filing	Granted	10/689,661	10/22/2003	7,103,371	9/5/2006	Not Applicable	Not Applicable
D-ACD-E075	2803.0246C	N/A	Original Filing	Granted	10/690,552	10/23/2003	8,014,378	9/6/2011	Not Applicable	Not Applicable
D-ACD-E076	0918.0247C	N/A	Original Filing	Granted	10/668,193	9/24/2003	6,867,625	3/15/2005	Not Applicable	Not Applicable
D-ACD-E077	2803.0240C	N/A	Original Filing	Granted	10/747,453	12/30/2003	7,487,493	2/13/2009	Not Applicable	Not Applicable
D-ACD-E077 AU	2803.0240AU	N/A	Original Filing	Granted	2004311606	12/23/2004	2004311606	5/28/2009	2004311606	2/12/2009
D-ACD-E077 EP	2803.0240EP	N/A	Original Filing	Filed	4812323.6	12/23/2004			1702263	7/21/2005
D-ACD-E078	0918.0244C	N/A	Original Filing	Granted	10/695,484	10/29/2003	7,366,243	4/29/2008	Not Applicable	Not Applicable
D-ACD-E079	0918.0256C	N/A	Original Filing	Granted	11/032,025	1/11/2005	7,453,961	11/18/2008	Not Applicable	Not Applicable
D-ACD-E079 GB	2803.0256UK	N/A	Original Filing	Granted	523575.9	11/18/2005	2422064	11/7/2007	2422064	7/12/2006
D-ACD-E082	0918.0262C	N/A	From Provisional	Granted	10/994,476	11/23/2004	7,444,565	10/28/2008	Not Applicable	Not Applicable
D-ACD-E083	2803.0265C	N/A	Original Filing	Granted	11/071,587	3/4/2005	7,639,663	12/29/2009	Not Applicable	Not Applicable
D-ACD-E083 GB	2803.0265UK	N/A	Original Filing	Granted	603754.3	2/24/2006	2423893	6/17/2009	2423893	9/6/2006
D-ACD-E084	0918.0029C	N/A	Original Filing	Granted	09/930,165	8/16/2001	6,861,982	3/11/2005	2003-0092448	5/15/2003
D-ACD-E084	2803.0266UK	N/A	Original Filing	Granted	11/071,588	3/4/2005	7,768,989	8/3/2010	2006-0198324	9/7/2006
D-ACD-E085	2803.0268C	N/A	Original Filing	Granted	603752.7	2/24/2006	2423892	7/14/2010	2423892	9/6/2006
D-ACD-E085 GB	2803.0268UK	N/A	Original Filing	Granted	11/071,235	3/4/2005	7,502,360	3/10/2009	2006-0198346	9/7/2006
D-ACD-E087	0918.0273C	N/A	Original Filing	Granted	60342.7	2/20/2006	2423891	8/25/2010	2423891	9/6/2006
D-ACD-E088	2803.0277C	N/A	Original Filing	Granted	10/850,443	5/21/2004	7,183,974	2/27/2007	Not Applicable	Not Applicable
D-ACD-E088 GB	2803.0277UK	N/A	Original Filing	Granted	11/128,355	5/13/2005	7,590,756	9/15/2009	2006-0256768	11/16/2006
D-ACD-E089	2803.0278C	N/A	Original Filing	Granted	608049.3	4/24/2006	2426165	10/7/2009	2426165	11/15/2006
D-ACD-E089 GB	2803.0278UK	N/A	Original Filing	Granted	11/007,259	12/9/2004	7,496,059	2/24/2009	2006-0128349	6/15/2006
D-ACD-E092	2803.0278UK	N/A	Original Filing	Granted	523434.9	11/17/2005	2421153	10/24/2009	2421153	6/14/2006

D ACD E090	2803.0279C	N/A	United States	Original Filing	Granted	11/191,910	7/29/2005	7,746,939	6/29/2010	2007.0025456	2/1/2007	
D ACD E090 AU	2803.0279AU	N/A	Australia	Original Filing	Granted	2006203162	7/21/2006	2006203162	7/16/2009	2006203162	4/2/2009	
D ACD E090 EP	2803.0279EP	201600487	Europe	Original Filing	Filed	6117787.9	7/25/2006			1750365	1/18/2012	
D ACD E092	2803.0287C	N/A	United States	Original Filing	Granted	11/085,655	3/22/2005	7,729,285	6/1/2010	2006.0215588	9/28/2006	
D ACD E092 GB	2803.0287Div	201600564	United States	Divisional	Filed	127748,558	3/29/2010			2010.0182901	07/12/2010	
D ACD E092 GB	2803.0287UK	N/A	Great Britain	Original Filing	Granted	603753.5	2/24/2006	2426411	11/17/2010	2426411	11/22/2006	
D ACD E092 GB	2803.0287UK2	N/A	Great Britain	Divisional	Granted	1008643.7	5/25/2010	2468065	12/8/2010	2468065	8/25/2010	
D ACD E093	2803.0290C	N/A	United States	Original Filing	Granted	11128,227	9/19/2005	7,765,093	7/27/2010	2007.0076628	4/5/2007	
D ACD E093 AU	2803.0290AU	N/A	Australia	Original Filing	Granted	2006220373	9/18/2006	2006220373	8/5/2010	2006220373	4/22/2010	
D ACD E093 GB	2803.0290UK	N/A	Great Britain	Original Filing	Granted	618424.6	9/19/2006	2430328	9/19/2006	2430328	3/21/2007	
D ACD E094	2803.0311AU	N/A	United States	Original Filing	Granted	111521,413	9/15/2006	7,710,944	5/4/2010	2010.0091760	4/15/2010	
D ACD E094 AU	2803.0311AU	N/A	Australia	Original Filing	Granted	2007211953	8/27/2007	2007211953	9/30/2010	2007211953	4/3/2008	
D ACD E094 EP	2803.0311EP	N/A	Europe	Original Filing	Granted	7115348	8/30/2007	1901458	12/30/2015	1901458	9/19/2012	
D ACD E095	2803.0334C	N/A	United States	Original Filing	Granted	111545,587	10/11/2006	7,787,450	8/31/2010	Not Applicable	Not Applicable	
D ACD E095 AU	2803.0334AU	N/A	Australia	Original Filing	Granted	2007221787	10/2/2007	2007221787	3/18/2010	2007221787	5/1/2008	
D ACD E095 EP	2803.0334EP	N/A	Europe	Original Filing	Granted	7117310.8	9/26/2007	1912391	1/27/2010	1912391	4/16/2008	
D ACD E096	2803.0351C	N/A	United States	Original Filing	Granted	111677,313	2/21/2007	7,729,321	6/1/2010	2008.0198815	8/21/2008	
D ACD E096 AU	2803.0351AU	N/A	Australia	Original Filing	Granted	2008200541	2/5/2008	2008200541	2/24/2011	2008200541	9/4/2008	
D ACD E096 EP	2803.0351EP	201600488	Europe	Original Filing	Filed	8151348.3	2/13/2008			1962460	5/20/2012	Intent to Grant
D ACD E097	2803.0352C	N/A	United States	Original Filing	Granted	111695,879	4/3/2007	7,916,666	3/29/2011	2008.0247408	10/9/2008	
D ACD E098	2803.0352C	N/A	United States	Original Filing	Granted	111775,988	7/11/2007	7,983,230	7/19/2011	Not Applicable	Not Applicable	
D ACD E101	2803.0371C	N/A	United States	Original Filing	Granted	121474,546	5/29/2009	8,041,336	10/18/2011	2010.0304708	12/2/2010	
D ACD E101 EP	2803.0371EP	N/A	Europe	Original Filing	Granted	10161703.3	5/3/2010	2256511	5/1/2013	2256511	12/1/2010	
D ACD E102	2803.0373C	N/A	United States	Original Filing	Granted	121098,602	4/7/2008	8,089,884	1/3/2012	2011.0044169	2/24/2011	
D ACD E102 EP	2803.0373EP	N/A	Europe	Original Filing	Granted	9155443.6	3/18/2009	2109336	11/2/2011	2109336	10/14/2009	
D ACD E118	2803.0377C	N/A	United States	Original Filing	Granted	121403,615	3/13/2009	7,978,132	7/12/2011	2009.0278739	10/14/2009	
D ACD E118 EP	2803.0377EP	N/A	Europe	Original Filing	Granted	9155066.5	9/19/2012	2108975	9/19/2012	2108975	11/14/2009	
D ACD E119	2803.0378C	N/A	United States	Original Filing	Granted	121577,447	10/12/2009	8,149,162	4/3/2012	Not Applicable	Not Applicable	
D ACD E120	2803.0384C	N/A	United States	Original Filing	Granted	121500,256	7/9/2009	7,944,389	5/17/2011	Not Applicable	Not Applicable	
D ACD E121	2803.0388C	N/A	United States	Original Filing	Granted	121756,575	4/8/2010	8,675,482	3/18/2014	Not Applicable	Not Applicable	
D ACD E122	2803.0392C	N/A	United States	Original Filing	Granted	121500,292	7/9/2009	8,050,196	11/1/2011	2011.0007669	1/13/2011	
D ACD E122 EP	2803.0392EP	N/A	Europe	Original Filing	Granted	10167108.9	6/24/2010	2280517	8/14/2014	2280517	2/2/2011	
D ACD E123	2803.0397C	N/A	United States	Original Filing	Granted	121710,802	2/23/2010	8,760,347	6/24/2013	Not Applicable	Not Applicable	
D ACD E124	2803.0398C	N/A	United States	Original Filing	Granted	121788,069	5/26/2010	8,462,071	6/11/2013	Not Applicable	Not Applicable	
D ACD E125	2803.0399C	N/A	United States	Original Filing	Granted	121756,575	4/8/2010	8,121,050	2/24/2012	2011.0249688	10/13/2011	
D ACD E125 EP	2803.0399EP	201600489	Europe	Original Filing	Filed	11161270.1	4/6/2011			2378634	11/27/2013	
D ACD E125 IN	2803.0399IN	201600490	India	Original Filing	Filed	492/KOL/2011	4/4/2011			Not Applicable	Not Applicable	
D ACD E126	2803.0400C	N/A	United States	Original Filing	Granted	121756,623	4/8/2010	8,483,608	7/9/2013	2011.0250883	10/13/2011	
D ACD E128	2803.0402C	N/A	United States	Original Filing	Granted	121913,015	10/27/2010	8,537,051	9/17/2013	Not Applicable	Not Applicable	
D ACD E129	2803.0407C	N/A	United States	Original Filing	Granted	131111,379	5/19/2011	8,878,725	11/4/2014	2012.0293371	11/22/2012	
D ACD E129 EP	2803.0407EP	201600491	Europe	Original Filing	Filed	12166578	5/3/2012			2525234	11/21/2012	
D ACD E130	2803.0408C	N/A	United States	Original Filing	Granted	131191,696	7/27/2011	8,723,730	5/13/2014	2013.0027751	5/13/2014	
D ACD E130 EP	2803.0408EP	N/A	Europe	Original Filing	Filed	12177418.6	7/23/2012			2551696	6/4/2014	
D ACD E131	2803.0409C	N/A	United States	Original Filing	Granted	131149,277	5/31/2011	8,615,190	12/24/2013	2012.0309288	12/6/2012	
D ACD E131 EP	2803.0409EP	201600493	Europe	Original Filing	Filed	12166722.4	5/4/2012			2530862	12/5/2012	
D ACD E132	2803.0410C	N/A	United States	Original Filing	Granted	131049,443	3/16/2011	8,878,726	11/4/2014	2012.0235864	9/20/2012	
D ACD E132 EP	2803.0410EP	N/A	Europe	Original Filing	Granted	12159186.1	3/13/2012	2500743	2/24/2016	2500743	9/19/2012	
D ACD E132 IL	2803.0410IL	201600494	Israel	Original Filing	Filed	218675	3/15/2012			Not Applicable	Not Applicable	
D ACD E133	2803.0411C	N/A	United States	Original Filing	Granted	131233,445	9/15/2011	8,831,164	9/9/2014	2013.0070814	3/21/2013	
D ACD E133 EP	2803.0411EP	201600495	Europe	Original Filing	Filed	12183824.7	9/11/2012			2571214	3/20/2013	
D ACD E133 IS	2803.0411IS	201600497	Israel	Original Filing	Filed	221939	9/13/2012			Not Applicable	Not Applicable	
D ACD E134	2803.0412C	N/A	United States	Original Filing	Granted	131349,955	1/13/2012	8,964,815	2/24/2015	2013.0182748	7/18/2013	
D ACD E134 EP	2803.0412EP	201600498	Europe	Original Filing	Filed	1350746.9	1/10/2013	2615742		2615742	7/17/2013	
D ACD F052	0918.0006C	N/A	United States	Original Filing	Granted	081846,885	5/11/1997	6,118,769	9/12/2000	Not Applicable	Not Applicable	
D ACD F057	0918.0002C	N/A	United States	Original Filing	Granted	091099,716	6/18/1998	6,212,365	4/3/2001	Not Applicable	Not Applicable	
D ACD F060	0918.0016C	N/A	United States	Original Filing	Granted	091112,543	7/19/1998	6,161,075	12/12/2000	Not Applicable	Not Applicable	
D ACD F062	0918.0078C	N/A	United States	Original Filing	Granted	101073,037	2/12/2002	7,218,682	5/15/2007	2005.0031045	2/10/2005	
D ACD F063	0918.0054C	N/A	United States	Original Filing	Granted	091708,189	11/8/2000	6,859,463	2/22/2005	Not Applicable	Not Applicable	
D ACD F065	0918.0162C	N/A	United States	Original Filing	Granted	101192,559	7/11/2002	7,050,775	5/23/2006	2004.0009759	1/15/2004	
D ACD F065 EP	2803.0242F	N/A	Europe	Original Filing	Granted	3015876	7/11/2003	1383247	3/12/2008	1383247	1/12/2004	

D-ACD-F066 EP	2803.0117C	N/A	Europe	Original Filing	Granted	1110360.3	4/26/2001	1170698	12/7/2005	1170698	1/9/2002	
D-ACD-F073	0918.0048C	N/A	United States	Original Filing	Granted	097705.588	11/3/2000	6,404,756	6/11/2002	Not Applicable	Not Applicable	
D-ACD-F073 CA	2803.0019CA	N/A	Canada	Original Filing	Granted	2,390,529	11/3/2000	2,390,529	7/27/2010	2,390,529	5/10/2001	
D-ACD-F074 EP	2805.0180F	N/A	Europe	Original Filing	Granted	2016212.9	7/18/2002	1278109	1/11/2006	1278109	1/22/2003	
D-ACD-F078	0918.0263C	N/A	United States	Original Filing	Granted	097990.496	11/21/2001	7,006,474	2/28/2006	2003-0096586	5/22/2003	
D-ACD-F078 EP	2803.0263EP	N/A	Europe	Original Filing	Granted	2025198.9	11/1/2002	1314996	12/27/2006	1314996	12/27/2006	
D-ACD-F083 EP	2803.0191F	N/A	Europe	Original Filing	Granted	2024632.7	11/4/2002	1308765	3/7/2007	1308765	5/7/2003	
D-ACD-F086	0918.0124C	N/A	United States	Original Filing	Granted	107061.522	2/5/2002	7,061,998	6/13/2006	Not Applicable	Not Applicable	
D-ACD-F101 EP	2803.0202EP	N/A	Europe	Original Filing	Granted	4400030.5	6/19/2004	1491931	8/13/2008	1491931	12/29/2004	
D-ACD-F110	0918.0241C	N/A	United States	Original Filing	Granted	107441.015	5/20/2003	6,831,447	12/14/2004	Not Applicable	Not Applicable	
D-ACD-F110 AU	2803.0241AU	N/A	Australia	Original Filing	Granted	2005241964	5/3/2005	2005241964	3/13/2009	2005241964	11/27/2008	
D-ACD-F110 EP	2803.0241EP	N/A	Europe	Original Filing	Granted	5745714.5	5/3/2005	1745584	11/9/2011	1745584	1/24/2007	
D-ACD-F113	2803.0254C	N/A	United States	Original Filing	Granted	111002.151	12/3/2004	7,720,451	5/18/2010	2006-0121864	6/8/2006	
D-ACD-F113 GB	2803.0254UK	N/A	Great Britain	Original Filing	Granted	523433.1	11/17/2005	2424327	11/24/2010	2424327	9/20/2006	
D-ACD-F118	2803.0275C	N/A	United States	Original Filing	Granted	110384.426	1/21/2005	7,529,677	5/5/2009	Not Applicable	Not Applicable	
D-ACD-F122	0918.0282C	N/A	United States	Original Filing	Granted	117049.947	2/4/2005	7,193,435	3/29/2007	2006-0176077	8/10/2006	
D-ACD-F126	2803.0288C	N/A	United States	Original Filing	Granted	117378.625	3/20/2005	7,639,730	12/29/2009	2006-0215736	9/28/2006	
D-ACD-F127	2803.0291C	N/A	United States	Original Filing	Granted	11194.464	8/2/2005	7,509,150	3/24/2009	Not Applicable	Not Applicable	
D-ACD-F142	2803.0343C	N/A	United States	Original Filing	Granted	11617.778	12/29/2006	7,969,746	6/28/2011	2008-0074851	3/27/2008	
D-ACD-F142	2803.0343CON	N/A	United States	Continuation	Granted	137080.819	4/6/2011	8,300,414	10/30/2012	2011-0188212	8/4/2011	
D-ACD-F142 AU	2803.0343AU	N/A	Australia	Original Filing	Granted	2007216866	9/20/2007	2007216866	1/6/2011	2007216866	4/10/2008	
D-ACD-F142 EP	2803.0343EP	N/A	Europe	Original Filing	Granted	7115526.1	9/3/2007	1903846	2/17/2016	1903846	3/26/2008	
D-ACD-F143 AU	0918.0344C	N/A	United States	Original Filing	Granted	11617.786	12/29/2006	7,422,486	9/9/2008	2008-0076292	3/27/2008	
D-ACD-F143 AU	2803.0344AU	N/A	Australia	Original Filing	Granted	2007216865	9/20/2007	2007216865	8/5/2010	2007216865	4/10/2008	
D-ACD-F143 EP	2803.0344EP	N/A	Europe	Original Filing	Granted	7115527.9	9/3/2007	1903847	7/6/2012	1903847	3/26/2008	
D-ACD-F144	2803.0345AU	N/A	United States	Original Filing	Granted	11858.205	9/20/2007	7,750,498	2/18/2010	2008-0073575	3/27/2008	
D-ACD-F144 AU	2803.0345AU	N/A	Australia	Original Filing	Granted	2007216911	9/21/2007	2007216911	2/3/2011	2007216911	4/10/2008	
D-ACD-F144 EP	2803.0345EP	N/A	Europe	Original Filing	Granted	7116926.2	9/21/2007	1909401	11/25/2009	1909401	4/9/2008	
D-ACD-F145	2803.0346C	N/A	United States	Original Filing	Granted	11859.826	9/24/2007	8,291,123	10/16/2010	2007219265	3/27/2008	
D-ACD-F145 AU	2803.0346AU	N/A	Australia	Original Filing	Granted	2007219265	9/24/2007	2007219265	11/18/2010	2007219265	4/10/2008	
D-ACD-F145 EP	2803.0346EP	N/A	Europe	Original Filing	Granted	7117012	9/24/2007	1903449	8/18/2010	1903449	3/26/2008	
D-ACD-F146	2803.0363C	N/A	United States	Original Filing	Granted	117928.147	10/30/2007	8,014,444	9/6/2011	Not Applicable	Not Applicable	
D-ACD-F199	2803.0370C	N/A	United States	Original Filing	Granted	12107.457	4/22/2008	8,725,327	5/13/2011	2009-0265104	10/22/2009	
D-ACD-F199 EP	2803.0370EP	N/A	Europe	Original Filing	Granted	9152721.9	4/3/2009	2112472	9/10/2014	2112472	3/28/2012	
D-ACD-F201	2803.0376C	N/A	United States	Original Filing	Granted	12420.882	4/9/2009	7,899,085	3/1/2011	2010-0260207	10/14/2010	
D-ACD-F201 EP	2803.0376EP	N/A	Europe	Original Filing	Granted	10159347.3	8/4/2010	2239594	7/25/2012	2239594	10/13/2010	
D-ACD-F204	2803.0380C	N/A	United States	Original Filing	Granted	12735.837	12/16/2008	8,238,557	8/7/2012	2010-0150350	6/17/2010	
D-ACD-F204 EP	2803.0380EP	N/A	Europe	Original Filing	Filed	9176475.3	11/19/2009			2200215	6/23/2010	
D-ACD-F205	2803.0382C	N/A	United States	Original Filing	Granted	127370.630	2/13/2009	8,052,480	11/8/2011	2010-0210147	8/19/2010	
D-ACD-F205 EP	2803.0382EP	N/A	Europe	Original Filing	Filed	10152217.5	2/1/2010			2219273	3/7/2012	
D-ACD-F208	2803.0395C	N/A	United States	Original Filing	Granted	127476.389	6/2/2009	8,443,028	5/14/2013	2010-0306299	12/2/2010	
D-ACD-F208 EP	2803.0395EP	N/A	Europe	Original Filing	Granted	10161704.1	5/3/2010	2261795	11/23/2011	2261795	12/15/2010	
D-ACD-F216	2803.0404C	N/A	United States	Original Filing	Granted	137562.724	7/31/2012	8,837,616	9/16/2014	2014-0036984	2/6/2014	
D-ACD-F216 EP	2803.0404EP	N/A	Europe	Original Filing	Filed	13173786.8	6/26/2013			2693713	2/4/2014	
D-ACD-F217	2803.0405C	N/A	United States	Original Filing	Granted	13362.794	1/31/2012	8,665,973	3/4/2014	2013-0195227	8/1/2013	
D-ACD-F217 EP	2803.0405EP	N/A	Europe	Original Filing	Filed	13318693.5	1/18/2013			2624514	8/7/2013	Intent to Grant
D-ACD-F218	2803.0406C	N/A	United States	Original Filing	Granted	13314.695	12/8/2011	8,649,471	2/11/2014	Not Applicable	Not Applicable	
D-ACD-F228	2803.0413C	N/A	United States	Original Filing	Filed	147049.646	10/9/2013			2860551	4/9/2015	
D-ACD-F228 EP	2803.0413EP	N/A	Europe	Original Filing	Filed	1487378.6	10/1/2014			2930856	10/14/2015	
D-ACD-F229	2803.0414C	N/A	United States	Original Filing	Granted	15162165.5	4/1/2015	9,014,315	4/21/2015	Not Applicable	Not Applicable	
D-ACD-F229 EP	2803.0414EP	N/A	Europe	Original Filing	Filed	14725.616	3/26/2014			Not Applicable	Not Applicable	
D-ACD-F230	2803.0415C	N/A	United States	Original Filing	Granted	127803.455	6/28/2010	8,428,542	4/23/2013	2011-0319044	12/29/2011	
D-ACD-F233	2803.0391C	N/A	United States	Original Filing	Granted	13647.496	10/9/2012	8,781,429	7/15/2014	2014-0099908	4/10/2014	
D-ACD-F234	2809.0002C	N/A	United States	Original Filing	Filed	14879.584	10/9/2015			Not Applicable	Not Applicable	
D-ACD-F235	2803.0416C	N/A	United States	Original Filing	Granted	097731.836	12/8/2000	7,185,197	2/12/2007	2002-0104025	8/1/2002	
D-ACD-W021	0918.0011C	N/A	United States	Original Filing	Granted	60136160.1	12/8/2001	1244666	10/15/2008		9/25/2002	
D-ACD-W021 EP	2803.0141F	N/A	Europe	Original Filing	Granted							
Patent Ref. No.	ESP Ref. No.		Country	Relation Type	Status	Serial No	Filing Dt	Patent No.	Grant Date	Publication No.	Publ. Date	

D AES 0027	0918.0115M	N/A	United States	Reissue	Granted	10/230.104	8/29/2002	RE38,808	10/4/2005	Not Applicable	Not Applicable
D AES 0047	0918.0095C	N/A	United States	Original Filing	Granted	09/618.102	7/17/2000	6,996,080	2/7/2006	Not Applicable	Not Applicable
D AES 0051	0918.0091M	N/A	United States	Reissue	Granted	09/927.778	8/15/2001	RE39,017	3/14/2006	Not Applicable	Not Applicable
D AES 0061	0918.0208C	N/A	United States	Continuation	Granted	10/703.527	11/10/2003	7,129,003	10/31/2006	2004.0091783	5/13/2004
D AES 0061 G8	2800.0172F	N/A	Great Britain	Original Filing	Granted	212159.8	5/28/2002	23/6129	8/18/2004	23/6129	12/4/2002
D AES 0061 KR	2800.0166F	N/A	South Korea	Original Filing	Granted	2002.0029371	5/27/2002	10.0917286	9/11/2009	10,002,009898	12/5/2002
D AES 0069	0918.0210C	N/A	United States	Original Filing	Granted	09/972.874	10/10/2001	6,469,657	10/22/2002	Not Applicable	Not Applicable
D AES 0072	0918.0209C	N/A	United States	Original Filing	Granted	09/756.674	1/10/2001	6,437,741	8/20/2002	2002.0089449	7/11/2002
D AES 0075	0918.0205C	N/A	United States	Original Filing	Granted	10/088.622	3/18/2002	6,788,407	9/7/2004	Not Applicable	Not Applicable
D AES 0076	0918.0145C	N/A	United States	Original Filing	Granted	10/083.655	2/18/2002	7,035,245	4/25/2006	2002.0150068	10/17/2002
D AES 0077	0918.0153C	N/A	United States	Original Filing	Granted	10/084.614	2/18/2002	7,260,141	8/21/2007	2002.0154687	10/24/2002
D AES 0087	0918.0132C	N/A	United States	Original Filing	Granted	09/994.015	11/27/2001	7,068,704	6/27/2006	Not Applicable	Not Applicable
D AES 0097	0918.0228C	N/A	United States	Original Filing	Granted	10/407.943	4/7/2003	7,184,272	2/27/2007	Not Applicable	Not Applicable
D AES 0098	0918.0169C	N/A	United States	Original Filing	Granted	10/212.914	8/27/2002	7,236,923	6/26/2007	Not Applicable	Not Applicable
D AES 0103	0918.0184C	N/A	United States	Original Filing	Granted	10/252.110	9/23/2002	6,832,155	12/14/2004	2004.0225438	11/11/2004
D AES 0106	0918.0188C	N/A	United States	Original Filing	Granted	10/647.527	8/26/2003	7,245,833	7/17/2007	Not Applicable	Not Applicable
D AES 0108	0918.0233C	N/A	United States	Original Filing	Granted	10/670.305	9/26/2003	6,917,290	7/12/2005	2004.0075562	4/22/2004
D AES 0109	0918.0200C	N/A	United States	Original Filing	Granted	10/376.450	3/3/2003	7,121,696	5/22/2007	Not Applicable	Not Applicable
D AES 0111	0918.0216C	N/A	United States	Original Filing	Granted	10/670.306	9/26/2003	7,313,143	12/25/2007	Not Applicable	Not Applicable
D AES 0112	0918.0220C	N/A	United States	Original Filing	Granted	10/646.774	8/25/2003	6,961,677	11/1/2005	Not Applicable	Not Applicable
D AES 0113	0918.0232C	N/A	United States	Original Filing	Granted	10/633.448	8/7/2003	7,088,526	8/8/2006	2005.0030646	2/10/2005
D AES 0113 AU	2800.0232AU	N/A	Australia	Original Filing	Granted	2004265889	5/28/2004	2004265889	7/23/2009	2004265889	2/24/2005
D AES 0116	2800.0251C	N/A	United States	Original Filing	Granted	10/970.663	10/22/2004	7,531,273	5/12/2009	2005.0158626	7/21/2005
D AES 0116 G8	2800.0251UK	N/A	Great Britain	Original Filing	Granted	423698	10/25/2004	2413319	10/15/2008	2413319	10/26/2005
D AES 0116 G82	2800.0251UK2	N/A	Great Britain	Divisional	Granted	809356.9	10/25/2004	2446980	11/19/2008	2446980	8/27/2008
D AES 0116 JP	2800.0251JP	N/A	Japan	Original Filing	Granted	2004.318121	10/27/2004	4856867	11/4/2011	2005.132719	5/26/2005
D AES 0116 KR	2800.0251KR	N/A	South Korea	Original Filing	Granted	10.2004.0086449	10/27/2004	10.1251635	4/14/2011	10,005,0040117	5/3/2005
D AES 0117	0918.0255C	N/A	United States	Original Filing	Granted	10/778.085	2/17/2004	7,277,570	10/2/2007	2005.0058334	2/17/2004
D AES 0117 EP	2800.0255EP	N/A	Europe	Original Filing	Granted	60204010575.4	9/13/2004	1515132	1/2/2008	1515132	3/16/2005
D AES 0125	2800.0271C	N/A	United States	Original Filing	Granted	10/912.295	8/13/2004	7,490,537	2/17/2009	Not Applicable	Not Applicable
D AES 0126	0918.0272C1	N/A	United States	Original Filing	Granted	11/072.641	3/7/2005	7,239,463	7/3/2007	2005.0195505	9/8/2005
D AES 0126 JP	2800.0272JP	N/A	Japan	Original Filing	Granted	2007.502098	3/7/2005	4936554	3/2/2012	2007.528027	10/4/2007
D AES 0127 AU	2800.0281AU	N/A	Australia	Original Filing	Granted	11/129.423	8/16/2005	7,490,008	7/20/2009	2006.0195262	8/31/2006
D AES 0127 BR	2800.0281BR	201600509	Brazil	Original Filing	Filed	PI 0515452.9	8/10/2005	2,580,539	8/10/2005	2,580,539	4/6/2006
D AES 0127 CA	2800.0281CA	N/A	Canada	Original Filing	Granted	2,580,539	8/10/2005	2,580,539	8/2/2011	2,580,539	4/6/2006
D AES 0127 EP	2800.0281EP	N/A	Europe	Original Filing	Granted	5802543.8	8/10/2005	1792201	11/19/2008	1792201	6/6/2007
D AES 0127 JP	2800.0281JP	N/A	Japan	Original Filing	Granted	2007.532332	8/10/2005	4,789,216	7/29/2011	2008.513775	5/1/2008
D AES 0127 KR	2800.0281SK	N/A	South Korea	Original Filing	Granted	10.2007.7006314	8/10/2005	10.1209667	12/3/2012	10,007,0095105	6/11/2007
D AES 0128	0918.0285C	N/A	United States	Original Filing	Granted	11/064.290	2/24/2005	7,127,372	10/24/2006	2006.0190216	8/24/2006
D AES 0129	2800.0285EP	N/A	Europe	Original Filing	Granted	6733838.4	1/24/2006	1856505	11/21/2007	1856505	11/21/2007
D AES 0131	2800.0293C	N/A	United States	Original Filing	Granted	11/154.691	6/17/2006	7,954,359	6/7/2011	Not Applicable	Not Applicable
D AES 0131 EP	2800.0293EP	N/A	Europe	Original Filing	Granted	6851401.7	6/9/2006	1922665	8/10/2011	1922665	5/21/2008
D AES 0132	2800.0295C	N/A	United States	Original Filing	Granted	11/194.740	8/2/2005	7,587,141	9/8/2009	2007.0031150	2/8/2007
D AES 0132 CA	2800.0295CA	N/A	Canada	Original Filing	Granted	2,617.824	8/1/2006	2,617,824	5/14/2013	2,617,824	1/29/2009
D AES 0132 JP	2800.0295JP	N/A	Japan	Original Filing	Granted	2008.525103	8/1/2006	4,753,444	6/3/2011	2009.525103	2/8/2007
D AES 0133	0918.0296C	N/A	United States	Original Filing	Granted	11/729.819	3/30/2007	7,224,516	5/29/2007	2007.0030562	2/8/2007
D AES 0133 CA	2800.0296CA	N/A	Canada	Original Filing	Granted	2,616.094	7/24/2006	2,616,094	4/10/2012	2,616,094	2/15/2007
D AES 0133 EP	2800.0296EP	N/A	Europe	Original Filing	Granted	6800285.6	7/24/2006	1913664	6/5/2013	1913664	4/23/2008
D AES 0133 JP	2800.0296JP	N/A	Japan	Original Filing	Granted	2008.525013	8/2/2005	5039037	7/13/2012	2009.503894	1/29/2009
D AES 0136 CA	2800.0299CA	N/A	Canada	Original Filing	Granted	2,618.297	8/1/2006	2,618,297	1/17/2012	2,618,297	2/2/2007
D AES 0136 EP	2800.0299EP	N/A	Europe	Original Filing	Granted	6851629.3	8/1/2006	1952562	8/6/2008	1952562	8/6/2008
D AES 0136 JP	2800.0299JP	N/A	Japan	Original Filing	Granted	2008.540011	8/1/2006	4,729,004	4/22/2011	2009.540011	1/29/2009
D AES 0137	2800.0301C	N/A	United States	Original Filing	Granted	11/418.107	5/5/2006	7,583,378	9/1/2009	2009.0015829	1/15/2009
D AES 0137 AU	2800.0301AU	N/A	Australia	Original Filing	Granted	2007220811	2/23/2007	2007220811	1/13/2011	2007220811	9/7/2007
D AES 0137 JP	2800.0301JP	N/A	Japan	Original Filing	Granted	2008.556556	2/23/2007	5133656	12/14/2012	2009.539063	11/12/2009
D AES 0138	2800.0302C	N/A	United States	Original Filing	Granted	11/312.489	12/21/2005	7,584,521	9/8/2009	2007.0136978	6/21/2007

D AES 0138 AU	2800.0302AU	N/A	Original Filing	Granted	2006330763	11/29/2006	2006330763	7/22/2010	2006330763	7/5/2007	
D AES 0138 EP	2800.0302EU	N/A	Original Filing	Granted	6646391.8	11/29/2006	1965685	3/12/2014	1965685	11/29/2006	
D AES 0138 IN	2800.0302IN	201600558	Original Filing	Filed	2527/KOLNP/2008	11/29/2006			Net Applicable	Net Applicable	
D AES 0138 JP	2800.0302JP	N/A	Original Filing	Granted	2008-547674	11/29/2006	4964251	4/6/2012	2009-524437	6/4/2009	
D AES 0139 AU	2800.0300CA	N/A	Original Filing	Granted	12/055.385	3/26/2008	7,774,788	5/25/2010	2009-0245297	10/1/2009	
D AES 0139 CA	2800.0300CA	N/A	Original Filing	Granted	2009.000826	3/3/2009	2009200826	3/10/2011	2009200826	10/15/2009	
D AES 0139 EP	2800.0300EP	N/A	Original Filing	Granted	2,660,263	3/26/2009	2,660,263	7/16/2013	2660263	9/26/2009	
D AES 0139 JP	2800.0300JP	N/A	Original Filing	Granted	9153685.4	2/26/2009	2105789	5/30/2012	2105789	9/30/2009	
D AES 0140 AU	2800.0307CA	N/A	Original Filing	Granted	11/255.955	3/4/2009	5489491	3/7/2014	2009-237566	10/15/2009	
D AES 0140 CA	2800.0307CA	N/A	Original Filing	Granted	11/255.955	10/24/2005	7,136,205	11/14/2006	Net Applicable	Net Applicable	
D AES 0140 EP	2800.0307EP	N/A	Original Filing	Granted	6826536.2	10/24/2006	1949184	6/6/2012	1949184	7/30/2008	
D AES 0140 JP	2800.0307JP	N/A	Original Filing	Granted	2008-537867	10/24/2006	5103401	10/5/2012	2009-512906	3/26/2009	
D AES 0143 AU	2800.0303AU	N/A	Original Filing	Granted	11/315.098	12/23/2005	7,366,618	4/29/2008	2007-0150209	6/28/2007	
D AES 0143 JP	2800.0303JP	N/A	Original Filing	Granted	2006333453	11/22/2006	2006333453	1/6/2011	2006333453	7/12/2007	
D AES 0146 AU	2800.0308AU	N/A	Original Filing	Granted	11/336.860	1/23/2006	7,620,532	11/17/2009	2007-0174028	7/26/2007	
D AES 0146 CA	2800.0308AU	N/A	Original Filing	Granted	2007208110	1/18/2007	2007208110	11/11/2010	2007208110	8/2/2007	
D AES 0147 AU	2800.0309AU	N/A	Original Filing	Granted	11/336.885	1/23/2006	7,610,184	10/12/2009	2009-0254316	10/8/2009	
D AES 0147 JP	2800.0309JP	N/A	Original Filing	Granted	2007208111	1/18/2007	2007208111	11/25/2010	2007208111	8/2/2007	
D AES 0148 AU	2800.0310AU	N/A	Original Filing	Granted	2008-551527	1/18/2007	5280863	5/31/2013	2009-524161	6/25/2009	
D AES 0148 IN	2800.0310IN	201600561	Original Filing	Granted	11/336.859	1/23/2006	7,664,972	3/23/2010	2007-0174032	7/26/2007	
D AES 0148 JP	2800.0310JP	N/A	Original Filing	Filed	2007208112	1/18/2007	2007208112	10/24/2010	2007208112	8/2/2007	
D AES 0149 AU	2800.0312AU	N/A	Original Filing	Granted	2008-551528	1/18/2007	5280864	5/31/2013	2009-524162	6/25/2009	
D AES 0149 EP	2800.0312EP	N/A	Original Filing	Granted	11/336.858	1/23/2006	7,318,556	1/15/2008	2007-0145182	6/28/2007	
D AES 0149 IN	2800.0312IN	201600562	Original Filing	Filed	2760/KOLNP/2008	11/29/2006	1963185	1/22/2014	Net Applicable	Net Applicable	
D AES 0150 AU	2800.0313AU	N/A	Original Filing	Granted	11/392.827	3/30/2006	7,728,766	6/1/2010	2007-0232227	10/4/2007	
D AES 0150 CA	2800.0313CA	N/A	Original Filing	Granted	12/759.808	4/14/2010	8,130,140	3/6/2012	2010-0194630	8/5/2010	
D AES 0152 AU	2800.0324AU	N/A	Original Filing	Granted	2,648,029	3/21/2007	2,648,029	7/22/2014	2,648,029	10/18/2007	
D AES 0152 EP	2800.0324EP	N/A	Original Filing	Granted	11/693.817	3/30/2007	7,777,690	8/17/2010	2008-0238810	10/2/2008	
D AES 0152 JP	2800.0324JP	N/A	Original Filing	Granted	2008200921	2/27/2008	2008200921	9/30/2010	2008200921	10/16/2008	
D AES 0152 AU	2800.0324AU	201600563	Original Filing	Filed	81535.36.2	3/10/2008			1976062	10/1/2008	
D AES 0153 AU	2800.0326AU	N/A	Original Filing	Granted	11/860.037	9/24/2007	8,614,743	12/24/2013	2009-0079824	3/26/2009	
D AES 0153 CA	2800.0326CA	N/A	Original Filing	Granted	2008219348	9/15/2008	2008219348	9/15/2011	2008219348	4/9/2009	
D AES 0153 EP	2800.0326EP	N/A	Original Filing	Granted	2,639,527	9/16/2008	2,639,527	11/19/2013	2,639,527	3/24/2009	
D AES 0153 JP	2800.0326JP	201600565	Original Filing	Filed	8164819.8	9/22/2008			2040106	3/25/2009	
D AES 0154 AU	2800.0318AU	N/A	Original Filing	Granted	11/634.986	12/7/2006	8,086,396	12/27/2011	Net Applicable	Net Applicable	
D AES 0154 CA	2800.0318CA	N/A	Original Filing	Granted	13/116.095	5/26/2011	8,160,809	4/17/2012	2011-0224844	9/15/2011	
D AES 0155 AU	2800.0321AU	N/A	Original Filing	Granted	11/688.434	3/20/2007	7,796,251	9/14/2010	2007-0222981	9/27/2007	
D AES 0155 CA	2800.0321CA	N/A	Original Filing	Granted	2007350337	3/21/2007	2007350337	1/31/2011	2007350337	10/9/2008	
D AES 0155 EP	2800.0321EP	N/A	Original Filing	Granted	2,639,159	3/21/2007	2,639,159	5/22/2012	2,639,159	10/9/2008	
D AES 0155 JP	2800.0321JP	N/A	Original Filing	Granted	7868185.5	3/12/2007	2002228	7/9/2014	2002228	7/9/2014	
D AES 0156 AU	2800.0322AU	N/A	Original Filing	Granted	11/481.889	7/7/2006	7,665,663	2/23/2010	2008-0006694	1/10/2008	
D AES 0156 EP	2800.0322EP	N/A	Original Filing	Granted	2007345621	7/5/2007	2007345621	9/2/2010	2007345621	8/7/2008	
D AES 0156 JP	2800.0322JP	N/A	Original Filing	Granted	7872689	7/5/2007	2041667	9/3/2014	2041667	4/1/2009	
D AES 0158 AU	2800.0426AU	201600571	Original Filing	Filed	14/851.690	9/11/2015	7,511,809	3/31/2009	2008-0007728	1/10/2008	
D AES 0158 CA	2800.0426CA	N/A	Original Filing	Granted	2007269129	7/5/2007	2007269129	3/24/2011	2007269129	3/17/2016	
D AES 0158 EP	2800.0426EP	N/A	Original Filing	Filed	2,904,033	9/11/2015			2,904,033	3/11/2016	
D AES 0158 JP	2800.0426JP	N/A	Original Filing	Granted	7840351.6	7/5/2007	2044410	10/14/2015	2044410	4/8/2009	
D AES 0159 AU	2800.0323AU	N/A	Original Filing	Granted	2009-518625	7/5/2007	5346286	8/23/2013	2009-543072	12/3/2009	
D AES 0159 EP	2800.0323EP	N/A	Original Filing	Granted	11/734.026	4/11/2007	7,463,214	12/9/2008	2008-0238811	10/2/2008	
D AES 0160 AU	2800.0327AU	N/A	Original Filing	Granted	11/491.237	7/24/2006	7,245,423	7/17/2007	Net Applicable	Net Applicable	

D AES 0160 AU	2800.0327AU	N/A	Original Filing	Granted	2007276911	7/11/2007	2007276911	2/10/2011	2007276911	1/31/2008
D AES 0160 JP	2800.0327JP	N/A	Original Filing	Granted	2009 521892	1/23/2009	5188500	2/1/2013	2009 545170	12/17/2009
D AES 0162	0918.0331C	N/A	Original Filing	Granted	11/516,545	9/7/2006	7,383,129	6/3/2008	Not Applicable	Not Applicable
D AES 0163	2800.0330C	N/A	Original Filing	Granted	11/951,679	12/6/2007	8,374,832	2/12/2013	Not Applicable	Not Applicable
D AES 0165	2800.0333C	N/A	Original Filing	Granted	11/481,884	7/7/2006	8,004,855	8/23/2011	2008 0007928	1/10/2008
D AES 0165 AU	2800.0333AU	N/A	Original Filing	Granted	2007347778	7/5/2006	2007347778	2/3/2011	2007347778	9/4/2008
D AES 0166	0918.0335C	N/A	Original Filing	Granted	11/586,497	10/26/2006	7,333,190	2/19/2008	Not Applicable	Not Applicable
D AES 0169	2800.0338C	N/A	Original Filing	Granted	12/359,589	1/26/2009	8,306,780	11/6/2012	2010 0191506	7/29/2010
D AES 0169 AU	2800.0338AU	N/A	Original Filing	Granted	2010200109	1/13/2010	2010200109	9/15/2011	2010200109	8/12/2010
D AES 0169 CA	2800.0338CA	N/A	Original Filing	Granted	2,690,256	1/14/2010	2,690,256	10/22/2013	2,690,256	7/26/2010
D AES 0169 EP	2800.0338EP	201600641	Original Filing	Filed	10150902.4	1/15/2010		2211166	7/28/2010	
D AES 0169 JP	2800.0338JP		Original Filing	Granted	2010.013526	1/25/2010	5604120	8/29/2014	2011 149914	8/4/2011
D AES 0170	2800.0339C	N/A	Original Filing	Granted	11/614,676	12/21/2006	7,636,154	12/22/2009	Not Applicable	Not Applicable
D AES 0171	0918.0340C	N/A	Original Filing	Granted	11/580,051	10/13/2006	7,359,040	4/15/2008	Not Applicable	Not Applicable
D AES 0172	2800.0341C	N/A	Original Filing	Granted	11/526,670	9/26/2006	7,545,490	6/9/2009	Not Applicable	Not Applicable
D AES 0173	2800.0342C	N/A	Original Filing	Granted	11/862,803	9/27/2007	7,502,693	3/10/2009	Not Applicable	Not Applicable
D AES 0174	2800.0348C	N/A	Original Filing	Granted	11/838,938	8/15/2007	8,373,962	2/12/2013	2012 0123181	5/17/2012
D AES 0174 AU	2800.0348AU	N/A	Original Filing	Granted	2007285894	8/16/2007	2007285894	1/20/2011	2007285894	2/21/2008
D AES 0174 CA	2800.0348CA	N/A	Original Filing	Granted	2,661,199	8/16/2007	2,661,199	10/18/2011	2,661,199	2/21/2008
D AES 0174 JP	2800.0348JP	N/A	Original Filing	Granted	2009 524800	3/14/2007	5031837	7/6/2012	2010 512982	4/30/2010
D AES 0177	2800.0349C	N/A	Original Filing	Granted	11/686,170	8/16/2007	8,751,209	6/10/2014	2010 0268519	10/21/2010
D AES 0177 CA	2800.0349AU	N/A	Original Filing	Granted	200836604	1/31/2008	200836604	12/15/2011	200836604	10/16/2008
D AES 0177 EP	2800.0349EP	201600642	Original Filing	Filed	2,679,716	1/31/2008			2,679,716	10/16/2008
D AES 0177 JP	2800.0349JP	201600643	Original Filing	Filed	8780395.4	1/31/2008			2126560	12/2/2009
D AES 0178	2800.0350C	N/A	Original Filing	Granted	2009 553661	1/31/2008	5385797	10/11/2013	2010 536072	11/25/2010
D AES 018 CA	2800.0350CA	N/A	Original Filing	Granted	11/736,042	4/17/2007	7,739,034	6/15/2010	2008 0262718	10/23/2008
D AES 0178 EP	2800.0350EP	N/A	Original Filing	Granted	2,628,657	4/8/2008	2,628,657	7/16/2013	2,628,657	10/17/2008
D AES 0178 JP	2800.0350JP	N/A	Original Filing	Granted	8153415.8	3/27/2008	1983397	12/12/2012	1983397	10/22/2008
D AES 0179	2800.0354C	N/A	Original Filing	Granted	2008 105165	4/14/2008	5543696	5/16/2014	2008 268204	11/6/2008
D AES 0179 IN	2800.0354CN	N/A	Original Filing	Granted	11/928,267	10/30/2007	7,956,795	6/7/2012	2009 0111465	4/30/2009
D AES 0179	2800.0354CON	N/A	Continuation	Granted	13/110,453	5/18/2011	8,169,357	5/1/2012	2011 0227780	9/22/2011
D AES 0179 AU	2800.0354AU	N/A	Original Filing	Granted	2008229946	10/15/2008	2008229946	7/7/2011	2008229946	5/14/2009
D AES 0179 CA	2800.0354CA	N/A	Original Filing	Granted	2,641,279	10/17/2008	2,641,279	3/13/2012	2,641,279	4/30/2009
D AES 0179 CN	2800.0354CN	N/A	Original Filing	Granted	200810174872	11/10/2008	2120081014872	3/12/2014	101739846	6/16/2010
D AES 0179 EP	2800.0354EP	N/A	Original Filing	Granted	8166940	10/17/2008	2056272	1/7/2015	2056272	5/23/2012
D AES 0179 IN	2800.0354IN	201600644	Original Filing	Filed	1966/KOI/2008	11/6/2008			Not Applicable	Not Applicable
D AES 0179 MX	2800.0354MX	N/A	Original Filing	Granted	MX/a/2008/013913	10/30/2008	287081	5/31/2011	2008013913	5/12/2009
D AES 0180	2800.0356C	N/A	Continuation-In-Part	Granted	11/841,305	8/20/2007	7,642,978	1/5/2010	2008 0291101	11/17/2008
D AES 0180 AU	2800.0356AU	N/A	Original Filing	Granted	2008207402	8/19/2008	2008207402	8/25/2011	2008207402	3/12/2009
D AES 0180 CA	2800.0356CA	201600645	Original Filing	Granted	2,638,845	8/18/2008	2,638,845	4/12/2016	2,638,845	2/20/2009
D AES 0180 EP	2800.0356EP	201600646	Original Filing	Filed	8162549.3	8/18/2008			2028524	2/25/2009
D AES 0180 JP	2800.0356JP	N/A	Original Filing	Granted	2008 211208	8/19/2008	5324861	7/26/2013	2009 050005	3/5/2009
D AES 0181	2800.0357C	N/A	Original Filing	Granted	11/847,602	8/30/2007	8,463,556	6/11/2013	2010 0137148	6/3/2010
D AES 0181 AU	2800.0357AU	N/A	Original Filing	Granted	2008207403	8/19/2008	2008207403	6/23/2011	2008207403	3/19/2009
D AES 0181 CA	2800.0357CA	N/A	Original Filing	Granted	2,639,044	8/22/2008	2,639,044	4/21/2015	2,639,044	2/28/2009
D AES 0181 EP	2800.0357EP	N/A	Original Filing	Granted	8163023.8	8/27/2008	2031380	4/29/2015	2031380	4/3/2009
D AES 0181 JP	2800.0357JP	N/A	Original Filing	Granted	2008 220550	8/28/2008	5586131	8/1/2014	2010 054387	3/11/2010
D AES 0182	2800.0358C	N/A	Original Filing	Granted	11/763,763	6/15/2007	7,538,724	5/26/2009	Not Applicable	Not Applicable
D AES 0182 AU	2800.0358AU	N/A	Original Filing	Granted	2008202594	6/11/2008	2008202594	1/6/2011	2008202594	1/8/2009
D AES 0182 IN	2800.0358IN	201600648	Original Filing	Filed	1015/KOI/2008	6/11/2008			Not Applicable	Not Applicable
D AES 0182 JP	2800.0358JP	N/A	Original Filing	Granted	2008 154734	6/12/2008	5430882	12/13/2014	2009 154734	1/22/2009
D AES 0183	2800.0359C	N/A	Original Filing	Granted	11/779,935	7/19/2007	8,051,124	11/1/2011	2009 0024685	1/22/2009
D AES 0183 AU	2800.0359AU	N/A	Original Filing	Granted	2008202591	6/11/2008	2008202591	1/6/2011	2008202591	2/5/2009
D AES 0183 EP	2800.0359EP	N/A	Original Filing	Granted	8159750.2	7/14/2008	2017743	12/12/2012	2017743	12/12/2012
D AES 0183 IN	2800.0359IN	201600649	Original Filing	Filed	1197/KOI/2008	7/19/2008			Not Applicable	Not Applicable
D AES 0183 JP	2800.0359JP	N/A	Original Filing	Granted	2008 1194002	7/12/2008	5408913	11/15/2013	2009 026308	2/5/2009
D AES 0184	2800.0364C	N/A	Original Filing	Granted	11/948,182	11/30/2007	8,045,752	10/25/2011	2009 0141928	6/4/2009
D AES 0184 AU	2800.0364AU	N/A	Original Filing	Granted	2008246223	11/17/2008	2008246223	5/5/2011	2008246223	6/18/2009
D AES 0184 GB	2800.0364UK	N/A	Original Filing	Granted	821416.5	11/24/2008	2455190	8/1/2012	2,455,190	6/3/2009
D AES 0184 NZ	2800.0364NZ	N/A	Original Filing	Granted	573169	11/27/2008	573169	7/8/2010	1569	3/26/2010

D AES 0185	2800.0365C	N/A	United States	Original Filing	Granted	12/23/893	9/23/2008	8.159,662	4/17/2012	2010-027723	11/4/2010	
D AES 0185 AU	2800.0365AU	N/A	Australia	Original Filing	Granted	2008230034	10/21/2008	2008230034	6/16/2011	2008230034	5/14/2009	
D AES 0185 CA	2800.0365CA	201600650	Canada	Original Filing	Filed	2,641,229	10/17/2008			2,641,229	4/24/2009	
D AES 0185 EP	2800.0365EP	N/A	Europe	Original Filing	Granted	816370.9	10/23/2008	2,053,384	10/10/2012	2053384	9/24/2009	
D AES 0187	2800.0366C	N/A	United States	Original Filing	Granted	12/050,590	3/18/2008	7,760,352	7/20/2010	2009-0237648	9/24/2009	
D AES 0187 AU	2800.0366AU	N/A	Australia	Original Filing	Granted	2009200825	3/3/2009	2009200825	5/12/2011	2009200825	10/8/2009	
D AES 0187 CA	2800.0366CA	201600651	Canada	Original Filing	Filed	2,658,206	3/12/2009			2,658,206	9/18/2009	
D AES 0187 EP	2800.0366EP	201600652	Europe	Original Filing	Filed	915,430.3	3/4/2009			2103926	9/23/2009	
D AES 0187 JP	2800.0366JP	N/A	Japan	Original Filing	Granted	2009.51311	3/4/2009	53,77005	10/4/2013	2009-222713	10/12/2009	
D AES 0188	2800.0369C	N/A	United States	Original Filing	Granted	12/138,550	6/13/2008	8,056,953	11/5/2011	2009-0308022	12/17/2009	
D AES 0188 AU	2800.0369AU	N/A	Australia	Original Filing	Granted	2009202298	6/10/2009	2009202298	1/5/2012	2009202298	11/7/2010	
D AES 0188 CA	2800.0369CA	N/A	Canada	Original Filing	Granted	2,668,143	6/3/2009	2,668,143	8/7/2012	2,668,143	12/13/2009	
D AES 0188 EP	2800.0369EP	REJECTED	Europe	Original Filing	RECEIVED	9163364.5	6/10/2009	2141070	5/23/2013	2141070	1/6/2010	
D AES 0188 JP	2800.0369JP	N/A	Japan	Original Filing	Granted	2009-140979	6/12/2009	5254133	4/26/2012	2009-298148	12/24/2009	
D AES 0189	2800.0374C	N/A	United States	Original Filing	Granted	12/210,457	9/15/2008	8,240,941	8/14/2012	2010-0067980	3/18/2010	
D AES 0189 AU	2800.0374AU	N/A	Australia	Original Filing	Granted	2009213002	9/8/2009	2009213002	1/19/2012	2009213002	4/1/2010	
D AES 0189 CA	2800.0374CA	N/A	Canada	Original Filing	Granted	2,678,435	9/11/2009	2,678,435	2/4/2014	2,678,435	3/15/2010	
D AES 0189 EP	2800.0374EP	N/A	Europe	Original Filing	Granted	9169959.5	9/10/2009	2,163,930	11/7/2012	2163930	3/17/2010	
D AES 0189 JP	2800.0374JP	N/A	Japan	Original Filing	Granted	2009.212542	9/14/2009	5367515	9/20/2013	2010-066771	3/25/2010	
D AES 0190	2800.0372C	N/A	United States	Original Filing	Granted	12/125,961	5/23/2008	7,933,013	4/26/2011	2009-0290142	11/26/2009	
D AES 0190 AU	2800.0372AU	N/A	Australia	Original Filing	Granted	2009201809	5/6/2009	2009201809	8/4/2011	2009201809	12/10/2009	
D AES 0190 CA	2800.0372CA	N/A	Canada	Original Filing	Granted	2,665,935	5/13/2009	2,665,935	3/29/2016	2,665,935	11/23/2009	
D AES 0190 EP	2800.0372EP	201600656	Europe	Original Filing	Filed	9159071.1	4/29/2009			213689	12/16/2009	
D AES 0191	2800.0375C	N/A	United States	Original Filing	Granted	12/106,385	4/21/2008	9256713	2/9/2016	2009-0265386	10/22/2009	
D AES 0191 AU	2800.0375AU	N/A	Australia	Original Filing	Granted	2009201281	4/2/2009	2009201281	8/4/2011	2009201281	11/5/2009	
D AES 0191 CA	2800.0375CA	201600657	Canada	Original Filing	Filed	2,663,364	4/20/2009			2,663,364	10/21/2009	
D AES 0191 EP	2800.0375EP	201600658	Europe	Original Filing	Filed	9157904.5	4/15/2009			212879	2/12/2009	
D AES 0192	2800.0368C	N/A	United States	Original Filing	Granted	12/059,277	3/31/2008	8,000,373	8/16/2011	2009-0129413	5/21/2009	
D AES 0192 AU	2800.0368AU	N/A	Australia	Original Filing	Granted	2008243068	11/3/2008	2008243068	12/23/2010	2008243068	6/4/2009	
D AES 0192 CA	2800.0368CA	N/A	Canada	Original Filing	Granted	2,643,955	11/13/2008	2,643,955	12/31/2013	2,643,955	5/20/2009	
D AES 0192 EP	2800.0368EP	201600659	Europe	Original Filing	Filed	8169507.4	11/20/2008			2065989	6/3/2009	
D AES 0192 JP	2800.0368JP	N/A	Japan	Original Filing	Granted	2008-292838	11/14/2008	5363787	9/13/2013	2009-130356	6/11/2009	
D AES 0192 MX	2800.0368MX	N/A	Mexico	Original Filing	Granted	MX/s/2008/014704	11/19/2008	284613	3/9/2012	2008014704	5/27/2009	
D AES 0193	2800.0379C	N/A	United States	Original Filing	Granted	12/329,045	12/15/2008	7829345	11/9/2010	Not Applicable	Not Applicable	
D AES 0194	2800.0383C	N/A	United States	Original Filing	Granted	12/434,899	5/4/2009	8296063	10/23/2012	Not Applicable	Not Applicable	
D AES 0195	2800.0386C	N/A	United States	Original Filing	Granted	12/328,065	12/4/2008	8054070	11/8/2011	Not Applicable	Not Applicable	
D AES 0196	2800.0387C	N/A	United States	Original Filing	Granted	12/504,766	7/17/2009	8381290	2/19/2013	2011-0016522	1/20/2011	
D AES 0196 AU	2800.0387AU	N/A	Australia	Original Filing	Granted	2010203051	7/19/2010	2010203051	4/26/2012	2010203051	2/3/2011	
D AES 0196 CA	2800.0387CA	N/A	Canada	Original Filing	Granted	2,710,614	7/19/2010	2710614	3/4/2014	2710614	1/17/2011	
D AES 0196 EP	2800.0387EP	N/A	Europe	Original Filing	Granted	10170010.2	7/19/2010	2284752	4/13/2016	2284752	2/16/2011	
D AES 0196 JP	2800.0387JP	N/A	Japan	Original Filing	Granted	2010-163434	7/20/2010	4971485	4/13/2012	2011-023008	2/3/2011	
D AES 0197	2800.0390C	N/A	United States	Original Filing	Granted	12/509,521	7/27/2009	9195808	11/24/2015	Not Applicable	Not Applicable	
D AES 0198	2800.0391C	N/A	United States	Original Filing	Granted	12/506,494	7/21/2009	9069751	6/30/2015	Not Applicable	Not Applicable	
D AES 0201	2800.0394C	N/A	United States	Original Filing	Granted	12/479,311	6/5/2009	8259381	9/4/2012	2010-0309539	12/9/2010	
D AES 0201 AU	2800.0394AU	N/A	Australia	Original Filing	Granted	2010257063	4/28/2010	2010257063	10/16/2014	2010257063	12/9/2010	
D AES 0201 EP	2800.0394EP	201600660	Europe	Original Filing	Filed	10783757.2	4/28/2010			2438477	4/11/2012	
D AES 0202	2800.0395C	N/A	United States	Original Filing	Granted	12/547,793	8/26/2009	9052710	6/9/2015	Not Applicable	Not Applicable	
D AES 0208	2800.0401C	N/A	United States	Original Filing	Granted	12/562,035	9/17/2009	8365634	2/5/2013	2011-0061963	3/17/2011	
D AES 0208 AU	2800.0401AU	N/A	Australia	Original Filing	Granted	2010214789	9/3/2010	2010214789	10/23/2014	2010214789	3/31/2011	
D AES 0208 CA	2800.0401CA	201600661	Canada	Original Filing	Filed	2,714,922	9/15/2010			2,714,922	3/17/2011	
D AES 0208 EP	2800.0401EP	N/A	Europe	Original Filing	Granted	10176320.9	9/13/2010	2298621	9/2/2015	2298621	3/23/2011	
D AES 0208 JP	2800.0401JP	N/A	Japan	Original Filing	Granted	2010-208655	9/16/2010	5635851	10/24/2014	2011-079515	4/21/2011	
D AES 0210	2800.0403C	N/A	United States	Original Filing	Granted	12/638,231	12/15/2009	8,054,462	11/8/2011	2011-0063611	3/17/2011	
D AES 0211	2800.0404C	N/A	United States	Original Filing	Granted	12/772,048	2/24/2010	8,586,371	11/19/2013	2011-0205542	8/25/2011	
D AES 0211 AU	2800.0404AU	N/A	Australia	Original Filing	Granted	2011200702	2/18/2011	2011200702	9/18/2014	2011200702	6/21/2012	
D AES 0211 CA	2800.0404CA	201600662	Canada	Original Filing	Filed	2,732,808	2/24/2011			2,732,808	8/24/2011	
D AES 0211 EP	2800.0404EP	201600663	Europe	Original Filing	Filed	11155023.2	2/18/2011			2371761	10/5/2011	
D AES 0211 JP	2800.0404JP	N/A	Japan	Original Filing	Granted	2011-38665	2/24/2011	5,675,426	1/9/2015	2011-174928	9/8/2011	
D AES 0213	2800.0406C	N/A	United States	Original Filing	Granted	12/826,745	6/30/2010	8,922,560	12/30/2014	2012-0001916	1/5/2012	
D AES 0213 AU	2800.0406AU	N/A	Australia	Original Filing	Granted	2011202731	6/8/2011	2011202731	1/2/2014	2011202731	1/19/2012	

D AES 0213 CA	2800.0406CA	N/A	Canada	Original Filing	Granted	2,742,368	6/6/2011	2,742,368	5/26/2015	2742368	12/30/2011	
D AES 0213 EP	2800.0406EP		Europe	Original Filing	Filed	11169770.2	6/14/2011			2402876	10/9/2013	
D AES 0213 JP	2800.0406JP	N/A	Japan	Original Filing	Granted	2011-144919	6/29/2011	5,561,787	6/20/2014	2012-144698	11/29/2012	
D AES 0214	2800.0407C	N/A	United States	Original Filing	Granted	12/821,758	6/23/2010	8,832,774	9/9/2014	2011-0321159	12/29/2011	
D AES 0214 AU	2800.0407AU	N/A	Australia	Original Filing	Granted	2011202734	6/8/2011	2011202734	1/9/2014	2011202734	6/8/2012	
D AES 0214 CA	2800.0407CA	N/A	Canada	Original Filing	Granted	2,741,809	5/31/2011	2,741,809	2/2/2016	2741809	12/23/2011	
D AES 0214 EP	2800.0407EP		Europe	Original Filing	Filed	11167556.7	5/26/2011			2400428	12/28/2011	
D AES 0214 JP	2800.0407JP	N/A	Japan	Original Filing	Granted	2011-137746	6/21/2011	5,852,340	12/11/2015	2012-9026	11/12/2012	
D AES 0215	2800.0408C	N/A	United States	Original Filing	Granted	12/825,532	6/29/2010	8,645,866	2/4/2014	2011-0320477	12/29/2011	
D AES 0215 AU	2800.0408AU	N/A	Australia	Original Filing	Granted	2011204871	7/20/2011	2011204871	10/31/2013	2011204871	1/19/2012	
D AES 0215 CA	2800.0408CA	N/A	Canada	Original Filing	Granted	2,746,836	7/19/2011	2,746,836	2/10/2015	2746836	1/19/2013	
D AES 0215 EP	2800.0408EP		Europe	Original Filing	Filed	11174672.3	7/20/2011			2402856	1/4/2012	
D AES 0215 JP	2800.0408JP	N/A	Japan	Original Filing	Granted	2011-158405	7/19/2011	5,430,618	12/13/2013	2013-25495	2/4/2013	
D AES 0216 AU	2800.0409AU	N/A	Australia	Original Filing	Granted	2011202736	6/8/2011	2011202736	12/12/2013	2011202736	1/19/2012	
D AES 0216 EP	2800.0409EP		Europe	Original Filing	Filed	11167557.5	5/26/2011			2400429	12/28/2011	
D AES 0216 JP	2800.0409JP	20160067	Japan	Original Filing	Filed	2011-137746	6/23/2011			2012-9027	11/12/2012	
D AES 0217	2800.0410C	N/A	United States	Original Filing	Granted	12/818,710	6/18/2010	8,655,189	2/18/2014	2011-0311234	12/22/2011	
D AES 0217 AU	2800.0410AU	N/A	Australia	Original Filing	Granted	2011202753	6/9/2011	2011202753	9/25/2014	2011202753	1/19/2012	
D AES 0217 CA	2800.0410CA	N/A	Canada	Original Filing	Granted	2,743,069	6/10/2011	2,743,069	3/17/2015	2,743,069	12/18/2011	
D AES 0217 EP	2800.0410EP		Europe	Original Filing	Filed	11168076.5	5/30/2011			2297895	12/21/2011	
D AES 0217 JP	2800.0410JP	N/A	Japan	Original Filing	Granted	2011-135746	6/17/2011	5,677,692	1/9/2015	2012-3265	1/5/2012	
D AES 0218	2800.0411C	N/A	United States	Original Filing	Granted	12/775,922	5/7/2010	8,315,525	11/20/2012	2011-0274432	11/10/2011	
D AES 0218 AU	2800.0411AU	N/A	Australia	Original Filing	Granted	2011201987	5/2/2011	2011201987	11/7/2013	2011201987	11/24/2011	
D AES 0218 CA	2800.0411CA	N/A	Canada	Original Filing	Granted	2,737,174	4/13/2011	2,737,174	10/28/2014	2,737,174	11/7/2011	
D AES 0218 EP	2800.0411EP	N/A	Europe	Original Filing	Granted	11162398.9	4/14/2011	2,385,636	10/24/2012	238656	11/9/2011	
D AES 0218 JP	2800.0411JP	N/A	Japan	Original Filing	Granted	2011-9871	4/26/2011	5,771,438	7/3/2015	2011-339385	11/24/2011	
D AES 0219	2800.0412C	N/A	United States	Original Filing	Granted	12/776,941	5/10/2010	8,295,706	10/23/2012	2011-0274434	11/10/2011	
D AES 0219 AU	2800.0412AU	N/A	Australia	Original Filing	Granted	2011201986	5/2/2011	2011201986	10/24/2013	2011201986	11/24/2011	
D AES 0219 CA	2800.0412CA	N/A	Canada	Original Filing	Granted	2,737,810	4/20/2011	2,737,810	12/30/2014	2,737,810	11/10/2011	
D AES 0219 EP	2800.0412EP	N/A	Europe	Original Filing	Granted	11162399.7	4/16/2011	2,387,167	11/12/2014	2387167	11/16/2011	
D AES 0219 JP	2800.0412JP	N/A	Japan	Original Filing	Granted	2011-97665	4/25/2011	5,802,425	9/4/2015	2011-339380	11/24/2011	
D AES 0221	2800.0414C	N/A	United States	Original Filing	Granted	13/150,757	6/1/2011	8,665,433	3/4/2014	2012-0044478	2/23/2012	
D AES 0221 CA	2800.0414CA		Canada	Original Filing	Filed	2,749,473	8/9/2011			2,749,473	2/17/2012	
D AES 0221 EP	2800.0414EP	20160067	Europe	Original Filing	Filed	1117529.2	8/15/2011	5,885,964	2/19/2016	2420823	2/22/2012	
D AES 0221 JP	2800.0414JP	N/A	Japan	Original Filing	Granted	2011-18105	8/16/2011			2012-42471	3/1/2012	
D AES 0222	2800.0415C	N/A	United States	Original Filing	Granted	13/080,229	4/5/2011	8,559,971	10/15/2013	Not Applicable	Not Applicable	
D AES 0222	2800.0415DIV	N/A	United States	Divisional	Granted	14/029,309	9/17/2013	9,201,135	12/1/2015	Not Applicable	Not Applicable	
D AES 0223	2800.0416C	N/A	United States	Original Filing	Granted	13/087,809	4/15/2011	8,791,861	7/29/2014	2012-0262339	10/18/2012	
D AES 0223	2800.0416DIV	N/A	United States	Divisional	Granted	14/310,013	6/20/2014	9,255,804	2/9/2016	2014-0302775	10/9/2014	
D AES 0223 AU	2800.0416AU	N/A	Australia	Original Filing	Granted	2012202037	4/10/2012	2012202037	3/6/2014	2012202037	11/1/2012	
D AES 0223 CA	2800.0416CA	N/A	Canada	Original Filing	Granted	2,773,361	4/3/2012	2,773,361	12/8/2015	2,773,361	10/15/2012	
D AES 0223 EP	2800.0416EP	20160067	Europe	Original Filing	Filed	12163876.1	4/12/2012			2511730	10/17/2012	
D AES 0223 JP	2800.0416JP	20160067	Japan	Original Filing	Filed	2012-92272	4/13/2012			2012-225915	11/15/2012	
D AES 0229 D1	2800.0418DIV	N/A	United States	Divisional	Granted	12/360,702	1/27/2009	7,889,133	2/15/2011	2009-0140925	6/4/2009	
D AES 0240	2800.0419CIP	N/A	United States	Continuation-in-Part	Granted	11/031,457	1/17/2005	7,908,077	3/15/2011	2005-0182557	8/18/2005	
D AES 0242	2800.0420C	N/A	United States	Original Filing	Granted	13/050,589	3/17/2011	8,730,566	5/20/2012	2012-0236395	9/20/2012	
D AES 0242 AU	2800.0420AU	N/A	Australia	Original Filing	Granted	2012201280	3/2/2012	2012201280	2/27/2014	2012201280	10/4/2012	
D AES 0242 CA	2800.0420CA	N/A	Canada	Original Filing	Granted	2,770,787	3/9/2012	2,770,787	9/15/2015	2,770,787	9/17/2012	
D AES 0242 EP	2800.0420EP	N/A	Japan	Original Filing	Granted	2012-60361	3/16/2012	5,669,217	12/26/2014	2012-194555	10/11/2012	
D AES 0243	2800.0422C	N/A	United States	Original Filing	Granted	13/053,664	3/22/2011	8,576,382	11/5/2013	2012-0242974	9/27/2012	
D AES 0243 AU	2800.0422AU	N/A	Australia	Original Filing	Granted	2012201431	3/9/2012	2012201431	1/16/2014	2012201431	10/11/2012	
D AES 0243 CA	2800.0422CA	20160067	Canada	Original Filing	Filed	2,770,788	3/9/2012			2,770,788	9/22/2012	
D AES 0244	2800.0423C	N/A	United States	Original Filing	Granted	13/633,959	10/3/2012	9,031,602	5/12/2015	2014-009417	4/3/2014	
D AES 0244 AU	2800.0423AU	N/A	Australia	Original Filing	Granted	2013231208	9/25/2013	2013231208	10/1/2015	2013231208	4/7/2014	
D AES 0244 CA	2800.0423CA	N/A	Canada	Original Filing	Granted	2,825,133	8/28/2013	2,825,133	3/29/2016	2,825,133	4/3/2014	
D AES 0244 EP	2800.0423EP	20160067	Europe	Original Filing	Filed	13184235.3	9/13/2013			271494	4/9/2014	
D AES 0244 JP	2800.0423JP	20160067	Japan	Original Filing	Filed	2013-199708	9/26/2013			2014-75788	4/24/2014	
D AES 0245	2800.0424C	20160057	United States	Original Filing	Filed	13/840,050	3/15/2013			2014-0278182	9/18/2014	
D AES 0245 AU	2800.0424AU	N/A	Australia	Original Filing	Granted	2014201330	3/10/2014	2014201330	10/22/2015	2014201330	10/2/2014	
D AES 0245 CA	2800.0424CA	20160067	Canada	Original Filing	Filed	2,845,344	3/10/2014			2,845,344	9/15/2014	

D AES-0245 EP	2800.0424EP	20160679	Europe	Original Filing	Filed	14159109.9	3/12/2014		2778604	9/17/2014	
D AES-0246	2800.0425C	20160073	United States	Original Filing	Filed	14199.372	3/6/2014		Not Applicable	Not Applicable	
D AES-0259	2800.0427C	20160074	United States	Original Filing	Filed	14640.499	3/6/2015		Not Applicable	Not Applicable	
D AES-0260	2800.0428C	20160075	United States	Original Filing	Filed	14800.204	7/15/2015		Not Applicable	Not Applicable	
D AES-0262	2800.0430C	20160076	United States	Original Filing	Filed	14850.461	9/10/2015		Not Applicable	Not Applicable	
Patents Ref No.	ESP Ref No.		Country	Relaction Type	Status	Serial No.	Filing Dk	Patent Number	Grant Date	Publication No.	Pub. Date
D AV-0113	0918.0005C	N/A	United States	Original Filing	Granted	09198.110	11/23/1998	6,133,888	10/17/2000	Not Applicable	Not Applicable
D AV-0114	0918.0017C	N/A	United States	Original Filing	Granted	09326.357	6/4/1999	6,061,022	5/9/2000	Not Applicable	Not Applicable
D AV-0115	0918.0045C	N/A	United States	Original Filing	Granted	09711.168	11/13/2000	6,911,937	6/28/2005	Not Applicable	Not Applicable
Patents Ref No.	ESP Ref No.		Country	Relaction Type	Status	Serial No.	Filing Dk	Patent Number	Grant Date	Publication No.	Pub. Date
D EOP-0220	0918.0081C	N/A	United States	Original Filing	Granted	08907.662	8/8/1997	6,325,390	12/4/2001	Not Applicable	Not Applicable
D EOP-0246	0918.0057C	N/A	United States	Original Filing	Granted	09636.219	8/10/2000	6,486,592	11/26/2002	Not Applicable	Not Applicable
D EOP-0254	0918.0089C	N/A	United States	Original Filing	Granted	09847.293	5/3/2001	6,637,144	10/28/2003	2002.0162267	11/7/2002
D EOP-0254	0918.0257C	N/A	United States	Divisional	Granted	10671.630	9/29/2003	6,931,778	8/23/2005	Not Applicable	Not Applicable
D EOP-0255	0918.0060C	N/A	United States	Original Filing	Granted	09908.572	7/20/2001	6,667,472	12/23/2003	2003.0015648	1/23/2003
D EOP-0256	0918.0063C	N/A	United States	Original Filing	Granted	09794.248	2/28/2001	6,856,476	2/15/2005	2002.0118469	8/29/2002
D EOP-0257	0918.0092C	N/A	United States	Original Filing	Granted	09963.459	9/27/2001	6,687,053	2/3/2004	Not Applicable	Not Applicable
D EOP-0257	0918.0264C	N/A	United States	Divisional	Granted	10754.714	1/12/2004	6,788,459	9/7/2004	2004.0141233	7/22/2004
D EOP-0259 AU	0918.0211AU	N/A	Australia	Original Filing	Granted	10024.140	12/21/2001	6,560,029	5/6/2003	Not Applicable	Not Applicable
D EOP-0259 IL	0918.0211ISR	N/A	Israel	Original Filing	Granted	2002359759	12/20/2002	2002359759	6/15/2006	2002359759	7/30/2003
D EOP-0266	0918.0146C	N/A	United States	Original Filing	Granted	10116.035	12/20/2002	162523	10/1/2011	162523	6/30/2011
D EOP-0384 FR	2807.0001FR	201600581	United States	Original Filing	Filed	13665.015	4/5/2002	6,662,370	12/16/2003	Not Applicable	Not Applicable
D EOP-0385	2807.0002C	N/A	United States	Original Filing	Granted	13605.93	10/30/2013	9,129,429	9/8/2015	2997549	5/2/2014
D EOP-0385 AU	2807.0002AU	201600583	United States	Continuation	Filed	13837.902	3/15/2013	14,830,407	8/19/2015	2014.0111544	4/24/2014
D EOP-0385 IL	2807.0002CON	201600585	United States	Original Filing	Filed	13849.487.7	10/24/2013	2013334573	12/10/2015	2015.0356790	12/10/2015
D EOP-0391 EP	2807.0004EP	201700010	Europe	Original Filing	Filed	13668.419	11/5/2012	2912577	9/2/2015	2013334573	5/1/2014
D EOP-0391 IN	2807.0004IN	201700011	India	Original Filing	Filed	1319133.6	11/4/2013	228838	10/10/2013	2014.0125870	5/8/2014
D EOP-0391 JP	2807.0004JP	201700012	Japan	Original Filing	Filed	1243/KOL/2013	10/31/2013	2013.222046	10/25/2013	2014.92786	5/19/2014
D EOP-0392	2807.0005C	N/A	United States	Original Filing	Granted	13668.671	11/5/2012	9,158,114	10/13/2015	2014.0125694	5/8/2014
D EOP-0392 EP	2807.0005EP	201700014	Europe	Original Filing	Filed	1319135.8	11/4/2013	228839	10/10/2013	2728397	5/7/2014
D EOP-0392 IL	2807.0005IL	201700015	Israel	Original Filing	Filed	1234/KOL/2013	10/30/2013		Not Applicable	Not Applicable	
D EOP-0392 IN	2807.0005IN	201700016	India	Original Filing	Filed	2013.222048	10/25/2013		Not Applicable	Not Applicable	
D EOP-0392 JP	2807.0005JP	201700017	Japan	Original Filing	Filed	2014201487	3/13/2014	2014201487	1/7/2016	2014.92787	5/19/2014
D EOP-0394 AU	2807.0006AU	N/A	Australia	Original Filing	Granted	13839.164	3/15/2013	9,105,459	8/11/2015	2014201487	10/2/2014
D EOP-0396	2807.0007C	N/A	United States	Original Filing	Granted	14065.870	10/29/2013		Not Applicable	Not Applicable	
D EOP-0398	2807.0008C	201600589	United States	Original Filing	Filed	14456.106	9/25/2014		Not Applicable	Not Applicable	
D EOP-0399	2807.0009C	201600590	United States	Original Filing	Filed	14702.948	5/4/2015		Not Applicable	Not Applicable	
D EOP-0409	2807.0010C	201600591	United States	Original Filing	Filed						
Patents Ref No.	ESP Ref No.		Country	Relaction Type	Status	Serial No.	Filing Dk	Patent No.	Grant Date	Publication No.	Pub. Date
D ES-0036	2809.0001C	201600592	United States	Original Filing	Filed	13043.091	3/8/2011		Not Applicable	Not Applicable	
D ES-0042 EP	2803.0002EP	N/A	Europe	Original Filing	Granted	13187704.5	10/8/2013	2720379	3/11/2015	2720379	4/30/2014
D ES-0047	2809.0003C	N/A	United States	Original Filing	Granted	13798.259	3/13/2013	9,234,530	1/12/2016	Not Applicable	Not Applicable
D ES-0048	2809.0004C	201600593	United States	Original Filing	Filed	13843.456	3/15/2013		Not Applicable	Not Applicable	
D ES-0049	2809.0005C	N/A	United States	Original Filing	Granted	14163.102	1/24/2014	9,193,422	11/24/2015	Not Applicable	Not Applicable
D ES-0050	2809.0006C	201600595	United States	Original Filing	Filed	14199.428	3/6/2014		Not Applicable	Not Applicable	
D ES-0052	2809.0007C	201600596	United States	Original Filing	Filed	14297.725	6/6/2014		Not Applicable	Not Applicable	
D ES-0111	2809.0008C	201600596	United States	Original Filing	Filed	14854.630	9/15/2015		Not Applicable	Not Applicable	
Patents Ref No.	ESP Ref No.		Country	Relaction Type	Status	Serial No.	Filing Dk	Patent No.	Grant Date	Publication No.	Pub. Date
D GIL-0201 EP	0918.0177EP	N/A	Europe	Original Filing	Granted	2756100	6/17/2002	1402763	12/12/2007	1402763	3/31/2004
D GIL-0201 JP	0918.0177JP	N/A	Japan	Original Filing	Granted	2003.506053	6/17/2002	4025287	10/12/2007	2004531895	10/14/2004

D-GIL-0221		2806.0001C	N/A	United States	Original Filing	Granted		13/083,151	4/8/2011	8,831,906	9/9/2014	Not Applicable	Not Applicable	
Patents Ref. No.	EST Ref. No.			Country	Relation Type	Status		Serial No.	Filing Dk.	Patent No.	Grant Date	Publication No.	Pub. Date	
D-HQ-0001	2812.0001C	N/A	United States	Original Filing	Granted			14/166,210	1/28/2014	9,223,971	12/29/2015	Not Applicable	Not Applicable	
D-HQ-0001 PCT	2812.0001I	N/A	PCT	Original Filing	Filed			PCT/US15/13311	1/28/2015			WO2015116694	8/6/2015	
Patents Ref. No.	EST Ref. No.			Country	Relation Type	Status		Serial No.	Filing Dk.	Patent No.	Grant Date	Publication No.	Pub. Date	
D-IIW-0001	2810.0002CON	N/A	United States	Continuation	Granted			13/330,231	12/19/2011	8,351,961	1/8/2013	2012,0088490	4/12/2012	
D-IIW-0001 AU	2810.0002AU	N/A	Australia	Original Filing	Granted			2007313193	10/17/2007	2007313193	5/17/2012	2007313193	4/24/2008	
D-IIW-0001 AU2	2810.0002AU2	N/A	Australia	Divisional	Granted			2012202508	5/1/2012	2012202508	1/17/2013	2012202508	5/24/2012	
D-IIW-0001 CA	2810.0002CA	N/A	Canada	Original Filing	Granted			2,666,882	10/17/2007	2,666,882	8/26/2014	2,666,882	4/24/2008	
D-IIW-0001 EP	2810.0002EP	N/A	Europe	Original Filing	Granted			7861418.7	10/17/2007	2080392	12/23/2015	2080392	7/22/2009	
D-IIW-0001 MX	2810.0002MX	N/A	Mexico	Original Filing	Granted			MX/a/2009/004092	10/17/2007	299211	5/15/2012	2009004092	9/9/2009	
D-IIW-0001 MW2	2810.0002MW2	201700018	Mexico	Divisional	Filed			MX/a/2012/002484	3/27/2012			Not Applicable	Not Applicable	
D-IIW-0006	2810.0001C	N/A	United States	Original Filing	Granted			13/072,300	3/23/2011	8,681,690	3/25/2014	2012,0243465	9/27/2012	
D-IIW-0006 GB	2810.0001UK	201700019	Great Britain	Original Filing	Filed			1205092.8	3/23/2012			2491431	12/5/2012	
D-IIW-0007	2810.0003C	N/A	United States	Original Filing	Granted			13/446,372	4/13/2012	9,083,555	7/14/2015	Not Applicable	Not Applicable	
D-IIW-0008	2810.0004C	N/A	United States	Original Filing	Granted			13/448,912	4/17/2012	9,066,321	6/23/2015	Not Applicable	Not Applicable	
Patents Ref. No.	EST Ref. No.			Country	Relation Type	Status		Serial No.	Filing Dk.	Patent No.	Grant Date	Publication No.	Pub. Date	
D-SS-0101	0918.0289C	N/A	United States	Original Filing	Granted			11/202,182	8/12/2005	7,420,509	9/2/2008	2008,0007454	1/10/2008	
D-SS-0101 CA	2805.0289CA	N/A	Canada	Original Filing	Granted			2,555,106	8/1/2006	2,555,106	10/11/2011	2,555,106	2/12/2007	
D-SS-0101 FR	2805.0289FR	N/A	France	Original Filing	Granted			06 07 251	8/10/2006	2889770	5/2/2014	2889770	2/16/2007	
D-SS-0107	2805.0292C	N/A	United States	Original Filing	Granted			11/449,856	6/9/2006	7,616,678	11/10/2009	2006,0291538	12/28/2006	
D-SS-0107 CN	2805.0292CN	N/A	China P.R.	Original Filing	Granted			200680026175	6/9/2006	21200680026175	9/28/2011	CN 101223701	7/16/2008	
D-SS-0107 EP	2805.0292EP	N/A	Europe	Original Filing	Granted			6777890.7	6/9/2006	1894306	5/11/2011	1894306	8/4/2010	
D-SS-0107 IN	2805.0292IN	201700020	India	Original Filing	Filed			4967/KOLNP/2007	6/9/2006			Not Applicable	Not Applicable	
D-SS-0107 JP	2805.0292JP	N/A	Japan	Original Filing	Granted			2008,516017	6/9/2006	4875072	12/2/2011	2008,544609	12/4/2008	
D-SS-0112	2805.0314C	N/A	United States	Original Filing	Granted			12/467,480	5/18/2009	7,948,929	5/24/2011	Not Applicable	Not Applicable	
D-SS-0125	2805.0355C	N/A	United States	Original Filing	Granted			12/718,752	3/5/2010	8,209,596	6/26/2012	Not Applicable	Not Applicable	
D-SS-0140	2805.0381C	N/A	United States	Original Filing	Granted			12/536,945	8/6/2009	8,144,057	3/27/2012	Not Applicable	Not Applicable	
D-SS-0183	2805.0356C	N/A	United States	Original Filing	Granted			13/441,450	4/6/2012	8,803,465	8/12/2014	Not Applicable	Not Applicable	
D-SS-0190	2805.0384C	N/A	United States	Original Filing	Granted			13/285,292	10/31/2011	9,030,663	5/12/2015	2013,0107263	5/2/2013	
D-SS-0190 AU	2805.0384AU	N/A	Australia	Original Filing	Granted			2012227277	9/24/2012	2012227277	7/3/2014	2012227277	5/6/2013	
D-SS-0190 CA	2805.0384CA	N/A	Canada	Original Filing	Granted			2,788,915	9/7/2012	2,788,915	10/28/2014	2,788,915	4/30/2013	
D-SS-0190 CN	2805.0384CN	201700021	China P.R.	Original Filing	Filed			201210407033.9	10/16/2012			CN103091263	5/15/2013	
D-SS-0190 EP	2805.0384EP	201700022	Europe	Original Filing	Filed			12186922.8	10/1/2012			2587236	5/1/2013	
D-SS-0190 IN	2805.0384IN	201700023	India	Original Filing	Filed			1028/KOL/2012	9/7/2012			Not Applicable	Not Applicable	
D-SS-0190 JP	2805.0384JP	201700031	Japan	Original Filing	Filed			2012,225053	10/10/2012			2013,96987	5/20/2013	
D-SS-0190 KR	2805.0384KR	N/A	South Korea	Original Filing	Granted			10-2012-112173	10/10/2012	10-1405883	6/3/2014	1020130047579	5/8/2013	
D-SS-0194	2805.0385C	201600598	United States	Original Filing	Filed			13/621,601	9/17/2012			Not Applicable	Not Applicable	
D-SS-0196	2805.0386C	N/A	United States	Original Filing	Granted			13/408,357	2/29/2012	8,750,611	6/10/2014	Not Applicable	Not Applicable	
D-SS-0198	2805.0387C	N/A	United States	Original Filing	Granted			13/313,040	12/7/2011	8,899,748	12/2/2014	Not Applicable	Not Applicable	
D-SS-0209	2805.0392C	201600603	United States	Original Filing	Filed			13/793,280	3/11/2013			Not Applicable	Not Applicable	
D-SS-0213	2805.0394C	N/A	United States	Original Filing	Granted			13/633,370	10/2/2012	8,917,385	12/23/2014	Not Applicable	Not Applicable	
D-SS-0220	2805.0396C	N/A	United States	Original Filing	Granted			13/800,570	3/13/2013	8,948,292	2/3/2015	Not Applicable	Not Applicable	
D-SS-0222	2805.0397C	N/A	United States	Original Filing	Filed			13/740,787	1/14/2013	9,843,639	9/23/2016	Not Applicable	Not Applicable	
D-SS-0226	2805.0399C	201600611	United States	Original Filing	Filed			13/887,096	5/3/2013			Not Applicable	Not Applicable	
D-SS-0234	2805.0401C	201600612	United States	Original Filing	Filed			14/497,996	9/26/2014			Not Applicable	Not Applicable	
D-SS-0249	2805.0403C	201600613	United States	Original Filing	Filed			14/660,510	3/17/2015			Not Applicable	Not Applicable	
D-SS-0250	2805.0074C	N/A	United States	Original Filing	Granted			09/205,510	12/4/1998	6,335,951	1/1/2002	Not Applicable	Not Applicable	
D-SS-0251	2805.0075C	N/A	United States	Original Filing	Granted			09/978,186	11/13/2001	7,039,122	5/2/2006	2003,0072385	4/17/2006	
D-SS-0252	2805.0028C	N/A	United States	Original Filing	Granted			2023132	10/15/2002	1304826	12/7/2011	1304826	4/23/2003	
D-SS-0252 EP	2805.0028EP	N/A	Europe	Original Filing	Granted			09/963,669	9/27/2001	7,154,962	12/26/2006	2002,0075907	6/20/2002	
D-SS-0253	2805.0069C	N/A	United States	Original Filing	Granted			1973533.9	9/27/2001	1334595	12/12/2004	1334595	8/13/2003	
D-SS-0253 EP	2805.0069EP	N/A	Europe	Original Filing	Granted			09/994,945	11/28/2001	7,239,707	7/3/2007	2003,0048901	3/13/2003	
D-SS-0254	2805.0127C	N/A	United States	Original Filing	Granted			2026186.3	11/25/2002	1316811	7/25/2012	1316811	4/6/2003	
D-SS-0254 EP	2805.0127EP	N/A	Europe	Original Filing	Granted			10/024,629	12/21/2001	7,075,886	7/11/2006	2003,0137930	7/24/2003	
					Original Filing	Granted		20027170.6	12/5/2002	1324515	2/21/2007	1324515	7/3/2003	

