

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT3246903

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	TERMINATION OF PATENT SECURITY INTEREST (RECORDED ON 12/3/13 AT REEL/FRAME 031756/0729 AND ON 1/2/14 AT REEL/FRAME 031910/0460)

CONVEYING PARTY DATA

Name	Execution Date
OXFORD FINANCE LLC, AS AGENT	02/27/2015

RECEIVING PARTY DATA

Name:	APOLLO ENDOSURGERY, INC.
Street Address:	1120 S. CAPITAL OF TEXAS HWY
Internal Address:	BUILDING 1, SUITE 300
City:	AUSTIN
State/Country:	TEXAS
Postal Code:	78746

PROPERTY NUMBERS Total: 207

Property Type	Number
Patent Number:	8932247
Patent Number:	8821430
Patent Number:	8506517
Patent Number:	8377081
Patent Number:	8317677
Patent Number:	8079974
Patent Number:	8012162
Patent Number:	7972346
Patent Number:	7959552
Patent Number:	7901419
Patent Number:	7811299
Patent Number:	7314443
Patent Number:	7238191
Patent Number:	7128750
Patent Number:	7060080
Patent Number:	6974445
Patent Number:	8956380
Patent Number:	8939888

PATENT

Property Type	Number
Patent Number:	8929988
Patent Number:	8920447
Patent Number:	8911467
Patent Number:	8906051
Patent Number:	8905916
Patent Number:	8905915
Patent Number:	8900118
Patent Number:	8900117
Patent Number:	8888732
Patent Number:	8882798
Patent Number:	8882728
Patent Number:	8882655
Patent Number:	8876694
Patent Number:	8870966
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Patent Number:	8858421
Patent Number:	8845513
Patent Number:	8840541
Patent Number:	8821373
Patent Number:	8801597
Patent Number:	8764624
Patent Number:	8758221
Patent Number:	8753369
Patent Number:	8725435
Patent Number:	8715158
Patent Number:	8708979
Patent Number:	8698373
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Patent Number:	8517915
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Property Type	Number
Patent Number:	8409203
Patent Number:	8398654
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Patent Number:	8366602
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Patent Number:	8317771
Patent Number:	8317761
Patent Number:	8308630
Patent Number:	8292800
Patent Number:	8287556
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Property Type	Number
Patent Number:	7704261
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Patent Number:	7338433
Patent Number:	7318802
Patent Number:	7273451
Patent Number:	7175636
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Patent Number:	5601604
Application Number:	14049052
Application Number:	13923056
Application Number:	13922148
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Application Number:	12816310
Application Number:	14445507
Application Number:	14313227

Property Type	Number
Application Number:	14306518
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Application Number:	14206098
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Application Number:	14049548
Application Number:	14049351
Application Number:	14034177
Application Number:	14026116
Application Number:	14023801
Application Number:	14011377
Application Number:	13972801
Application Number:	13965041
Application Number:	13956164
Application Number:	13938010
Application Number:	13937100
Application Number:	13934987
Application Number:	13931561
Application Number:	13923165
Application Number:	13923076
Application Number:	13921082
Application Number:	13909631
Application Number:	13909467
Application Number:	13905019
Application Number:	13894799
Application Number:	13667617
Application Number:	13650507
Application Number:	13635332
Application Number:	13565670
Application Number:	13551942
Application Number:	13539777
Application Number:	13539661
Application Number:	13503285
Application Number:	13503273
Application Number:	13503252
Application Number:	13470940
Application Number:	13427678
Application Number:	13356459

Property Type	Number
Application Number:	13356401
Application Number:	13332010
Application Number:	13328003
Application Number:	13327988
Application Number:	13298247
Application Number:	13288751
Application Number:	13277802
Application Number:	13276904
Application Number:	13275224
Application Number:	13275211
Application Number:	13275166
Application Number:	13272116
Application Number:	13272106
Application Number:	13216132
Application Number:	13178392
Application Number:	13103767
Application Number:	12902747
Application Number:	12902085
Application Number:	12899122
Application Number:	12859196
Application Number:	12853498
Application Number:	12793566
Application Number:	12771609
Application Number:	12770640
Application Number:	12770617
Application Number:	12768496
Application Number:	12750565
Application Number:	12698906
Application Number:	12659087
Application Number:	12426057
Application Number:	12121478
Application Number:	11540177
Application Number:	11133002
Application Number:	10968168
Application Number:	10968028
Application Number:	14063893
Application Number:	14063781

CORRESPONDENCE DATA**Fax Number:** (919)286-8199*Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.***Phone:** 919 286-8000**Email:** PTO_TMconfirmation@mvalaw.com**Correspondent Name:** MOORE & VAN ALLEN PLLC**Address Line 1:** 3015 CARRINGTON MILL BOULEVARD**Address Line 2:** SUITE 400**Address Line 4:** MORRISVILLE, NORTH CAROLINA 27560

ATTORNEY DOCKET NUMBER:	036251.018
NAME OF SUBMITTER:	JOHN E. SLAUGHTER, III
SIGNATURE:	/jes/
DATE SIGNED:	03/02/2015

Total Attachments: 16

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Registrant: Apollo Endosurgery, Inc.
Patents: See attached Exhibit A

TERMINATION OF PATENT SECURITY INTEREST

This TERMINATION OF PATENT SECURITY INTEREST, effective as of February 27, 2015, is by Oxford Finance LLC, as Agent ("**Secured Party**") in favor of Apollo Endosurgery, Inc., a Delaware corporation ("**Company**");

WHEREAS, Company is a party to (i) that certain Guarantee and Security Agreement dated as of December 2, 2013 in favor of Secured Party, for itself and the ratable benefit of the Lenders (as amended, amended and restated, supplemented or otherwise modified from time to time, the "**Security Agreement**"); and (ii) that certain Patent Security Agreement dated as of December 2, 2013 in favor of Secured Party, for itself and the ratable benefit of the Lenders, which was recorded with the United States Patent and Trademark Office on December 3, 2013, at Reel 031756, Frame 0729 and on January 2, 2014 at Reel 031910, Frame 0460 (as amended, amended and restated, supplemented or otherwise modified from time to time, the "**Patent Security Agreement**" and together with the Security Agreement, the "**Security Documents**"). All capitalized terms used but not otherwise defined herein have the meanings give them in the Security Documents;

NOW, THEREFORE, for good and valuable consideration, receipt of which is hereby acknowledged, Secured Party, for itself and the ratable benefit of the Lenders, hereby:

1. releases and reassigns to Company any and all liens, security interests, right, title and interest of Secured Party, for itself and the ratable benefit of the Lenders, pursuant to the Security Documents in the patents and patent applications more fully described on Exhibit A, including the Patent Collateral (as defined in the Patent Security Agreement), without recourse or representation or warranty, express or implied;
2. authorizes and requests the Commissioner of Patents and Trademarks of the United States of America to note and record the existence of termination hereby given; and
3. files (or authorizes Company to file) this Termination of Patent Security Interest in the United States Patent and Trademark Office.

(Signature Page Follows)

IN WITNESS WHEREOF, the Secured Party has caused this Termination of Patent Security Interest to be signed by its duly authorized representative as of this 27th day of February, 2015

Oxford Finance LLC, as Agent

Address:

Oxford Finance LLC
133 North Fairfax Street
Alexandria, VA 22314

By:  _____

Name: Mark Davis
Vice President - Finance, Secretary & Treasurer

Title: _____

EXHIBIT A**PATENTS AND PATENT LICENSES****Apollo Endosurgery, Inc. Filed Patents**

<u>Patent #</u>	<u>Application #</u>	<u>Filing Date</u>	<u>Issue Date</u>
US7959640B2	12/030,244	6/14/11	2/13/08
US8066689B2	11/776,097	7/11/07	11/29/11
US8128592B2	11/775,996	7/11/07	3/6/12
US8287556B2	12/485,576	6/16/09	10/16/12
US8317771B2	12/688,249	1/15/10	11/27/12
US8409226B2	13/149,340	5/31/11	4/2/13
US8491472B2	13/304,055	11/23/11	7/23/13
US8540735B2	12/970,323	12/16/10	9/24/13

Apollo Endosurgery, Inc. Filed Patent Applications

<u>Patent #</u>	<u>Application #</u>	<u>Filing Date</u>
US20090018603A1	11/776,062	7/11/07
US20090287045A1	12/121,409	5/15/08
US20090287049A1	12/121,478	5/15/08
US20100217151A1	12/688,377	1/15/10
US20110087222A1	12/902,747	10/12/10
US20120157765A1	13/327,988	12/16/11
US20120150200A1	13/328,003	12/16/11
US20120149979A1	13/328,016	12/16/11
US20120226302A1	13/413,275	3/6/12
US20120226300A1	13/413,310	3/6/12
US20120271327A1	13/539,661	7/2/12
US20130006287A1	13/539,777	7/2/12
	13/551,942	7/18/12
US20130096581A1	13/650,507	10/12/12
	14/023,801	9/11/13
	14/026,116	9/13/13

Patents & Applications assigned to Apollo through Agreements

According to Apollo Endosurgery, Inc., the FTE Group (as defined in the Joint Research Agreement (as defined below)) and Olympus Corporation (“**Olympus**”) entered into that certain Joint Research Agreement dated December 15, 2001, as amended on October 1, 2003 (the “**Joint Research Agreement**”), to establish a cooperative and collaborative relationship for researching and developing certain therapeutic devices that might be inserted with a flexible endoscope through the gastrointestinal tract for specific operations and procedures. Pursuant to the Joint Research Agreement, Olympus owns rights to Olympus Inventions (as defined therein) and jointly with the FTE Group owns all rights to Joint Inventions (as defined therein), and the FTE Group members jointly own rights to FTE Group Inventions (as defined therein) and jointly with Olympus own all rights to Joint Inventions. The Company desired to obtain an assignment of all of the FTE Group's rights in and to the FTE Group Inventions and the Joint Inventions, and has completed negotiations with Olympus to obtain Olympus's consent to such assignment. The Intellectual Property Assignment Agreement dated November 4, 2009 (the “**IPA Agreement**”) signed by all parties, assigns the FTE Group's rights in and to the FTE Groups Inventions and the Joint Inventions, as defined in the Joint Research Agreement, to the Company.

<u>Patent / Publication #</u>	<u>Application #</u>	<u>Filing Date</u>	<u>Issue Date</u>
6971987	10/251906	9/20/2002	12/6/2005
6527753	09/794974	2/27/2001	3/4/2003
6719763	09/964815	9/28/2001	4/13/2004
6755843	09/964816	9/28/2001	6/29/2004
6986737	10/335987	1/3/2003	1/17/2006
6988985	10/336021	1/3/2003	1/24/2006
6988987	10/390365	3/17/2003	1/24/2006
6921361	09/909980	7/23/2001	7/26/2005
7144401	10/162640	6/6/2002	12/5/2006
7156857	10/114128	4/3/2002	1/2/2007
7175636	10/231086	8/30/2002	2/13/2007
7273451	10/793390	3/4/2004	9/25/2007
7318802	10/998242	11/24/2004	1/15/2008
7344545	10/724814	12/1/2003	3/18/2008
7527590	10/390443	3/17/2003	5/5/2009
7530985	10/958801	10/5/2004	5/12/2009
7618425	10/353866	1/29/2003	11/17/2009
7637919	10/353865	1/29/2003	12/29/2009
7654951	10/957911	10/4/2004	2/2/2010
7704261	11/099303	4/5/2005	4/27/2010
7721742	09/815336	3/23/2001	5/25/2010
7998148	11/427836	6/30/2006	8/16/2011
8016840	12/015888	1/17/2008	9/13/2011
8021376	12/015911	1/17/2008	9/20/2011
8105342	10/430071	5/6/2003	1/31/2012
8142448	10/303265	11/25/2002	3/27/2012
8337395	12/435144	5/4/2009	12/25/2012
8435169	12/945213	11/12/2010	5/7/2013

8465499	11/657328	1/24/2007	6/18/2013
20050107664	10/968028	10/20/2004	
20050101837	10/968168	10/20/2004	
20050261708	11/133002	5/19/2005	
20110028782	12/659087	02/24/10	
20130090526	13/690089	11/30/2012	

Patents & Applications Licensed to Apollo Endosurgery, Inc.

According to Apollo Endosurgery, Inc., pursuant to the Exclusive Patent and Technology License Agreement, by and between the Board of Regents of the University of Texas System, on behalf of the University of Texas Medical Branch at Galveston, the Johns Hopkins University, the Mayo Foundation for Medical Education and Research, the Medical University of South Carolina Foundation for Research Development, on behalf of the Medical University of South Carolina, and the Chinese University of Hong Kong, dated as of May 9, 2006, as amended June 14, 2007 and July 28, 2009 (the “**University License Agreement**”), each institution in the FTE Group (as defined in the University License Agreement) executed an irrevocable proxy appointing the Representative Institution (as defined in the University License Agreement) as its attorney-in-fact authorized to act on the FTE Group’s behalf on all Company stockholder matters

<u>Patent / Publication #</u>	<u>Application #</u>	<u>Filing Date</u>	<u>Issue Date</u>
7959640	12/030244	2/13/2008	6/14/2011
8021355	11/202855	8/12/2005	9/20/2011
8066689	11/776097	7/11/2007	9/29/2011
8128592	11/775996	7/11/2007	3/6/2012
8221443	11/985413	11/15/2007	7/17/2012
8287535	11/920220	5/11/2006	10/16/2012
8317771	12/688249	1/15/2010	11/27/2012
8409226	13/149340	5/31/2011	4/2/2013
8491472	13/304055	11/23/2011	7/23/2013
20130041383	13/651972	10/15/2012	
20120022322	13/195354	8/1/2011	
WO2008124748	PCT/US2008/059706	4/9/2008	
20090018603	11/776062	7/11/2007	
20100217151	12/688377	1/15/2010	
20120226302	13/413275	3/6/2012	
20120226300	13/413310	3/6/2012	

In-Licensed Patents

According to Apollo Endosurgery, Inc., the following patents and patent applications have been acquired via a license as part of the Allergan bariatric division pursuant to the Closing Date Acquisition and are licensed to Borrower (as successor by assignment to Allergan Medical SA (“**Allergan Medical**”)) pursuant to that certain License Agreement by and among Allergan Medical, Dr. Michael Gertner and Minimus Surgical Systems, dated as of December 20, 2007 (the “**Gertner Exclusive License Agreement**”), including any divisionals, continuations, continuations-in-part, reissues, renewals, registrations, confirmations, re-examinations, certificates of inventorship, and extensions of any such patents or patent applications, any provisional applications corresponding to or claiming priority to any such patent applications and any U.S. or foreign patents or the equivalent thereof issuing thereon:

Country	Title	Serial/attorney docket	Filing Date	Pub Number	Earliest Priority Date	Patented/No
U.S.	Devices and Methods to Treat a Patient	10/974,248	27-Oct-04	20050216040	24-Mar-04	7255675
U.S.	Percutaneous Gastroplasty	11/125547	10-May-05	20050216042	24-Mar-04	
U.S.	Methods and Devices for Percutaneous, Non-Laparoscopic Treatment of Obesity	11/148519	9-Jun-05	20050228415	24-Mar-04	
U.S.	Methods and Devices for the Surgical Creation of Satiety and Biofeedback Pathways	11/153791	15-Jun-05	20050267533	24-Mar-04	
U.S.	Methods and Devices for Combined Gastric Restriction and Electrical Stimulation	11/243106	4-Oct-05	20060074473	24-Mar-04	
U.S.	Obesity Treatment Systems	11/295281	27-Sep-06	20060089571	24-Mar-04	
U.S.	Methods and Devices to Facilitate Connections Between Body Lumens	11/334105	17-Jan-06	20060142790	24-Mar-04	
U.S.	Management Systems for the Surgically Treated Obese Patient	11/278806	5-Apr-06	20060189889	6-Dec-05	
U.S.	Extragastric Devices and Methods for Gastroplasty	11/391126	27-Mar-06	20060195139	24-Mar-04	

Country	Title	Serial/attorney docket	Filing Date	Pub Number	Earliest Priority Date	Patented/No
U.S.	Extragastric Minimally Invasive Methods and Devices to Treat Obesity	11/396160	31-Mar-06	20060212053	24-Mar-04	
U.S.	Extragastric Minimally Invasive Methods and Devices to Treat Obesity	11/395302	31-Mar-06	20060264699	24-Mar-04	
U.S.	Devices and Methods to Treat a Patient	11/540288	27-Sep-06	20070027358	24-Mar-04	
U.S.	Methods and Devices For Percutaneously Modifying Organs To Treat Patients	11/693573	29-Mar-07	20070179335	24-Mar-04	
U.S.	Methods and Device For Percutaneously Modifying Organs to Treat Patients	11/693630	29-Mar-07	20070173888	24-Mar-04	
U.S.	Methods and Device For Percutaneously Modifying Organs to Treat Patients	11/693591	29-Mar-07	20070167982	24-Mar-04	
U.S.	Extragastric Balloon	11/741705	27-Apr-07	20070233170	24-Mar-04	
U.S.	Obesity Treatment Systems	5000-0003	12-Jul-07	N/A	24-Mar-04	
U.S.	Methods and Device for the Treatment of Obesity	11/926183	29-Oct-07	N/A	24-Mar-04	
U.S.	Obesity Treatment Systems	5000-0005	31-Oct-07	N/A	24-Mar-04	
U.S.	Obesity Treatment Systems	5000-0005	31-Oct-07	N/A	24-Mar-04	
U.S.	Closed Loop Gastric Restriction Devices and Method	11/774613	9-Jul-07	2007276293	6-Dec-05	
US	Abdominal Wall balloon To Treat Obesity	11/770630	28-Jun-07	N/A	24-Mar-04	
US, Can, Aust,	Surgical Systems and Devices To Enhance Gastric Restriction	WO2005US0033683	19-Sep-05	PCT/US2005/033683		

Country	Title	Serial/attorney docket	Filing Date	Pub Number	Earliest Priority Date	Patented/No
EU	Therapies					
US, Aust, Can, EU, China Japan	Obesity Treatment Systems	WO2006US0015881	26- Apr-06	PCT/US06/15881		
U.S.	Device and Methods to Treat a Patient	WO2005US0009322	19- Mar-05	PCT/US05/09322		

According to Apollo Endosurgery, Inc., the following patents and patent applications, that have been acquired via a license as part of the Allergan bariatric division pursuant to the Closing Date Acquisition and are licensed to Borrower (as successor by assignment to Inamed Development Company and BioEnterics Corporation (collectively, "Inamed", subsequently acquired by Allergan, Inc. ("Allergan"))) pursuant to that certain Settlement Agreement and Mutual Release by and among Inamed, Ethicon Endo-Surgery, Inc. ("Ethicon") and Lubomyr I. Kuzmak, M.D., dated as of June 21, 2004 (the "Ethicon Settlement Agreement and Mutual Release"), including any other counterparts worldwide, all patents that have issued or in the future issue from such patent applications, and any and all related continuations, continuations-in-part, divisions, renewals, reissues, reexaminations, extensions, and patents of addition and patents of importation:

Country	Title	Number	Issue Date
U.S.	Gastric Banding Device	4,592,339	03-Jun-86
U.S.	Calibrating Apparatus and Method of Using the Same for Gastric Banding Surgery	4,696,288	29-Sep-87
U.S.	Reversible Stoma-Adjustable Gastric	5,074,868	24-Dec-91
U.S.	Laparoscopic Gastric Band and Method	5,226,429	13-Jul-93
U.S.	Finger-like Laparoscopic Blunt Dissector Device	5,222,788	04-Jun-96
U.S.	Laparoscopic Adjustable Gastric Banding Device and Method for Implantation and Removal Thereof	RE 36,176	30-Mar-99
U.S.	Laparoscopic Adjustable Gastric Banding Removal Thereof	US SN 09/205, 195 (Division of Re. Application Serial No. 08/927.494)	
U.S.	Non-Slipping Gastric Band	5,910,149	08-Jun-99

According to Apollo Endosurgery, Inc., the Licensed Patents also include the following patents and patent applications, that have been acquired as part of the Allergan bariatric division pursuant to the Closing Date Acquisition, licensed to Borrower as successor by assignment to Allergan pursuant to that certain Patent Cross License by and between Allergan and Ethicon dated as of November 30, 2012, as amended on October 22, 2013 (the "Ethicon Cross License"), including any patents maturing therefrom, and all continuations, continuations-in-part, divisionals, renewals, reissues, reexaminations, parent applications, counterparts, extensions, and patents of addition and patents of information:

Patent or Application Number	Grant, Filing or Publication Date (YYYYMMDD)
US2004254537	20041216
US2004254536	20041216
US2005131352	20050616

Patent or Application Number	Grant, Filing or Publication Date (YYYYMMDD)
US7374557	20080520
US2010130941	20100527
US7862546	20110104
US2011082426	20110407
US2005283118	20051222
US2006293625	20061228
US2006293628	20061228
US2006293627	20061228
US2007149947	20070628
US7553298	20090630
US7561916	20090714
US2010211085	20100819
US2010217200	20100826
US2010217199	20100826
US7850660	20101214
US8029477	20111004
US8162897	20120424
US8211127	20120703
US2005283119	20051222
US8007474	20110830
US2010234808	20100916

Patent or Application Number	Grant or Filing Date (YYYYMMDD)
US2007010790	20070111
US7651483	20100126

Patent or Application Number	Grant, Filing or Publication Date (YYYYMMDD)
US6067991	20000530

Patent or Application Number	Grant, Filing or Publication Date (YYYYMMDD)
US2004267292	20041230
US2004267291	20041230
US2004267293	20041230
US7500944	20090310
US2004267288	20041230
US7951067	20110531
US2005002984	20050106

Patent or Application Number	Grant, Filing or Publication Date (YYYYMMDD)
US2004267292	20041230
US2004267291	20041230
US2004267293	20041230
US7500944	20090310
US2004267288	20041230
US7951067	20110531
US2005002984	20050106

Patent or Application Number	Grant, Filing or Publication Date (YYYYMMDD)
US2005131325	20050616

Patent or Application Number	Grant, Filing or Publication Date (YYYYMMDD)
US2004254537	20041216
US2004254536	20041216

Patent or Application Number	Grant, Filing or Publication Date (YYYYMMDD)
US2005131352	20050616
US7374557	20080520
US2010130941	20100527
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17947	US		PCT	Granted	10/492,784	4/18/2004	05/0192531	9/1/2005	7,811,298	10/12/2010
17947	US	CON1	CON	Granted	12/851,437	8/5/2010	10-0324359	12/23/2010	8,382,780	2/26/2013
17950	US	C1	CON	Granted	08/479,624	6/7/1995			5,658,298	8/19/1997
17951	US	371	PCT	Published	10/587,099	12/4/2008	09-0082793	3/26/2009		
17952	US		PCT	Granted	10/524,864	6/23/2005	250979	11/10/2005	7,338,433	3/4/2008
17952	US	CON2	CON	Published	13/040,204	3/3/2011	20120215062A 1	8/23/2012		
17953	US		PRI	Granted	08/926,140	9/9/1997			5,902,247	5/11/1999
17954	US		PRI	Granted	08/068,411	5/27/1993			5,601,604	2/11/1997
17957	US	A	ORD	Granted	10/562,964	12/30/2005	190039	8/24/2006	7,762,998	7/27/2010
17957	US	A-CO	CON	Granted	12/488,496	6/19/2009	09-0259231	10/15/2009	8,007,465	8/30/2011
17957	US	A-CO2	CON	Granted	12/548,703	8/27/2009	09-0318872	12/24/2009	7,892,200	2/22/2011
17957	US	A-CO3	CON	Granted	12/843,629	7/26/2010	10-0286649	11/11/2010	8,496,614	7/30/2013
17957	US	ACIPI	CIP	Granted	12/483,980	6/12/2009	09-0254052	10/8/2009	7,947,011	5/24/2011
17957	US	B	PCT	Granted	10/562,954	12/30/2005	06/0235445	10/19/2006	7,901,381	3/8/2011
17957	US	CICO	CON	Granted	13/159,883	6/14/2011	11-0245595	10/6/2011	8,317,761	11/27/2012
17957	US	CICO N3	CON	Granted	12/488,266	6/19/2009	09-0259190	10/15/2009	7,972,315	7/5/2011
17957	US	CPICO N1	CON	Granted	12/488,421	6/19/2009	09-0259191	10/15/2009	8,007,479	8/30/2011
17957	US	CPICO n2	CON	Granted	12/488,364	6/19/2009	09-0264827	10/22/2009	7,811,275	10/12/2010
17957	US	DIV1	DIV	Granted	12/607,283	10/28/2009	10-0042052	2/18/2010	8,079,989	12/20/2011
17957	US	DIV2	DIV	Granted	12/607,323	10/28/2009	10-0049214	2/25/2010	8,409,203	4/2/2013
17970	US		PCT	Granted	10/561,515	12/20/2005	142700	6/29/2006	7,749,254	7/6/2010
17970	US	CN1D V1	DIV	Published	13/667,617	11/2/2012	20130103071A 1	4/25/2013		
18006	US		PCT	Granted	10/593,530	9/18/2006	07-0173881	7/26/2007	8,236,023	8/7/2012
18007	US	C1	CIP	Granted	11/472,902	6/22/2006	07/0156013	7/5/2007	8,043,206	10/25/2011
18007	US	CIP1C ON1	CON	Published	13/184,914	7/18/2011	11-0275887	11/10/2011		
18019	US		PRI	Granted	08/954,252	10/20/1997			5,879,290	3/9/1999
18041	US		ORD	Granted	08/609,914	2/29/1996			5,718,666	2/17/1998
18043	US		PRI	Granted	11/444,702	5/31/2006	07/0282196	12/6/2007	7,727,143	6/1/2010
18043	US	1	CIP	Granted	11/754,117	5/25/2007	20080004642A 1	1/3/2008	7,780,590	8/24/2010
18046	US	DIV1	DIV	Published	12/712,112	2/24/2010	10-0168783	7/1/2010		
18069	US		PRI	Published	11/540,177	9/29/2006	08-0172079	7/17/2008		
18069	US	DIV	DIV	Published	13/288,751	11/3/2011	12-0053612	3/1/2012		
18151	US	CIPI	CIP	Published	12/698,906	2/2/2010	10-0174307	7/8/2010		
18203	US		ORD	Granted	12/480,911	6/9/2009	09-0312785	12/17/2009	8,292,800	10/23/2012
18204	US		PRI	Granted	11/754,091	5/25/2007	265645	11/15/2007	7,798,954	9/21/2010
18204	US	CON1	CON	Granted	12/850,038	8/4/2010	10-0324358	12/24/2010	8,308,630	11/13/2012
18204	US	CON2	CON	Granted	13/184,456	7/15/2011	11-0270030	11/3/2011	8,323,180	12/4/2012
18309	US		ORD	Granted	12/255,209	10/21/2008	09-0131968	5/21/2009	8,282,666	10/9/2012
18412	US	1	ORD	Published	12/426,057	4/17/2009	09-0264901	10/22/2009		
18412	US	CIP1	CIP	Published	12/750,565	3/30/2010	10-0217198	8/26/2010		
18412	US	CIP1D1 V1	DIV	Granted	13/546,204	7/11/2012	20120277524A 1	11/1/2012	8,409,221	4/2/2013
18412	US	CON1	CON	Granted	13/088,966	4/18/2011	11-0213199	9/1/2011	8,398,654	3/19/2013
18436	US		ORD	Granted	12/500,464	7/9/2009	09-0010291	1/14/2010	8,376,929	2/19/2013
18439	US		ORD	Granted	12/603,058	10/21/2009	10-009945	4/22/2010	8,366,602	2/5/2013
18439	US	CIP1C ON1	CON	Published	13/894,955	5/15/2013	20130253262	9/26/2013		
18454	US		ORD	Published	12/853,498	8/10/2010	11-0054248	3/3/2011		
18454	US	CON1	CON	Published	13/184,387	7/15/2011	11-0270029	11/3/2011		
18454	US	CIP1C ON1	CON	Published	13/909,631	6/4/2013	20130267774	10/10/2013		

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18511	US	CPICN 1	CON	Pending	14/063,781	10/25/2013				
18544	US		ORD	Published	12/899,122	10/6/2010	11-0124121	5/26/2011		
18548	US	CON1	CON	Pending	13/922,123	6/19/2013				
18573	US		ORD	Granted	12/772,039	4/30/2010	11-0054407	3/3/2011	8,506,532	8/13/2013
18573	US	CIP1	CIP	Published	12/904,422	10/14/2010	11-0251453	10/13/2011		
18573	US	CIP2	CIP	Published	13/021,099	2/4/2011	11-0218392	9/8/2011		
18610	US		PRI	Published	12/705,343	2/12/2010	11-0201875	8/18/2011		
18645	US	CN1	CON	Pending	14/011,377	8/27/2013				
18646	US		PRI	Granted	12/813,355	6/10/2010	11-0306824	12/15/2011	8,517,915	8/27/2013
18647	US		PRI	Published	12/703,515	2/10/2010	11-0196394	8/11/2011		
18648	US		PRI	Published	12/711,876	2/24/2010	11-0208229	8/25/2011		
18649	US		PRI	Published	12/712,833	2/25/2010	11-0208220	8/25/2011		
18652	US		PRI	Published	12/712,883	2/25/2010	11-0207995	8/25/2011		
18653	US	con1	CON	Published	13/895,118	5/15/2013	20130253263	9/26/2013		
18657	US		PRI	Published	12/859,196	8/18/2010	12-0046674	2/23/2012		
18657	US	CIP1	CIP	Published	12/896,148	10/1/2010	12-0046520	2/23/2012		
18658	US		PRI	Published	12/769,516	4/28/2010	11-0270131	11/3/2011		
18658	US	CIP	CIP	Published	13/101,952	5/5/2011	11-0270027	11/3/2011		
18659	US	CIP2	CIP	Published	13/178,392	07/07/2011	11-0306827	12/15/2011		
18700	US	CON1	CON	Published	13/894,799	5/15/2013	20130253261	9/26/2013		
18701	US		PRI	Published	12/793,566	6/3/2010	11-0301408	12/8/2011		
18702	US	ACON 1	CON	Pending	13/923,076	6/20/2013				
18702	US	BCON 1	CON	Pending	13/923,165	6/20/2013				
18702	US	CPICN 1	CON	Pending	13/956,164	7/31/2013				
18703	US	CON	CON	Published	13/905,019	5/29/2013	20130261384	10/3/2013		
18732	US		PRI	Published	12/770,581	4/29/2010	11-0270016	11/3/2011		
18732	US	CN1	CON	Pending	14/063,893	10/25/2013				
18733	US		PRI	Published	12/770,617	4/29/2010	11-0270017	11/3/2011		
18733	US	CIP1	CIP	Published	13/216,132	8/23/2011	12-0088962	4/12/2012		
18733	US	cip2co n1	CON	Pending	13/934,987	7/3/2013				
18733	US	CIP3C ON1	CON	Pending	13/965,041	8/12/2013				
18734	US		PRI	Published	12/771,609	4/30/2010	11-0270019	11/3/2011		
18734	US	CIP1	CIP	Published	13/019,238	2/1/2011	11-0270023	11/3/2011		
18734	US	CIP2C N1	CON	Pending	13/972,801	8/21/2013				
18735	US		PRI	Published	12/770,640	4/29/2010	11-0270018	11/3/2011		
18736	US		PRI	Published	12/768,496	4/27/2010	11-0263929	10/27/2011		
18738	US	CON1	CON	Published	13/909,467	6/4/2013	20130267773	10/10/2013		
18748	US		ORD	Published	13/427,678	3/22/2012	20120330095A 1	12/27/2012		
18756	US		ORD	Published	13/272,106	10/12/2011	12-0095492	4/19/2012		
18793	US	CON1	CON	Published	14/049,548	10/9/2013		5/3/2012		
18798	US	CON1	CON	Pending	13/937,100	7/8/2013				
18802	US		PRI	Published	12/902,085	10/11/2010	12-0089170	4/12/2012		
18802	US	cipecon	CON	Pending	14/034,177	9/23/2013				
18803	US		ORD	Published	13/275,224	10/17/2011	12-0191125	7/26/2012		
18819	US		ORD	Published	13/272,116	10/13/2011	12-0095493	4/19/2012		
18825	US	CON1	CON	Pending	13/938,010	7/9/2013				
18826	US		ORD	Published	13/276,904	10/19/2011	12-0095497	4/19/2012		
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18904	US	PRI	PRI	Published	13/085,906	4/13/2011	20120265456A 1	10/18/2012		
18910	US		ORD	Published	13/276,208	10/18/2011	12-0095483	4/19/2012		
18910	US	CON1	CON	Pending	13/921,082	6/18/2013				
18914	US		PRI	Published	13/104,260	5/10/2011	20120289769A 1	11/15/2012		
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18983	US		PRI	Published	13/218,300	8/25/2011	20130053629A 1	2/28/2013		
18986	US		PRI	Published	13/298,247	11/16/2011	13-0123574-A 1	5/16/2013		
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18988	US		PRI	Published	13/332,010	12/20/2011	20130158343	6/20/2013		
18989	US		PRI	Published	13/313,998	12/7/2011	20130150664	6/13/2013		
18999	US		ORD	Published	13/272,083	10/12/2011	12-0095484	4/19/2012		
19000	US		ORD	Published	13/275,166	10/17/2011	12-0095499	4/19/2012		
19000	US	CIP1	CIP	Published	13/470,940	5/11/2012	20120323160A 1	12/20/2012		
19001	US		ORD	Published	13/275,211	10/17/2011	12-0095495	4/19/2012		
19002	US	CON1	CON	Pending	13/931,561	6/28/2013				
19003	US		ORD	Published	13/272,131	10/12/2011	12-0095494	4/19/2012		
19007	US	CIP1	CIP	Published	13/565,670	8/2/2012	20130197661	8/1/2013		
19008	US		PRI	Published	13/356,459	1/23/2012	20130190557	7/25/2013		
19009	US		PRI	Published	13/356,401	1/23/2012	20130190892	7/25/2013		
19065	US		PRI	Published	13/372,171	2/13/2012	20130211440	8/15/2013		
19069	US	PCT1	PCT	Published	13/503,273	4/20/2012	20120221037A 1	8/30/2012		
19069	US	PCT2	PCT	Published	13/503,285	4/20/2012	20120232577A 1	9/13/2012		
19070	US		PCT	Published	13/635,332	9/14/2012	20130013084A 1	1/10/2013		
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19078	US	CON1	CON	Pending	14/049,351	10/9/2013				
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18180	US	1	CON	Granted	11/586,886	10/26/2006	07/0055296	3/8/2007	8,079,974	12/20/2011
18180	US	CON IDI VI	DIV	Published	13/018,322	1/31/2011	11-0130702	6/2/2011		
18180	US	CON 2	CON	Published	13/018,270	1/31/2011	11-0130701	6/2/2011		
18180	US	CON 3	CON	Granted	13/036,358	2/28/2011	11-0144670	6/16/2011	8,506,517	8/13/2013
18180	US	CON 4	CON	Published	13/184,340	7/15/2011	11-0270288	11/3/2011		
18181	US		PCT	Granted	10/506,790	9/7/2004	05/0104457	5/19/2005	7,314,443	1/1/2008
18181	US	CON 1	PCT	Granted	11/968,012	12/31/2007	08-0108862	5/8/2008	7,959,552	6/14/2011
18182	US		ORD	Granted	10/653,808	9/3/2003	05/0251182	11/10/2005	7,238,191	7/3/2007
18182	US	1	CIP	Granted	10/962,852	10/12/2004	05/0143765	6/30/2005	7,901,419	3/8/2011
18182	US	2	CIP	Granted	10/962,939	10/12/2004	05/0143766	6/30/2005	7,972,346	7/5/2011
18182	US	3	CON	Granted	11/772,613	7/2/2007	2008- 0027469	1/31/2008	8,012,162	9/6/2011
18182	US	CIP1 CON 1	CON	Published	13/039,198	3/2/2011	11-0152608	6/23/2013		
18182	US	CIP1 CON 2	CON	Pending	14/049,052	10/8/2013				
18183	US		ORD	Granted	10/653,807	9/3/2003	05/251181	11/10/2005	7,060,080	6/13/2006
18184	US		PCT	Granted	10/591,869	6/27/2007	07/0250085	10/25/2007	7,811,299	10/12/2010
18184	US	con1	CON	Granted	12/874,147	9/1/2010	11-0040141	2/17/2011	8,377,081	2/19/2013
18460	US		ORD	Granted	12/574,640	10/6/2009	10-0087843	4/8/2010	8,317,677	11/27/2012
18460	US	cip1	CIP	Published	12/816,310	6/15/2010	10-0305397	12/2/2010		
18655	US		ORD	Published	13/076,139	3/30/2011	11-0270025	11/3/2011		
18656	US		PRI	Published	12/946,757	11/15/2010	12-0123196	5/17/2012		
18745	US	CON 1	CON	Pending	13/923,056	6/20/2013				
18837	US	CON 1	CON	Pending	13/922,148	6/19/2013				