

TRADEMARK ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

Assignment ID: TMI192857

SUBMISSION TYPE:	NEW ASSIGNMENT		
NATURE OF CONVEYANCE:	RELEASE OF SECURITY INTEREST		
CONVEYING PARTY DATA			
Name	Formerly	Execution Date	Entity Type
WILMINGTON TRUST, NATIONAL ASSOCIATION		04/23/2024	National Association: DELAWARE
RECEIVING PARTY DATA			
Company Name:	Actient Pharmaceuticals LLC		
Street Address:	1400 Atwater Drive		
City:	Malvern		
State/Country:	PENNSYLVANIA		
Postal Code:	19355		
Entity Type:	Limited Liability Company: DELAWARE		
Company Name:	Astora Women's Health Holdings, LLC		
Street Address:	10700 Bren Road West		
City:	Minnetonka		
State/Country:	MINNESOTA		
Postal Code:	55343		
Entity Type:	Limited Liability Company: DELAWARE		
Company Name:	Astora Women's Health LLC		
Street Address:	1400 Atwater Drive		
City:	Malvern		
State/Country:	PENNSYLVANIA		
Postal Code:	19355		
Entity Type:	Limited Liability Company: DELAWARE		
Company Name:	Auxilium Pharmaceuticals, LLC		
Street Address:	1400 Atwater Drive		
City:	Malvern		
State/Country:	PENNSYLVANIA		
Postal Code:	19355		
Entity Type:	Limited Liability Company: DELAWARE		
Company Name:	Auxilium US Holdings, LLC		
Street Address:	1400 Atwater Drive		
City:	Malvern		

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State/Country:	PENNSYLVANIA
Postal Code:	19355
Entity Type:	Limited Liability Company: DELAWARE
Company Name:	Biospecifics Technologies Corp.
Street Address:	1400 Atwater Drive
City:	Malvern
State/Country:	PENNSYLVANIA
Postal Code:	19355
Entity Type:	Corporation: DELAWARE
Company Name:	Biospecifics Technologies LLC
Street Address:	1400 Atwater Drive
City:	Malvern
State/Country:	PENNSYLVANIA
Postal Code:	19355
Entity Type:	Limited Liability Company: DELAWARE
Company Name:	DAVA International, LLC
Street Address:	1400 Atwater Drive
City:	Malvern
State/Country:	PENNSYLVANIA
Postal Code:	19355
Entity Type:	Limited Liability Company: DELAWARE
Company Name:	DAVA Pharmaceuticals, LLC
Street Address:	One Ram Ridge Road
City:	Chestnut Ridge
State/Country:	NEW YORK
Postal Code:	10977
Entity Type:	Limited Liability Company: DELAWARE
Company Name:	Endo Pharmaceuticals Inc.
Street Address:	1400 Atwater Drive
City:	Malvern
State/Country:	PENNSYLVANIA
Postal Code:	19355
Entity Type:	Corporation: DELAWARE
Company Name:	Endo Pharmaceuticals Solutions Inc. (formerly known as Indevus Pharmaceuticals, Inc.)
Street Address:	1400 Atwater Drive
City:	Malvern
State/Country:	PENNSYLVANIA
Postal Code:	19355

Entity Type:	Corporation: DELAWARE
Company Name:	Generics Bidco I, LLC
Street Address:	One Ram Ridge Road
City:	Chestnut Ridge
State/Country:	NEW YORK
Postal Code:	10977
Entity Type:	Limited Liability Company: DELAWARE
Company Name:	Generics International (US), Inc.
Street Address:	One Ram Ridge Road
City:	Chestnut Ridge
State/Country:	NEW YORK
Postal Code:	10977
Entity Type:	Corporation: NEW YORK
Company Name:	Par Pharmaceutical, Inc.
Street Address:	One Ram Ridge Road
City:	Chestnut Ridge
State/Country:	NEW YORK
Postal Code:	10977
Entity Type:	Corporation: NEW YORK
Company Name:	Par Sterile Products, LLC (formerly known as JHP Pharmaceuticals, LLC)
Street Address:	6 Ram Ridge Road
City:	Chestnut Ridge
State/Country:	NEW YORK
Postal Code:	10977
Entity Type:	Limited Liability Company: DELAWARE
Company Name:	Quartz Specialty Pharmaceuticals, LLC
Street Address:	One Ram Ridge Road
City:	Chestnut Ridge
State/Country:	NEW YORK
Postal Code:	10977
Entity Type:	Limited Liability Company: DELAWARE
Company Name:	Slate Pharmaceuticals, LLC
Street Address:	1400 Atwater Drive
City:	Malvern
State/Country:	PENNSYLVANIA
Postal Code:	19355
Entity Type:	Limited Liability Company: DELAWARE
Company Name:	Vintage Pharmaceuticals, LLC
Street Address:	One Ram Ridge Road

City:	Chestnut Ridge
State/Country:	NEW YORK
Postal Code:	10977
Entity Type:	Limited Liability Company: DELAWARE
Company Name:	Endo Generic Holdings, Inc. (formerly known as Par Pharmaceuticals Companies, Inc.)
Street Address:	1400 Atwater Drive
City:	Malvern
State/Country:	PENNSYLVANIA
Postal Code:	19355
Entity Type:	Corporation: DELAWARE

PROPERTY NUMBERS Total: 148

Property Type	Number	Word Mark
Serial Number:	86775932	ENDO
Serial Number:	86235418	FINRELEZ
Serial Number:	86559235	NASCOBAL NUTRITION DIRECT
Serial Number:	86921310	OPHEDRIX
Serial Number:	86921289	CORLESCA
Serial Number:	86921301	CORPHEDRA
Serial Number:	87032484	PAR STERILE PRODUCTS PREFERRED
Serial Number:	87032474	PSP PREFERRED
Serial Number:	86338755	IQUENI
Serial Number:	86338737	LEMBALI
Serial Number:	86338599	IZADORI
Serial Number:	86338558	MONRI
Serial Number:	86338508	DISCRETE CHOICE
Serial Number:	86338488	DISCRETE OPTION
Serial Number:	86338474	CONTROL STEP
Serial Number:	86338460	SECOND-STEP
Serial Number:	86698153	MY OPTION
Serial Number:	86662612	JEZLI
Serial Number:	86467809	TRI-LO-PREVIFEM
Serial Number:	86457347	ENGILDA
Registration Number:	4392463	ACTIENT
Registration Number:	4392464	ACTIENT PHARMACEUTICALS
Registration Number:	3023249	SEMPREX
Registration Number:	2795914	STRIANT
Registration Number:	1392091	LEVATOL
Registration Number:	1259784	THEO-24

Property Type	Number	Word Mark
Registration Number:	1151441	DILATRATE
Registration Number:	2177234	EDEX
Registration Number:	4165007	ACTIENT
Registration Number:	4187212	ACTIENT PHARMACEUTICALS
Registration Number:	4098455	YOUROLOGY
Registration Number:	2767622	TESTIM
Registration Number:	3190743	TESTIM 1% (TESTOSTERONE GEL) III
Registration Number:	4746799	AUXILIUM ADVANTAGE
Registration Number:	4746800	AUXILIUM ADVANTAGE COMMITTED TO ACCESS
Registration Number:	4909786	THIS TIME HE WAS READY
Registration Number:	4648524	VIA PROJECT
Registration Number:	2754314	AUXILIUM
Registration Number:	3409698	AUXILIUM INNOVATIONS FOR LIFE
Registration Number:	3409699	INNOVATIONS FOR LIFE
Registration Number:	3333304	AUXILIUM
Registration Number:	1404578	RHEUMATREX
Registration Number:	2887378	R
Registration Number:	2916949	DOSE PACK
Registration Number:	2837320	VOSPIRE
Registration Number:	2902246	VOSPIRE ER
Registration Number:	3250845	DAVA PHARMACEUTICALS, INC.
Registration Number:	3051773	D
Registration Number:	3160114	D DAVA
Registration Number:	3870829	GASTRODOSE
Registration Number:	1051682	PERCOCET
Registration Number:	1062047	NUBAIN
Registration Number:	921439	MOBAN
Registration Number:	507983	PERCODAN
Registration Number:	324936	ENDO
Registration Number:	1993892	ENDOCET
Registration Number:	1995948	ENDODAN
Registration Number:	2004648	ENDO
Registration Number:	1936442	NUMORPHAN
Registration Number:	1412979	ZYDONE
Registration Number:	2267677	ENDO GENERIC PRODUCTS
Registration Number:	2317044	ENDO LABORATORIES
Registration Number:	2189503	ENDO
Registration Number:	2853072	LIDODERM

Property Type	Number	Word Mark
Registration Number:	2870973	LIDODERM
Registration Number:	2921176	ENDO
Registration Number:	1597110	LIDODERM
Registration Number:	3850437	GASTRODOSE
Registration Number:	4332987	A VISION FOR HEALTHCARE
Registration Number:	4552362	E
Registration Number:	4153422	FORTESTA (TESTOSTERONE) GEL CIII
Registration Number:	4101723	OPANA ER
Registration Number:	3585918	OPANA
Registration Number:	4605917	ENDO
Registration Number:	3951680	FORTESTA
Registration Number:	4538915	AVEED
Registration Number:	4347658	E
Registration Number:	4653200	E ENDO
Registration Number:	1920597	TIMERX
Registration Number:	5131687	ENDO ADVANTAGE
Registration Number:	5149307	ENDO ADVANTAGE
Registration Number:	4794099	AVEED
Registration Number:	2929415	VANTAS
Registration Number:	1638851	SUPPRELIN
Registration Number:	589157	DELATESTRYL
Registration Number:	4105047	ONCE-YEARLY SUPPRELIN LA (HISTRELIN ACETATE) SUBCUTANEOUS IMPLANT
Registration Number:	4108182	QUALITEST
Registration Number:	2499673	QUALITEST
Registration Number:	2595594	SULFAZINE
Registration Number:	3556687	CHERATUSSIN
Registration Number:	2502945	MEPERITAB
Registration Number:	1902162	ACCUSURE
Registration Number:	3857215	STRATIVA PHARMACEUTICALS
Registration Number:	4634338	BARIACTIV
Registration Number:	925391	APLISOL
Registration Number:	791696	QUESTRAN
Registration Number:	2157683	NASCOBAL
Registration Number:	937430	DANTRIUM
Registration Number:	619356	DELESTROGEN
Registration Number:	53934	ADRENALIN
Registration Number:	840783	KETALAR
Registration Number:	254956	PITOCIN

Property Type	Number	Word Mark
Registration Number:	254507	PITRESSIN
Registration Number:	1915772	TRIOSTAT
Registration Number:	699294	COLY-MYCIN
Registration Number:	695950	BREVITAL
Registration Number:	1106489	CAPOTEN
Registration Number:	1277831	DANTRIUM
Registration Number:	1835117	ACCOLATE
Registration Number:	4660355	VASOSTRICT
Registration Number:	4432295	DANTRIUM
Registration Number:	4471366	JHP PHARMACEUTICALS
Registration Number:	3825570	JHP PHARMACEUTICALS
Registration Number:	2009635	ACCOLATE
Registration Number:	3539636	JHP PHARMACEUTICALS PARTNERS FOR HEALTHCARE EXCELLENCE
Registration Number:	3670912	JHP PHARMACEUTICALS
Registration Number:	4687174	PAR
Registration Number:	4807093	PAR STERILE PRODUCTS
Registration Number:	4725175	PAR STERILE PRODUCTS
Registration Number:	4647341	PAR FORMULATIONS
Registration Number:	4072841	PAR PHARMACEUTICAL COMPANIES
Registration Number:	3340941	PAR PHARMACEUTICAL COMPANIES, INC.
Registration Number:	3225564	
Registration Number:	3118058	PAR PHARMACEUTICAL
Registration Number:	1685013	PIN-X
Registration Number:	1089034	TESTOPEL
Registration Number:	1089033	ESTRAPEL
Registration Number:	4026539	ORSYTHIA
Registration Number:	4070985	GILDESS FE
Registration Number:	2872679	TRI-PREVIFEM
Registration Number:	2872678	PREVIFEM
Registration Number:	3998554	EMOQUETTE
Registration Number:	3681267	GILDESS
Registration Number:	1994771	VINTAGE
Registration Number:	4250620	MYZILRA
Registration Number:	4309564	GILDAGIA
Registration Number:	3551524	IBUDONE
Registration Number:	3806991	VINTAGE PHARMACEUTICALS, LLC
Registration Number:	3807004	VINTAGE PHARMACEUTICALS, LLC
Registration Number:	4814357	KIMIDESS

Property Type	Number	Word Mark
Registration Number:	3290764	BOCA PHARMACAL
Registration Number:	3290763	BOCA PHARMACAL
Registration Number:	4932640	CYCLAFEM 7/7/7
Registration Number:	4932639	CYCLAFEM
Registration Number:	4030236	VI-Q-TUSS
Registration Number:	4932634	CYCLAFEM 1/35
Registration Number:	3740487	VALSTAR
Registration Number:	3060635	OPANA

CORRESPONDENCE DATA

Fax Number: 2127352000
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: 2127352811
Email: mribando@skadden.com
Correspondent Name: Ms. Monique L Ribando
Address Line 1: Skadden, Arps, Slate, Meagher & Flom LLP
Address Line 2: One Manhattan West
Address Line 4: New York, NEW YORK 10001-8602

NAME OF SUBMITTER:	MONIQUE RIBANDO
SIGNATURE:	MONIQUE RIBANDO
DATE SIGNED:	04/25/2024

Total Attachments: 47

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RELEASE OF SECURITY INTEREST IN INTELLECTUAL PROPERTY

This RELEASE OF SECURITY INTEREST IN INTELLECTUAL PROPERTY (this “Release”), dated as of April 23, 2024, is made by WILMINGTON TRUST, NATIONAL ASSOCIATION, as Collateral Trustee for the Secured Parties (in such capacities, the “Collateral Trustee”), in favor of ACTIENT PHARMACEUTICALS LLC (“Actient”), ASTORA WOMEN’S HEALTH HOLDINGS, LLC (“Astora Holdings”), ASTORA WOMEN’S HEALTH LLC (“Astora”), AUXILIUM PHARMACEUTICALS, LLC (“Auxilium Pharmaceuticals”), AUXILIUM US HOLDINGS, LLC (“Auxilium US”), BIOSPECIFICS TECHNOLOGIES CORP. (“Biospecifics Corp.”), BIOSPECIFICS TECHNOLOGIES LLC (“Biospecifics LLC”), DAVA INTERNATIONAL, LLC (“Dava”), DAVA PHARMACEUTICALS, LLC (“Dava Pharmaceuticals”), ENDO GENERIC HOLDINGS, INC. (formerly known as PAR PHARMACEUTICALS COMPANIES, INC.) (“Endo Generic”), ENDO PHARMACEUTICALS INC. (“Endo Pharmaceuticals”), ENDO PHARMACEUTICALS SOLUTIONS INC. (formerly known as INDEVUS PHARMACEUTICALS, INC.) (“Endo Pharmaceuticals Solutions”), GENERICS BIDCO I, LLC (“Generics Bidco”), GENERICS INTERNATIONAL (US), INC. (“Generics International”), PAR PHARMACEUTICAL, INC. (“Par”), PAR STERILE PRODUCTS, LLC (formerly known as JHP PHARMACEUTICALS, LLC) (“Par Sterile Products”), QUARTZ SPECIALTY PHARMACEUTICALS, LLC (“Quartz”), SLATE PHARMACEUTICALS, LLC (“Slate”), and VINTAGE PHARMACEUTICALS, LLC (“Vintage”) (each a “Grantor,” and collectively the “Grantors”). All capitalized terms used herein and not otherwise defined herein shall have the meaning assigned to such terms (directly or by reference) in the US Security Agreement or applicable IP Security Agreement (each as defined below), as applicable.

WHEREAS, the Grantors, certain Domestic Subsidiaries of Parent and the Collateral Trustee entered into a US Pledge and Security Agreement dated as of April 27, 2017 (as amended, restated, supplemented or otherwise modified from time to time, the “US Security Agreement”);

WHEREAS, pursuant to the US Security Agreement, Actient, Auxilium Pharmaceuticals, Auxilium US, Dava, Dava Pharmaceuticals, Endo Pharmaceuticals, Endo Pharmaceuticals Solutions, Generics Bidco, Endo Generic, Par, Generics International, Quartz, Slate and Vintage entered into a Confirmatory Grant of Security Interest in United States Trademarks, dated April 27, 2017 (as amended, restated, amended and restated, supplemented or otherwise modified from time to time, the “2017 Trademark Security Agreement”), in favor of the Collateral Trustee, which was recorded with the United States Patent and Trademark Office (“USPTO”) on June 8, 2017 at Reel/Frames 6080/0459; 6080/0477; 6080/0495; 6080/0516; 6080/0534; 6080/0552; 6080/0570; 6080/0617; 6080/0635; 6080/0653; 6080/0672; 6080/0690; 6080/0708; 6080/0729; in each case, in respect of the applicable Grantor;

WHEREAS, pursuant to the US Security Agreement, Astora Holdings, Astora, Auxilium Pharmaceuticals, Auxilium US, Endo Pharmaceuticals, Endo Pharmaceuticals Solutions, Endo Generic and Par entered into a Confirmatory Grant of Security Interest in United States Patents, dated April 27, 2017 (as amended, restated, amended and restated, supplemented or otherwise modified from time to time, the “2017 Patent Security Agreement”), in favor of the Collateral Trustee, which was recorded with the USPTO on June 8, 2017 at Reel/Frames 42742/0407;

42742/0892; 42742/0855; 42742/0922; 42743/0078; 42743/0216; 42743/0001; 42743/0278; in each case, in respect of the applicable Grantor;

WHEREAS, pursuant to the US Security Agreement, Endo Pharmaceuticals, Endo Pharmaceuticals Solutions, Par Sterile Products and Endo Generic entered into a Confirmatory Grant of Security Interest in United States Copyrights, dated April 27, 2017 (as amended, restated, amended and restated, supplemented or otherwise modified from time to time, the “2017 Copyright Security Agreement”), in favor of the Collateral Trustee, which was recorded with the United States Copyright Office (“USCO”) on May 26, 2020 at Volume/Document V9947D420;

WHEREAS, pursuant to the US Security Agreement, Endo Pharmaceuticals, Par and Auxilium US entered into a Confirmatory Grant of Security Interest in United States Trademarks, dated May 13, 2020 (as amended, restated, amended and restated, supplemented or otherwise modified from time to time, the “2020 Trademark Security Agreement”), in favor of the Collateral Trustee, which was recorded with the USPTO on May 26, 2020 at Reel/Frame 6946/0329;

WHEREAS, pursuant to the US Security Agreement, Astora, Endo Pharmaceuticals Solutions, Endo Pharmaceuticals and Par entered into a Confirmatory Grant of Security Interest in United States Patents, dated May 13, 2020 (as amended, restated, amended and restated, supplemented or otherwise modified from time to time, the “2020 Patent Security Agreement”), in favor of the Collateral Trustee, which was recorded with the USPTO on May 26, 2020 at Reel/Frame 52752/0269;

WHEREAS, pursuant to the US Security Agreement, Endo Pharmaceuticals and Par entered into a Confirmatory Grant of Security Interest in United States Copyrights, dated May 13, 2020 (as amended, restated, amended and restated, supplemented or otherwise modified from time to time, the “2020 Copyright Security Agreement”), in favor of the Collateral Trustee, which was recorded with the USCO on May 22, 2020 at Volume/Document V9985D347;

WHEREAS, pursuant to the US Security Agreement, Biospecifics Corp. entered into a Supplement to Confirmatory Grant of Security Interest in United States Patents, dated December 2, 2020 (as amended, restated, amended and restated, supplemented or otherwise modified from time to time, the “2020 Supplement Patent Security Agreement”), in favor of the Collateral Trustee, which was recorded with the USPTO on December 2, 2020 at Reel/Frame 54575/0678;

WHEREAS, pursuant to the US Security Agreement, Endo Pharmaceuticals and Par entered into a Confirmatory Grant of Security Interest in United States Trademarks, dated March 29, 2021 (as amended, restated, amended and restated, supplemented or otherwise modified from time to time, the “2021 Trademark Security Agreement” (together with the 2017 Trademark Security Agreement, the 2020 Trademark Security Agreement, the “Trademark Security Agreements”)), in favor of the Collateral Trustee, which was recorded with the USPTO on April 6, 2021 at Reel/Frame 7247/0588;

WHEREAS, pursuant to the US Security Agreement, Biospecifics LLC, Par, Auxilium US, Astora, Endo Pharmaceuticals Solutions and Endo Pharmaceuticals entered into a Confirmatory Grant of Security Interest in United States Patents, dated March 29, 2021 (as amended, restated,

amended and restated, supplemented or otherwise modified from time to time, the “2021 Patent Security Agreement” (together with the 2017 Patent Security Agreement, the 2020 Patent Security Agreement, and 2020 Supplement Patent Security Agreement, the “Patent Security Agreements”), in favor of the Collateral Trustee, which was recorded with the USPTO on April 6, 2020 at Reel/Frame 55845/0618;

WHEREAS, pursuant to the US Security Agreement, Par Sterile Products, Endo Pharmaceuticals and Endo Pharmaceuticals Solutions entered into a Confirmatory Grant of Security Interest in United States Copyrights, dated March 29, 2021 (as amended, restated, amended and restated, supplemented or otherwise modified from time to time, the “2021 Copyright Security Agreement” (together with the 2017 Copyright Security Agreement and 2020 Copyright Security Agreement, the “Copyright Security Agreements”), in favor of the Collateral Trustee, which was recorded with the USCO on April 8, 2021 at Volume/Document V9990D976;

WHEREAS, pursuant to the US Security Agreement and the Trademark Security Agreements, each Grantor party thereto pledged and granted to the Collateral Trustee, on behalf of and for the benefit of the Secured Parties, a security interest in (other than applications for trademarks or service marks filed in the USPTO or any successor office thereto on the basis of any such Grantor’s intent-to-use such trademark or service mark, prior to the filing of an amendment with the USPTO under 15 U.S.C. §1051(c) that brings the application into conformity with 15 U.S.C. §1051(a) or the filing of a verified statement of use with the USPTO under 15 U.S.C. §1051(d) that has been examined and accepted by the USPTO) all of such Grantor’s right, title and interest, wherever located and whether then owned or thereafter acquired (the “Trademark Security Interest”), in and to (collectively, the “Released Trademark Collateral”):

(1) such Grantor’s trademarks (including service marks), trade names, trade styles, trade dress and the registrations and applications for registration thereof, including the goodwill of the business symbolized by the foregoing (collectively, the “Trademarks”), including the Trademarks listed in Schedule I attached hereto (under the applicable Reel/Frame number);

(2) all renewals of the foregoing;

(3) all income, royalties, damages, claims and payments then or thereafter due or payable with respect thereto, including, without limitation, damages, claims, and payments for past and future infringements and dilutions thereof;

(4) all rights to sue for past, present, and future infringements and dilutions of the foregoing, including the right to settle suits involving claims and demands for royalties owing; and

(5) all rights corresponding to any of the foregoing throughout the world.

WHEREAS, pursuant to the US Security Agreement and the Patent Security Agreements, each Grantor party thereto pledged and granted to the Collateral Trustee, on behalf of and for the benefit of the Secured Parties, a security interest in all of such Grantor’s right, title and interest, wherever located and whether then owned or thereafter acquired (the “Patent Security Interest”), in and to (collectively, the “Released Patent Collateral”):

(1) any and all patents and patent applications (“Patents”), including the Patents listed in Schedule II attached hereto (under the applicable Reel/Frame number);

(2) all inventions and improvements described and claimed therein;

(3) all reissues, divisionals, continuations, renewals, extensions, and continuations-in-part thereof;

(4) all income, royalties, damages, claims, and payments then or thereafter due or payable under and with respect thereto, including, without limitation, damages and payments for past and future infringements thereof;

(5) all rights to sue for past, present, and future infringements thereof; and

(6) all rights corresponding to any of the foregoing throughout the world.

WHEREAS, pursuant to the US Security Agreement and the Copyright Security Agreements, each Grantor party thereto pledged and granted to the Collateral Trustee, on behalf of and for the benefit of the Secured Parties, a security interest in all of such Grantor’s right, title and interest, wherever located and whether then owned or thereafter acquired (the “Copyright Security Interest”), in and to (collectively, the “Released Copyright Collateral”):

(1) all copyrights, rights and interests in copyrights, works protectable by copyright, copyright registrations, and copyright applications (“Copyrights”), including the Copyrights listed in Schedule III attached hereto (under the applicable Volume/Document number);

(2) all extensions of any of the foregoing;

(3) all income, royalties, damages, claims and payments now or hereafter due and/or payable under any of the foregoing, including, without limitation, damages or payments for past or future infringements for any of the foregoing;

(4) the right to sue for past, present, and future infringements of any of the foregoing; and

(5) all rights corresponding to any of the foregoing throughout the world; and

WHEREAS, the Collateral Trustee, without recourse, representation or warranty of any kind (express or implied), has agreed to release and fully discharge its security interest, including the Trademark Security Interest, Patent Security Interest and Copyright Security Interest (collectively, the “Security Interests”), in and to the respective Released Trademark Collateral, Released Patent Collateral and Released Copyright Collateral (collectively, the “Released IP Collateral”) that was granted pursuant to the US Security Agreement and respective Trademark Security Agreements, Patent Security Agreements, and Copyright Security Agreements (collectively, the “IP Security Agreements”).

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the Collateral Trustee hereby agrees as follows:

SECTION 1. Release of Grant of Security. The Collateral Trustee, without any recourse, representation, warranty or other assurance of any kind, hereby (i) terminates and cancels the IP Security Agreements, (ii) releases and fully discharges its Security Interests in (and any other of its right, title and interest in and to) the Released IP Collateral that was pledged, assigned or granted to it pursuant to the IP Security Agreements or US Security Agreement, as applicable, and (iii) re-assigns to each applicable Grantor any right, title or interest it may have in or to the Released IP Collateral of such Grantor.

SECTION 2. Recordation. The Collateral Trustee authorizes and requests, at the Grantors' sole cost and expense, and without recourse, representation or warranty of any kind (express or implied), that the Commissioner for Trademarks of the United States Patent and Trademark Office, the Commissioner for Patents of the United States Patent and Trademark office, the Register of Copyrights of the United States Copyright Office, and any other applicable government officer record this Release.

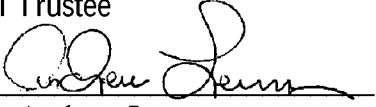
SECTION 3. Execution. Delivery of an executed signature page of this Release by email or other electronic means (including in ".pdf" or ".tif" format) shall be as effective as delivery of a manually executed signature page of this Release.

SECTION 4. Governing Law. THIS RELEASE SHALL BE CONSTRUED IN ACCORDANCE WITH AND GOVERNED BY THE LAW OF THE STATE OF NEW YORK.

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IN WITNESS WHEREOF, the Collateral Trustee has caused this Release to be duly executed and delivered by its officer thereunto duly authorized as of the date first above written.

WILMINGTON TRUST, NATIONAL
ASSOCIATION,
as Collateral Trustee

By: 
Name: Andrew Lennon
Title: Assistant Vice President

[Signature Page to Release of Security Interest in IP]

TRADEMARK
REEL: 008410 FRAME: 0885

SCHEDULE I
RELEASED TRADEMARK COLLATERAL


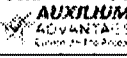

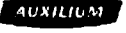
Reel/Frames 6080/0459; 6080/0477; 6080/0495; 6080/0516; 6080/0534; 6080/0552; 6080/0570;
6080/0617; 6080/0635; 6080/0653; 6080/0672; 6080/0690; 6080/0708; 6080/0729

State Trademarks – United States

State (US)	Trademark	Reg. No. Reg. Date	Class(es)	Status	Owner
North Dakota	PAR PHARMACEUTICAL	40020500 29-OCT-2015	35	Registered	Generics Bidco I, LLC
Alabama	PAR PHARMACEUTICAL	115691 19-OCT-2015	35 40	Registered	Generics Bidco I, LLC
Alabama	QUALITEST PHARMACEUTICALS Qualitest Pharmaceuticals	111141 13-AUG-2008	5	Registered	Generics Bidco I, LLC
Alabama	QUALITEST PHARMACEUTICALS Qualitest Pharmaceuticals	111182 12-SEP-2008	3 5 44	Registered	Generics International (US), Inc
Alabama	QUALITEST PHARMACEUTICALS Qualitest Pharmaceuticals	111181 12-SEP-2008	3 5 44	Registered	Quartz Speciality Pharmaceuticals, LLC
Alabama	PAR PHARMACEUTICAL	116341 28-JUL-2016	35 39 40	Registered	Generics International (US), Inc.
Alabama	PAR PHARMACEUTICAL	115691 19-OCT-2015	35 40	Registered	Generics International (US), Inc.
Alabama	PAR PHARMACEUTICAL	115692 19-OCT-2015	35 40	Registered	Generics International (US), Inc.
Alabama	PROPST PHARMACEUTICALS PROPST	108645 04-NOV-2002	5	Registered	Propst Pharmaceuticals, LLC ¹
Alabama	PAR PHARMACEUTICAL	115693 19-OCT-2015	35 40	Registered	Quartz Speciality Pharmaceuticals, LLC
Alabama	PAR PHARMACEUTICAL	115694 19-OCT-2015	35 40	Registered	Vintage Pharmaceuticals, LLC

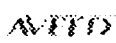
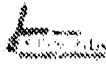

¹ Former name of Quartz Speciality Pharmaceuticals, LLC

U.S. Federal Trademarks

No.	Trademark	App. No. App. Date	Reg. No. Reg. Date	Class(es)	Status	Owner
1.	ACTIENT	77684171 05-MAR-2009	4392463 27-AUG-2013	5	Registered	Actient Pharmaceuticals LLC
2.	ACTIENT PHARMACEUTICALS	77684190 05-MAR-2009	4392464 27-AUG-2013	5	Registered	Actient Pharmaceuticals LLC
3.	SEMPREX	78429596 03-JUN-2004	3023249 06-DEC-2005	5	Renewed in 2015	Actient Pharmaceuticals LLC
4.	STRIANT	76442855 19-AUG-2002	2795914 16-DEC-2003	5	Renewed in 2013	Actient Pharmaceuticals LLC
5.	LEVATOL	73558642 16-SEP-1985	1392091 06-MAY- 1986	5	Renewed in 2015	Actient Pharmaceuticals LLC
6.	THEO-24	73369262 14-JUN-1982	1259784 06-DEC-1983	5	Renewed in 2013	Actient Pharmaceuticals LLC
7.	DILATRATE	73225986 03-AUG-1979	1151441 21-APR-1981	5	Renewed in 2011	Actient Pharmaceuticals LLC
8.	EDEX	75089727 17-APR-1996	2177234 28-JUL-1998	5	Renewed in 2008	Actient Pharmaceuticals LLC
9.	ACTIENT	77983129 05-MAR-2009	4165007 26-JUN-2012	35 42	Registered	Actient Pharmaceuticals LLC
10.	ACTIENT PHARMACEUTICALS	77983131 05-MAR-2009	4187212 07-AUG-2012	35 42	Registered	Actient Pharmaceuticals LLC
11.	YOUROLOGY	85331274 26-MAY-2011	4098455 14-FEB-2012	5	Registered	Actient Pharmaceuticals, LLC
12.	TESTIM	76310800 07-SEP-2001	2767622 23-SEP-2003	5	Renewed in 2013	Auxilium Pharmaceuticals, Inc.*
13.	TESTIM 1% (TESTOSTERONE GEL) III 	76653201 06-JAN-2006	3190743 02-JAN-2007	5	Renewed in 2016	Auxilium Pharmaceuticals, Inc.*
14.	AUXILIUM ADVANTAGE	86377183 26-AUG-2014	4746799 02-JUN-2015	35	Registered	Auxilium US Holdings, LLC
15.	AUXILIUM ADVANTAGE COMMITTED TO ACCESS 	86377210 26-AUG-2014	4746800 02-JUN-2015	35	Registered	Auxilium US Holdings, LLC
16.	THIS TIME HE WAS READY	86459962 20-NOV-2014	4909786 01-MAR-2016	44	Registered	Auxilium US Holdings, LLC
17.	VIA PROJECT 	86247222 09-APR-2014	4648524 02-DEC-2014	35 45	Registered	Auxilium US Holdings, LLC
18.	AUXILIUM	76975483 15-AUG-2000	2754314 19-AUG-2003	5	Renewed in 2013	Auxilium US Holdings, LLC.
19.	AUXILIUM INNOVATIONS FOR LIFE	76673067 23-FEB-2007	3409698 08-APR-2008	44	Registered	Auxilium US Holdings, LLC.
20.	INNOVATIONS FOR LIFE	76673068 23-FEB-2007	3409699 08-APR-2008	44	Registered	Auxilium US Holdings, LLC.
21.	AUXILIUM 	76673677 05-MAR-2007	3333304 13-NOV-2007	5 44	Renewed in 2016	Auxilium US Holdings, LLC.
22.	RHEUMATREX	73546097 02-JUL-1985	1404578 12-AUG-1986	5	Expired	Dava International, Inc.*

No.	Trademark	App. No. App. Date	Reg. No. Reg. Date	Classes)	Status	Owner
23.	 R	76524876 16-JUN-2003	2887378 21-SEP-2004	5	Renewed in 2014	Dava International, Inc.*
24.	DOSE PACK 	76524877 16-JUN-2003	2916949 11-JAN-2005	5	Renewed in 2014	Dava International, Inc.*
25.	VOSPIRE	78155635 19-AUG-2002	2837320 27-APR-2004	5	Renewed in 2013	Dava Pharmaceuticals, Inc.*
26.	VOSPIRE ER	78155642 19-AUG-2002	2902246 09-NOV-2004	5	Renewed in 2014	Dava Pharmaceuticals, Inc.*
27.	DAVA PHARMACEUTICALS, INC.	78778968 22-DEC-2005	3250845 12-JUN-2007	5	Renewed in 2016	Dava Pharmaceuticals, Inc.*
28.	 D	78464254 09-AUG-2004	3051773 24-JAN-2006	5	Renewed in 2015	Dava Pharmaceuticals, Inc.*
29.	D DAVA 	78462577 05-AUG-2004	3160114 17-OCT-2006	5	Renewed in 2016	Dava Pharmaceuticals, Inc.*
30.	GASTRODOSE	77267499 29-AUG-2007	3870829 02-NOV-2010	42	Registered	Endo Pharmaceuticals Inc.
31.	PERCOCET	73072165 18-DEC-1975	1051682 02-NOV-1976	5	Renewed in 2016	Endo Pharmaceuticals Inc.
32.	NUBAIN	73082855 05-APR-1976	1062047 29-MAR-1977	5	Renewed in 2016	Endo Pharmaceuticals Inc.
33.	MOBAN	72363906 29-JUN-1970	0921439 05-OCT-1971	5	Renewed in 2011	Endo Pharmaceuticals Inc.
34.	PERCODAN	71553092 26-MAR-1948	0507983 22-MAR-1949	5	Renewed in 2008	Endo Pharmaceuticals Inc.
35.	ENDO 	71360540 22-JAN-1935	0324936 04-JUN-1935	5	Renewed in 2015	Endo Pharmaceuticals Inc.
36.	ENDOCET	74519259 22-APR-1994	1993892 13-AUG-1996	5	Renewed in 2016	Endo Pharmaceuticals Inc.
37.	ENDODAN	74519256 22-APR-1994	1995948 20-AUG-1996	5	Renewed in 2016	Endo Pharmaceuticals Inc.
38.	ENDO	74464554 01-DEC-1993	2004648 01-OCT-1996	5	Renewed in 2016	Endo Pharmaceuticals Inc.
39.	NUMORPHAN	74494055 24-FEB-1994	1936442 21-NOV-1995	5	Renewed in 2015	Endo Pharmaceuticals Inc.
40.	ZYDONE	73588206 17-MAR-1986	1412979 14-OCT-1986	5	Renewed in 2015	Endo Pharmaceuticals Inc.
41.	ENDO GENERIC PRODUCTS	75347955 27-AUG-1997	2267677 03-AUG-1999	5	Renewed in 2008	Endo Pharmaceuticals Inc.
42.	ENDO LABORATORIES	75347956 27-AUG-1997	2317044 08-FEB-2000	5	Renewed in 2008	Endo Pharmaceuticals Inc.
43.	ENDO 	75431737 10-FEB-1998	2189503 15-SEP-1998	5	Renewed in 2007	Endo Pharmaceuticals Inc.
44.	LIDODERM 	76522165 12-JUN-2003	2853072 15-JUN-2004	5	Renewed in 2014	Endo Pharmaceuticals Inc.
45.	LIDODERM	76487897 06-FEB-2003	2870973 10-AUG-2004	5	Renewed in 2014	Endo Pharmaceuticals Inc.
46.	ENDO 	76453299 25-SEP-2002	2921176 25-JAN-2005	5	Renewed in 2015	Endo Pharmaceuticals Inc.

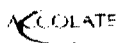

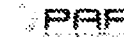
No.	Trademark	App. No. App. Date	Reg. No. Reg. Date	Class(es)	Status	Owner
47.	OPANA	76478457 20-DEC-2002	3060635 21-FEB-2006	5	Renewed in 2015	Endo Pharmaceuticals Inc.
48.	LIDODERM	73790107 30-MAR-1989	1597110 22-MAY-1990	5	Renewed in 2009	Endo Pharmaceuticals Inc.
49.	GASTRODOSE 	77278904 13-SEP-2007	3850437 21-SEP-2010	42	Registered	Endo Pharmaceuticals Inc.
50.	A VISION FOR HEALTHCARE Cross References: A VISION FOR HEALTH CARE	85978728 22-FEB-2012	4332987 07-MAY-2013	44	Registered	Endo Pharmaceuticals Inc.
51.	 E	85710054 22-AUG-2012	4552362 17-JUN-2014	16 44	Registered	Endo Pharmaceuticals Inc.
52.	FORTESTA (TESTOSTERONE)  GEL CIII	85432595 27-SEP-2011	4153422 05-JUN-2012	16 44	Registered	Endo Pharmaceuticals Inc.
53.	 OPANA ER	85341864 09-JUN-2011	4101723 21-FEB-2012	16 44	Registered	Endo Pharmaceuticals Inc.
54.	OPANA	77471835 12-MAY-2008	3585918 10-MAR-2009	16 44	Registered	Endo Pharmaceuticals Inc.
55.	 ENDO	85549674 22-FEB-2012	4605917 16-SEP-2014	5 16 44	Registered	Endo Pharmaceuticals Inc.
56.	FORTESTA	77821931 08-SEP-2009	3951680 26-APR-2011	5 16 44	Registered	Endo Pharmaceuticals Inc.
57.	AVEED	85791387 30-NOV-2012	4538915 27-MAY-2014	5	Registered	Endo Pharmaceuticals Inc.
58.	 E	85549621 22-FEB-2012	4347658 04-JUN-2013	5 10 16 44	Registered	Endo Pharmaceuticals Inc.
59.	 E ENDO	85498455 19-DEC-2011	4653200 09-DEC-2014	5 41 44	Registered	Endo Pharmaceuticals Inc.
60.	TIMERX 	74137028 07-FEB-1991	1920597 19-SEP-1995	1	Renewed in 2015	Endo Pharmaceuticals Inc.
61.	ENDO	86775932 02-OCT-2015		10	Published (Pending) Section 2(F) Section 44(D) Intent to Use	Endo Pharmaceuticals Inc.
62.	ENDO ADVANTAGE	86903528 10-FEB-2016	5131687 31-JAN-2017	35	Registered	Endo Pharmaceuticals Inc.
63.	ENDO ADVANTAGE	86903552 10-FEB-2016	5149307 28-FEB-2017	35	Registered	Endo Pharmaceuticals Inc.

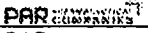


No.	Trademark	App. No. App. Date	Reg. No. Reg. Date	Class(es)	Status	Owner
64.	 AVEED	86488946 23-DEC-2014	4794099 18-AUG-2015	16 44	Registered	Endo Pharmaceuticals Inc.
65.	FINRELEZ	86235418 28-MAR-2014		5	Published (Pending) Intent to Use	Endo Pharmaceuticals Inc.
66.	VANTAS	76522929 17-JUN-2003	2929415 01-MAR-2005	5	Renewed in 2015	Endo Pharmaceuticals Solutions Inc.
67.	SUPPRELIN	74004595 22-NOV-1989	1638851 26-MAR-1991	5	Renewed in 2010	Endo Pharmaceuticals Solutions Inc.
68.	DELATESTRYL	71649803 03-JUL-1953	0589157 27-APR-1954	5	Renewed in 2014	Endo Pharmaceuticals Solutions Inc.
69.	ONCE-YEARLY SUPPRELIN LA (HISTRELIN ACETATE) SUBCUTANEOUS IMPLANT SUBCUTANEOUS  IMPLANT	85354181 23-JUN-2011	4105047 28-FEB-2012	16 44	Registered	Endo Pharmaceuticals Solutions Inc.
70.	QUALITEST 	85354137 23-JUN-2011	4108182 06-MAR-2012	5	Registered	Generics Bidco I, LLC
71.	QUALITEST	75882595 27-DEC-1999	2499673 23-OCT-2001	5	Renewed in 2010	Generics Bidco I, LLC
72.	SULFAZINE	76116106 24-AUG-2000	2595594 16-JUL-2002	5	Renewed in 2012	Generics Bidco I, LLC
73.	CHERATUSSIN	77470478 09-MAY-2008	3556687 06-JAN-2009	5	Registered	Generics Bidco I, LLC
74.	MEPERITAB	75864676 06-DEC-1999	2502945 30-OCT-2001	5	Renewed in 2010	Generics Bidco I, LLC
75.	ACCUSURE	74447751 18-OCT-1993	1902162 27-JUN-1995	10	Renewed in 2015	Generics Bidco I, LLC
76.	STRATIVA PHARMACEUTICALS	77261890 22-AUG-2007	3857215 05-OCT-2010	5 42	Registered	Par Pharmaceutical Companies, Inc. ²
77.	BARIACTIV	86214843 07-MAR-2014	4634338 04-NOV-2014	5	Registered	Par Pharmaceutical Companies, Inc. ³
78.	NASCOBAL NUTRITION DIRECT	86559235 10-MAR-2015		39	Published (Pending)	Par Pharmaceutical Companies, Inc. ⁴
79.	APLISOL	72379567 28-DEC-1970	0925391 14-DEC-1971	5	Renewed in 2011	Par Pharmaceutical, Inc.
80.	QUESTRAN	72203317 05-OCT-1964	0791696 29-JUN-1965	5	Renewed in 2015	Par Pharmaceutical, Inc.
81.	NASCOBAL	75194046 06-NOV-1996	2157683 12-MAY-	5	Renewed in 2009	Par Pharmaceutical, Inc.

² Former name of Endo Generics Holdings, Inc.

³ Former name of Endo Generics Holdings, Inc.

⁴ Former name of Endo Generics Holdings, Inc.

No.	Trademark	App. No. App. Date	Reg. No. Reg. Date	Class(es)	Status	Owner
			1998			
82.	DANTRIUM	72387314 24-MAR-1971	0937430 11-JUL-1972	5	Renewed in 2013	Par Pharmaceutical, Inc.
83.	DELESTROGEN	71677901 07-DEC-1954	0619356 17-JAN-1956	5	Renewed in 2015	Par Pharmaceutical, Inc.
84.	ADRENALIN	71011909 22-AUG-1905	0053934 12-JUN-1906	5	Renewed in 2016	Par Pharmaceutical, Inc.
85.	KETALAR	72276388 20-JUL-1967	0840783 19-DEC-1967	5	Renewed in 2008	Par Pharmaceutical, Inc.
86.	PITOCIN	71274724 02-NOV-1928	0254956 02-APR-1929	5	Renewed in 2009	Par Pharmaceutical, Inc.
87.	PITRESSIN	71274727 02-NOV-1928	0254507 26-MAR-1929	5	Renewed in 2009	Par Pharmaceutical, Inc.
88.	TRIOSTAT	74192885 07-AUG-1991	1915772 29-AUG-1995	5	Renewed in 2015	Par Pharmaceutical, Inc.
89.	COLY-MYCIN	72082457 30-SEP-1959	0699294 14-JUN-1960	5	Renewed in 2009	Par Pharmaceutical, Inc.
90.	BREVITAL	72082247 28-SEP-1959	0695950 12-APR-1960	5	Renewed in 2009	Par Pharmaceutical, Inc.
91.	CAPOTEN	73164605 03-APR-1978	1106489 21-NOV-1978	5	Renewed in 2008	Par Pharmaceutical, Inc.
92.	DANTRIUM	73418728 24-MAR-1983	1277831 15-MAY-1984	5	Renewed in 2013	Par Pharmaceutical, Inc.
93.	ACCOLATE	74263467 07-APR-1992	1835117 10-MAY-1994	5	Renewed in 2014	Par Pharmaceutical, Inc.
94.	VASOSTRICT	85914777 25-APR-2013	4660355 23-DEC-2014	5	Registered	Par Pharmaceutical, Inc.
95.	DANTRIUM	85892501 02-APR-2013	4432295 12-NOV-2013	5	Registered	Par Pharmaceutical, Inc.
96.	JHP PHARMACEUTICALS	85479160 22-NOV-2011	4471366 21-JAN-2014	5	Registered	Par Pharmaceutical, Inc.
97.	JHP PHARMACEUTICALS	77339615 29-NOV-2007	3825570 27-JUL-2010	5	Registered	Par Pharmaceutical, Inc.
98.	ACCOLATE 	74671240 08-MAY-1995	2009635 22-OCT-1996	5	Renewed in 2007 Section 44(D)	Par Pharmaceutical, Inc.
99.	JHP PHARMACEUTICALS PARTNERS FOR HEALTHCARE EXCELLENCE 	77339618 29-NOV-2007	3539636 02-DEC-2008	40	Registered	Par Pharmaceutical, Inc.
100.	JHP PHARMACEUTICALS	77977348 29-NOV-2007	3670912 18-AUG-2009	5	Registered	Par Pharmaceutical, Inc.
101.	PAR	86182802 03-FEB-2014	4687174 17-FEB-2015	5 40 42	Registered	Par Pharmaceutical, Inc.
102.	PAR STERILE PRODUCTS 	86463066 24-NOV-2014	4807093 08-SEP-2015	5 40 42	Registered	Par Pharmaceutical, Inc.

No.	Trademark	App. No. App. Date	Reg. No. Reg. Date	Class(es)	Status	Owner
103.	PAR STERILE PRODUCTS	86224003 18-MAR-2014	4725175 21-APR-2015	5 40 42	Registered	Par Pharmaceutical, Inc.
104.	PAR FORMULATIONS	85681233 19-JUL-2012	4647341 02-DEC-2014	35 40 42	Registered	Par Pharmaceutical, Inc.
105.	PAR PHARMACEUTICAL COMPANIES 	85149300 11-OCT-2010	4072841 20-DEC-2011	35 40 42	Registered	Par Pharmaceutical, Inc.
106.	PAR PHARMACEUTICAL COMPANIES, INC.	78499226 13-OCT-2004	3340941 20-NOV-2007	35 40 42	Registered	Par Pharmaceutical, Inc.
107.	 Design Only	78405584 21-APR-2004	3225564 03-APR-2007	5 35 40 42	Registered	Par Pharmaceutical, Inc.
108.	PAR PHARMACEUTICAL 	78405599 21-APR-2004	3118058 18-JUL-2006	5 35 40 42	Renewed in 2016	Par Pharmaceutical, Inc.
109.	OPIEDRIX	86921310 26-FEB-2016		5	Published (Pending) Intent to Use	Par Pharmaceutical, Inc.
110.	CORLESCA	86921289 26-FEB-2016		5	Published (Pending) Intent to Use	Par Pharmaceutical, Inc.
111.	CORPHEDRA	86921301 26-FEB-2016		5	Published (Pending) Intent to Use	Par Pharmaceutical, Inc.
112.	PAR STERILE PRODUCTS PREFERRED	87032484 11-MAY-2016		35	Pending Intent to Use	Par Pharmaceutical, Inc.
113.	PSP PREFERRED	87032474 11-MAY-2016		35	Pending Intent to Use	Par Pharmaceutical, Inc.
114.	PIN-X	73825517 15-SEP-1989	1685013 05-MAY-1992	5	Renewed in 2012	Quartz Specialty Pharmaceuticals, LLC
115.	TESTOPEL	73132009 27-JUN-1977	1089034 11-APR-1978	5	Renewed in 2007	Slate Pharmaceuticals Inc.*
116.	ESTRAPEL	73132008 27-JUN-1977	1089033 11-APR-1978	5	Renewed in 2007	Slate Pharmaceuticals Inc.*
117.	ORSYTHIA	77705981 03-APR-2009	4026539 13-SEP-2011	5	Registered	Vintage Pharmaceuticals, LLC
118.	GILDESS FE	77694864 19-MAR-2009	4070985 13-DEC-2011	5	Registered	Vintage Pharmaceuticals, LLC
119.	TRI-PREVIFEM	78181501 04-NOV-2002	2872679 10-AUG-2004	5	Renewed in 2014	Vintage Pharmaceuticals, LLC
120.	PREVIFEM	78181495 04-NOV-2002	2872678 10-AUG-2004	5	Renewed in 2014	Vintage Pharmaceuticals, LLC
121.	EMOQUETTE	77590803 10-OCT-2008	3998554 19-JUL-2011	5	Registered	Vintage Pharmaceuticals, LLC
122.	GILDESS	77576973 23-SEP-2008	3681267 08-SEP-2009	5	Registered	Vintage Pharmaceuticals, LLC
123.	VINTAGE	74642219 06-MAR-1995	1994771 20-AUG-1996	5	Renewed in 2015	Vintage Pharmaceuticals, LLC

No.	Trademark	App. No. App. Date	Reg. No. Reg. Date	Class(es)	Status	Owner
124.	MYZILRA	85227501 27-JAN-2011	4250620 27-NOV-2012	5	Registered	Vintage Pharmaceuticals, LLC
125.	GILDAGIA	85227432 27-JAN-2011	4309564 26-MAR-2013	5	Registered	Vintage Pharmaceuticals, LLC
126.	IBUDONE	77379188 24-JAN-2008	3551524 23-DEC-2008	5	Registered	Vintage Pharmaceuticals, LLC
127.	VINTAGE PHARMACEUTICALS, LLC	77879984 24-NOV-2009	3806991 22-JUN-2010	40	Registered	Vintage Pharmaceuticals, LLC
128.	VINTAGE PHARMACEUTICALS, LLC	77884070 02-DEC-2009	3807004 22-JUN-2010	42	Registered	Vintage Pharmaceuticals, LLC
129.	IQUENI	86338755 16-JUL-2014		8	Pending	Vintage Pharmaceuticals, LLC
130.	LEMBALI	86338737 16-JUL-2014		5	Pending	Vintage Pharmaceuticals, LLC
131.	IZADORI	86338599 16-JUL-2014		5	Pending	Vintage Pharmaceuticals, LLC
132.	MONRI	86338558 16-JUL-2014		5	Pending	Vintage Pharmaceuticals, LLC
133.	DISCRETE CHOICE	86338508 16-JUL-2014		5	Pending	Vintage Pharmaceuticals, LLC
134.	DISCRETE OPTION	86338488 16-JUL-2014		5	Pending	Vintage Pharmaceuticals, LLC
135.	CONTROL STEP	86338474 16-JUL-2014		5	Pending	Vintage Pharmaceuticals, LLC
136.	SECOND-STEP	83668460 16-JUL-2014		5	Pending	Vintage Pharmaceuticals, LLC
137.	MY OPTION	86698153 20-JUL-2015		5	Pending	Vintage Pharmaceuticals, LLC
138.	JEZLI	86662612 15-JUN-2015		5	Pending	Vintage Pharmaceuticals, LLC
139.	TRI-LO-PREVIFEM	86467809 1-DEC-2014		5	Pending	Vintage Pharmaceuticals, LLC
140.	ENGILDA	86457347 18-NOV-2014		5	Pending	Vintage Pharmaceuticals, LLC
141.	KIMIDESS	86338570 16-JUL-2014	4814357 15-SEP-2015	5	Registered	Vintage Pharmaceuticals, LLC
142.		78862093 14-APR-2006	3290764 11-SEP-2007	5	Registered	Vintage Pharmaceuticals, LLC
143.	BOCA PHARMACAL	78862085 14-APR-2006	3290763 11-SEP-2007	5	Registered	Vintage Pharmaceuticals, LLC
144.	CYCLAFEM 7/7/7	78789508 11-JAN-2006	4932640 5-APR-2016	5	Registered	Vintage Pharmaceuticals, LLC
145.	CYCLAFEM	78789496 11-JAN-2006	4932639 5-APR-2016	5	Registered	Vintage Pharmaceuticals, LLC
146.	VI-Q-TUSS	77472685 13-MAY-2008	4030236 27-SEP-2011	5	Registered	Qualitest Inc. ⁵
147.	CYCLAFEM 1/35	77118770 28-FEB-2007	4932634 5-APR-2016	5	Registered	Vintage Pharmaceuticals, LLC
148.	VALSTAR	77332945 19-NOV-2007	3740487 19-JAN-2010	5	Registered	Endo Pharmaceutical Solutions, Inc.

⁵ Generics International (US), Inc. is successor in interest (by way of merger) to Qualitest Pharmaceuticals, Inc.

No.	Trademark	App. No. App. Date	Reg. No. Reg. Date	Class(es)	Status	Owner
<p>*Parent will file, or will cause to be filed, name change/conversions against each of these registrations to reflect the name changes of Auxilium Pharmaceuticals, Inc to Auxilium Pharmaceuticals, LLC, DAVA International, Inc to DAVA International, LLC, DAVA Pharmaceuticals, Inc to DAVA Pharmaceuticals, LLC and Slate Pharmaceuticals, Inc to Slate Pharmaceuticals, LLC.</p>						

	Trademark	App. No.	App. Date	Reg. No.	Reg. Date	Status	Owner
1.	ENDO AESTHETICS	88/429.700	May 14, 2019			Allowed	Endo Pharmaceuticals Inc.
2.	ENDO AESTHETICS	88/514.666	Jul 15, 2019			Allowed	Endo Pharmaceuticals Inc.
3.	FABBLIS	88/273.566	Jan 23, 2019			Allowed	Endo Pharmaceuticals Inc.
4.	MH ENDO MEN'S HEALTH Logo	88/310.155	Feb 21, 2019			Allowed	Endo Pharmaceuticals Inc.
5.	ELGANCI	88/194.136	Nov 14, 2018			Pending	Endo Pharmaceuticals Inc.
6.	ENDO	88/346.651	Mar 19, 2019			Pending	Endo Pharmaceuticals Inc.
7.	ENDO & E Design	88/346.714	Mar 19, 2019			Pending	Endo Pharmaceuticals Inc.
8.	E & Lower Case Letter "e" Design	88/388.296	Apr 16, 2019	5986237	Feb 11, 2020	Registered	Endo Pharmaceuticals Inc.
9.	ELGANTISS	88/194.020	Nov 14, 2018	5825245	Aug 6, 2019	Registered	Endo Pharmaceuticals Inc.
10.	FABLYSE	88/194.104	Nov 14, 2018	5842986	Aug 27, 2019	Registered	Endo Pharmaceuticals Inc.
11.	GASTRO ADVANCED	88/253.350	Jan 8, 2019	5783950	Jun 18, 2019	Registered	Endo Pharmaceuticals Inc.
12.	LUXARELLE	88/194.064	Nov 14, 2018	5825247	Aug 6, 2019	Registered	Endo Pharmaceuticals Inc.
13.	PAR PATIENT ASSISTANCE RESOURCE	87/535.509	Jul 20, 2017	5439848	Apr 3, 2018	Registered	Par Pharmaceutical, Inc.
14.	PAR PATIENT ASSISTANCE RESOURCE & Design	87/535.591	Jul 20, 2017	5439849	Apr 3, 2018	Registered	Par Pharmaceutical, Inc.
15.	SUMYCIN	87/637.821	Oct 9, 2017	5746490	May 7, 2019	Registered	Par Pharmaceutical, Inc.
16.	AUXILIUM	76/975.483	Aug 15, 2000	2754314	Aug 19, 2003	Registered	Auxilium US Holdings, I.L.C.
17.	AUXILIUM & Design	76/673.677	Mar 5, 2007	3333304	Nov 13, 2007	Registered	Auxilium US Holdings, LLC
18.	TIMERX (Stylized #1)	74/137.028	Feb 7, 1991	1920597	Sep 19, 1995	Registered	Endo Pharmaceuticals Inc.

Reel/Frame 7247/0588

	Trademark	App. No.	App. Date	Reg. No.	Reg. Date	Status	Owner
1.	ENDO THERAPEUTICS & Design	90/552,384	Mar 1, 2021	n/a	n/a	Pending	Endo Pharmaceuticals Inc.
2.	ENDO THERAPEUTICS & Design	90/550,232	Feb 26, 2021	n/a	n/a	Pending	Endo Pharmaceuticals Inc.
3.	Design Only	90/079,215	Jul 28, 2020	n/a	n/a	Pending	Endo Pharmaceuticals Inc.
4.	ENDO & Design	90/079,225	Jul 28, 2020	n/a	n/a	Pending	Endo Pharmaceuticals Inc.
5.	ESR	90/168,104	Sep 9, 2020	n/a	n/a	Pending	Endo Pharmaceuticals Inc.
6.	REALLY CELLULITE	90/452,258	Jan 7, 2021	n/a	n/a	Pending	Endo Pharmaceuticals Inc.
7.	ENZYMATIC SUBCISION AND REMODELING (ESR)	90/168,428	Sep 9, 2020	n/a	n/a	Pending	Endo Pharmaceuticals Inc.
8.	ENZYMATIC SUBCISION AND REMODELING	90/168,479	Sep 9, 2020	n/a	n/a	Pending	Endo Pharmaceuticals Inc.
9.	AN ENDO INTERNATIONAL COMPANY	79/303,244	Nov 17, 2020	n/a	n/a	Pending	Endo Pharmaceuticals Inc.
10.	ENDO	86/775,932	Oct 2, 2015	5307112	Oct 10, 2017	Registered	Endo Pharmaceuticals Inc.
11.	TRUDELIVERY	88/911,832	May 12, 2020	n/a	n/a	Pending	Par Pharmaceutical, Inc.

SCHEDULE II

RELEASED PATENT COLLATERAL

Reel/Frames 42742/0407; 42742/0892; 42742/0855; 42742/0922; 42743/0078; 42743/0216;
42743/0001; 42743/0278

Patents - United States registrations

No.	Title	App. No.	App. Date	Patent No.	Issue Date	Status	Owner
1.	Needless injection device components, systems, and methods	14493598	02/28/2017	9579462	09/23/2014	Issued	Astora Women's Health Holdings, LLC
2.	Method and apparatus for treating pelvic organ prolapse	12321546	01/22/2009	8211005	07/03/2012	Issued	Astora Women's Health, LLC*
3.	Method and apparatus for treating pelvic organ prolapse	12855792	08/13/2010	8206281	06/26/2012	Issued	Astora Women's Health, LLC*
4.	Methods and apparatus for monitoring battery charge depletion	12593787	09/29/2009	8200444	06/12/2012	Issued	Astora Women's Health, LLC
5.	Apparatus for treating stress and urge incontinence	11418790	05/05/2006	8195296	06/05/2012	Issued	Astora Women's Health, LLC
6.	Pelvic surgery drape	11986556	11/21/2007	8166977	5/1/2012	Issued	Astora Women's Health, LLC*
7.	Methods and apparatus for correction of urinary and gynecological pathologies, including treatment of male incontinence, and female cystocele	12346080	12/30/2008	8163814	4/24/2012	Issued	Astora Women's Health, LLC*
8.	Systems and methods for implanting tissue stimulation electrodes in the pelvic region	11775638	7/10/2007	8160710	4/17/2012	Issued	Astora Women's Health, LLC
9.	Method and apparatus for prolapse repair	12473747	5/28/2009	8109866	2/7/2012	Issued	Astora Women's Health, LLC*
10.	Surgical suture passers and methods	12586571	9/24/2009	8088131	1/3/2012	Issued	Astora Women's Health, LLC*
11.	Pelvic disorder treatment	12486492	6/17/2009	8083663	12/27/2011	Issued	Astora Women's Health, LLC#
12.	Method and apparatus for treatment of vaginal anterior repairs	11463654	8/10/2006	8062206	11/22/2011	Issued	Astora Women's Health, LLC*
13.	Implantable article and method	11983412	11/07/2007	8057382	11/15/2011	Issued	Astora Women's Health, LLC*
14.	Prolapse repair	12021092	1/28/2008	8038594	10/18/2011	Issued	Astora Women's Health, LLC
15.	Method and apparatus for cystocele repair	12059117	03/31/2008	7993261	08/09/2011	Issued	Astora Women's Health, LLC*
16.	Transoburator surgical articles and methods	11245364	10/05/2005	7988615	08/02/2011	Issued	Astora Women's Health, LLC*
17.	Slings assembly with secure and convenient attachment	11535018	9/25/2006	7972262	7/5/2011	Issued	Astora Women's Health, LLC
18.	Connector for mesh support insertion	11537891	10/27/2006	7909753	3/22/2011	Issued	Astora Women's Health, LLC

No.	Title	App. No.	App. Date	Patent No.	Issue Date	Status	Owner
19.	Method for supporting vaginal cuff	11243802	10/5/2005	7901346	3/8/2011	Issued	Astora Women's Health, LLC
20.	Sling delivery system and method of use	11203136	08/15/2005	7867161	01/11/2011	Issued	Astora Women's Health, LLC
21.	Method of treating anal incontinence	11428090	6/30/2006	7828715	11/9/2010	Issued	Astora Women's Health, LLC*
22.	Articles, devices, and methods for pelvic surgery	12001836	12/13/2007	7811223	10/12/2010	Issued	Astora Women's Health, LLC*
23.	Method and apparatus for treating pelvic organ prolapse	11518932	09/12/2006	7811222	10/12/2010	Issued	Astora Women's Health, LLC*
24.	Implantable article for the treatment of incontinence	11166277	6/27/2005	7762942	7/27/2010	Issued	Astora Women's Health, LLC
25.	Articles, devices, and methods for pelvic surgery	11398368	4/5/2006	7740576	6/22/2010	Issued	Astora Women's Health, LLC
26.	Surgical implants and related methods	11115655	4/26/2005	7722527	5/25/2010	Issued	Astora Women's Health, LLC*
27.	Devices, methods, and systems for shrinking tissues	10866052	6/10/2004	7689290	3/30/2010	Issued	Astora Women's Health, LLC
28.	Surgical suture passers and methods	10155710	5/24/2002	7615059	11/10/2009	Issued	Astora Women's Health, LLC
29.	Pelvic disorder treatment device	10497397	03/23/2005	7613516	11/3/2009	Issued	Astora Women's Health, LLC#
30.	Surgical instruments for addressing pelvic disorders	10274524	10/17/2002	7037255	5/2/2006	Issued	Astora Women's Health, LLC
31.	Ribbed electrodes and methods for their use	10351245	1/23/2003	7004942	2/28/2006	Issued	Astora Women's Health, LLC
32.	Sling delivery system and method of use	10280341	10/25/2002	6971986	12/06/2005	Issued	Astora Women's Health, LLC
33.	Transobuturator surgical articles and methods	10377101	3/3/2003	6911003	6/28/2005	Issued	Astora Women's Health, LLC*
34.	Incontinence treatment device	10047135	01/15/2002	6896651	05/24/2005	Issued	Astora Women's Health, LLC
35.	Implantable article and method	10431719	5/8/2003	6884212	4/26/2005	Issued	Astora Women's Health, LLC*
36.	Powered bone screw device	10309669	12/04/2002	7087059	08/08/2006	Issued	Astora Women's Health, LLC#
37.	Surgical implant system and method	14777496	9/15/2015			Pending	Astora Women's Health, LLC#
38.	Implants, tools, and methods for treatments of pelvic conditions	14128991	4/1/2014			Pending	Astora Women's Health, LLC#
39.	Implants, tools, and methods for treatment of pelvic conditions	14115245	3/27/2014			Pending	Astora Women's Health, LLC*#

No.	Title	App. No.	App. Date	Parent No.	Issue Date	Status	Owner
40.	Apparatus and methods of treatment of pathologic proliferative conditions uterine tissue	13383147	2/29/2012	8597262	12/3/2013	Issued	Astora Women's Health, LLC*
41.	Multi-levelled transgluteal tension-free levatorplasty for treatment of rectocele	12087552	7/9/2008	8585577	11/19/2013	Issued	Astora Women's Health, LLC*
42.	Sling delivery system and method of use	12984422	01/04/2011	8475357	07/02/2013	Issued	Astora Women's Health, LLC*
43.	Adjustable tension incontinence sling assemblies	12305874	06/30/2010	8460169	06/11/2013	Issued	Astora Women's Health, LLC
44.	Multi-zone stimulation implant system and method	12982657	12/30/2010	8380312	02/19/2013	Issued	Astora Women's Health, LLC
45.	Method of treating anal incontinence	12891941	9/28/2010	8371998	2/12/2013	Issued	Astora Women's Health, LLC*
46.	Incontinence treatment device	12138031	06/12/2008	8340786	12/25/2012	Issued	Astora Women's Health, LLC
47.	Method and apparatus for levator disinsertion repair	12308083	04/10/2009	8262557	09/11/2012	Issued	Astora Women's Health, LLC*
48.	Tack device	10819560	04/07/2004	8241326	08/14/2012	Issued	Astora Women's Health, LLC
49.	Heating method for tissue contraction	10102596	3/19/2002	6882885	4/19/2005	Issued	Astora Women's Health, LLC
50.	Tissue anchor	13431594	3/27/2012	8774942	7/8/2014	Issued	Astora Women's Health, LLC
51.	Transobturator methods for installing sling to treat incontinence, and related devices	13005238	1/12/2011	8771168	7/8/2014	Issued	Astora Women's Health, LLC
52.	Prolapse Repair	13235694	9/19/2011	8753360	6/17/2014	Issued	Astora Women's Health, LLC
53.	Implantable article and method	13252324	10/04/2011	8702586	04/23/2014	Issued	Astora Women's Health, LLC*
54.	Pelvic health implants and methods	11981597	10/31/2007	8702585	4/22/2014	Issued	Astora Women's Health, LLC*
55.	Methods and apparatus for correction of urinary and gynecological pathologies, including treatment of male incontinence, and female cystocele	13429947	03/26/2012	8684909	04/01/2014	Issued	Astora Women's Health, LLC*
56.	Pelvic implant and delivery system	13057186	2/2/2011	8678995	3/25/2014	Issued	Astora Women's Health, LLC*
57.	Methods and articles for treatment of rectal prolapse	11827793	07/10/2007	8672829	03/18/2014	Issued	Astora Women's Health, LLC
58.	Tack Device with Shield	11689806	03/22/2007	8673828	03/18/2014	Issued	Astora Women's Health, LLC
59.	Method for Supporting Vaginal Cuff	13023652	02/09/2011	8636643	01/28/2014	Issued	Astora Women's Health, LLC

No.	Title	App. No.	App. Date	Patent No.	Issue Date	Status	Owner
60.	Floating Sling for Treatment of Incontinence	11766202	6/21/2007	8617046	12/31/2013	Issued	LLC* Astora Women's Health, LLC
61.	Pelvic floor health articles and procedures	12215637	6/27/2008	8608641	12/17/2013	Issued	Astora Women's Health, LLC*
62.	Methods and apparatus for correction of urinary and gynecological pathologies, including treatment of male incontinence, and female cystocele	10625199	7/23/2003	7608036	10/27/2009	Issued	Astora Women's Health, LLC*
63.	Control of urge incontinence	10671144	09/24/2003	7582053	09/01/2009	Issued	Astora Women's Health, LLC
64.	Endo-pelvic fascia penetrating heating systems and methods for incontinence treatment	11040815	01/21/2005	7536225	05/19/2009	Issued	Astora Women's Health, LLC
65.	Implantable article and method	10873472	06/22/2004	7517313	04/14/2009	Issued	Astora Women's Health, LLC
66.	Method and apparatus for treating pelvic organ prolapse	10834943	04/30/2004	7500945	03/10/2009	Issued	Astora Women's Health, LLC
67.	Devices, methods, and systems for shrinking tissues	10463976	06/17/2003	7483755	01/27/2009	Issued	Astora Women's Health, LLC
68.	Electrically heated/phase change probe temperature control	10768778	1/30/2004	7476242	1/13/2009	Issued	Astora Women's Health, LLC
69.	Surgical articles and methods	10280945	10/25/2002	7048682	05/23/2006	Issued	Astora Women's Health, LLC
70.	Pelvic disorder treatment	09996668	11/29/2001	6862480	3/1/2005	Issued	Astora Women's Health, LLC
71.	Needle deployment for temperature sensing from an electrode	10211973	08/01/2002	6852110	02/08/2005	Issued	Astora Women's Health, LLC
72.	Medical sling procedures and anchor inserton methods and devices	09994276	11/26/2001	6502610	7/15/2003	Issued	Astora Women's Health, LLC
73.	Sling assembly with secure and convenient attachment	13115311	5/25/2011	8784295	7/22/2014	Issued	Astora Women's Health, LLC
74.	Surgical articles and methods for treating pelvic conditions	13758481	02/04/2013	8777837	7/15/2014	Issued	Astora Women's Health, LLC*
75.	Pelvic health implants and methods	11983430	11/07/2007	8777836	07/15/2014	Issued	Astora Women's Health, LLC*
76.	Method and apparatus for correction of urinary and gynecological pathologies, including treatment of incontinence cystocele	10423662	4/25/2003	7407480	8/5/2008	Issued	Astora Women's Health, LLC*
77.	Pelvic floor health articles and procedures	11413285	4/28/2006	7303320	7/1/2008	Issued	Astora Women's Health, LLC*
78.	Incontinence treatment device	10999824	11/30/2004	7387603	06/17/2008	Issued	Astora Women's Health, LLC*

No.	Title	App. No.	App. Date	Patent No.	Issue Date	Status	Owner
79.	Handle and surgical article	10739668	12/18/2003	7357773	04/15/2008	Issued	Astora Women's Health, LLC*
80.	Tack device with shield	10322891	12/18/2002	7226408	06/05/2007	Issued	Astora Women's Health, LLC
81.	Surgical instruments	11414484	05/01/2006	7233229	05/29/2007	Issued	Astora Women's Health, LLC
82.	Incontinence treatment with urethral guide	10798717	03/10/2004	7179219	02/20/2007	Issued	Astora Women's Health, LLC
83.	Energy induced bulking and buttressing of tissue for incontinence	10827887	04/19/2004	7167757	01/23/2007	Issued	Astora Women's Health, LLC
84.	Sling assembly with secure and convenient attachment	10616938	07/11/2003	7112171	9/26/2006	Issued	Astora Women's Health, LLC
85.	Implantable article for treatment of urinary incontinence	10616925	07/11/2003	7083568	08/01/2006	Issued	Astora Women's Health, LLC
86.	Transobuturator surgical articles and methods	10306179	11/27/2002	7070556	7/4/2006	Issued	Astora Women's Health, LLC*
87.	Method and apparatus for cystocele repair	10840646	05/07/2004	7251197	04/01/2008	Issued	Astora Women's Health, LLC*
88.	Prolapse repair	10804718	03/19/2004	7347812	03/25/2008	Issued	Astora Women's Health, LLC
89.	Energy induced bulking and buttressing of tissues for incontinence	10828027	4/19/2004	7317949	1/8/2008	Issued	Astora Women's Health, LLC
90.	Non-surgical incontinence treatment system and method	10759732	1/15/2004	7315762	1/1/2008	Issued	Astora Women's Health, LLC
91.	Surgical article and methods for treating female urinary incontinence	10645588	08/22/2003	7303525	12/4/2007	Issued	Astora Women's Health, LLC
92.	Pelvic surgery drape	09749254	12/27/2000	7299803	1/27/2007	Issued	Astora Women's Health, LLC
93.	Surgical articles and methods	10675816	09/30/2003	7291104	11/06/2007	Issued	Astora Women's Health, LLC
94.	Surgical instrument and method	10616926	07/11/2003	7267645	09/11/2007	Issued	Astora Women's Health, LLC
95.	Heating method for tissue contraction	10768780	01/30/2004	7251531	07/31/2007	Issued	Astora Women's Health, LLC
96.	Pelvic floor implant system and method of assembly	10335119	12/31/2002	7229453	06/12/2007	Issued	Astora Women's Health, LLC
97.	Boone suturing device	10005760	11/12/2001	6843796	01/18/2005	Issued	Astora Women's Health, LLC
98.	Systems and methods using vasoconstriction for improved thermal treatment of tissues	10029000	12/20/2001	6840954	01/11/2005	Issued	Astora Women's Health, LLC
99.	Surgical instrument and method	09917445	07/27/2001	6802807	10/12/2004	Issued	Astora Women's Health, LLC

No.	Title	App. No.	App. Date	Patent No.	Issue Date	Status	Owner
100.	Tack device	09889068	07/06/2001	6730110	05/04/2004	Issued	Astora Women's Health, LLC
101.	Low power consumption implantable pressure sensor	10076869	02/15/2002	6712772	3/30/2004	Issued	Astora Women's Health, LLC
102.	Sling adjustment and tensioning accessory	09968239	10/01/2001	6702827	03/09/2004	Issued	Astora Women's Health, LLC
103.	Method for correction of urinary and gynecological pathologies including treatment of incontinence	10252179	09/23/2002	6691711	2/17/2004	Issued	Astora Women's Health, LLC
104.	Incontinence treatment with urethral guide	09991368	11/20/2001	6685623	02/03/2004	Issued	Astora Women's Health, LLC
105.	Implantable article and method for treating urinary incontinence using means for repositioning the implantable article	09917562	7/27/2001	6652450	11/25/2003	Issued	Astora Women's Health, LLC
106.	Control of urge incontinence	09806970	07/20/2001	6652449	11/25/2003	Issued	Astora Women's Health, LLC
107.	Implantable article	10004185	10/30/2001	6648921	11/18/2003	Issued	Astora Women's Health, LLC
108.	Sling assembly with secure and convenient attachment	09990108	11/21/2001	6641525	11/04/2003	Issued	Astora Women's Health, LLC
109.	Noninvasive devices, methods, and systems for shrinking of tissues	09768985	01/23/2001	6629535	10/7/2003	Issued	Astora Women's Health, LLC
110.	Implantable article and method	09939282	08/24/2001	6592515	07/15/2003	Issued	Astora Women's Health, LLC
111.	Devices, methods, and systems for shrinking tissues	09598076	06/20/2000	6587731	07/01/2003	Issued	Astora Women's Health, LLC
112.	Apparatus and methods for enhancing the functional longevity and for facilitating the implantation of medical devices	09749301	12/27/2000	6582443	6/24/2003	Issued	Astora Women's Health, LLC
113.	Sling delivery system and method of use	13903474	05/28/2013	8852077	10/07/2014	Issued	Astora Women's Health, LLC*
114.	Surgical implants, tools, and methods for treating pelvic conditions	12308436	10/29/2010	8834350	9/16/2014	Issued	Astora Women's Health, LLC*
115.	Articles, devices, and methods for pelvic surgery	12890895	09/24/2010	8801595	08/12/2014	Issued	Astora Women's Health, LLC*
116.	Method of treating anal incontinence	13746996	01/22/2013	8801593	08/12/2014	Issued	Astora Women's Health, LLC*
117.	Urinary incontinence diagnostic system	09851662	05/08/2001	6579266	06/17/2003	Issued	Astora Women's Health, LLC
118.	Medical sling procedures and anchor insertion methods and devices	10034960	12/27/2001	6575998	6/10/2003	Issued	Astora Women's Health, LLC
119.	Medical sling procedures and anchor	10034958	12/27/2001	6575984	06/10/2003	Issued	Astora Women's Health, LLC

No.	Title	App. No.	App. Date	Patent No.	Issue Date	Status	Owner
	Insertion methods and devices						LLC
120.	Interspersed heating/cooling to shrink tissues for incontinence	09636795	08/11/2000	6572639	06/03/2003	Issued	Astora Women's Health, LLC
121.	Noninvasive devices, methods, and systems for shrinking of tissues	09765923	01/19/2001	6558381	05/06/2003	Issued	Astora Women's Health, LLC
122.	Tack device with shield	09684108	10/6/2000	6544273	4/8/2003	Issued	Astora Women's Health, LLC
123.	Ribbed electrodes and methods for their use	09925501	10/23/2000	6533780	3/18/2003	Issued	Astora Women's Health, LLC
124.	Noninvasive devices, methods, and systems for shrinking of tissues	08910775	8/13/1997	6480746	11/12/2002	Issued	Astora Women's Health, LLC
125.	Method for making an electrode balloon	09565995	05/06/2000	6468462	10/22/2002	Issued	Astora Women's Health, LLC
126.	Method and apparatus for treatment of vaginal anterior repairs	13247565	9/28/2011	8979732	3/17/2015	Issued	Astora Women's Health, LLC*
127.	Transobuturator surgical articles and methods	11346750	2/3/2006	8968178	3/3/2015	Issued	Astora Women's Health, LLC*
128.	Surgical needle and anchor system with retractable features	12606758	10/27/2009	8944990	2/3/2015	Issued	Astora Women's Health, LLC
129.	Implantable article and method	13873983	04/30/2013	8905912	12/09/2014	Issued	Astora Women's Health, LLC*
130.	Surgical articles and methods	11202315	8/12/2005	8864646	10/21/2014	Issued	Astora Women's Health, LLC
131.	Sling delivery system and method of use	09917443	7/27/2001	6612977	9/2/2003	Issued	Astora Women's Health, LLC
132.	Powered bone screw device	09776545	2/2/2001	6602260	8/5/2003	Issued	Astora Women's Health, LLC
133.	Transvaginal bone anchor implantation device	09742750	12/20/2000	6599235	07/29/2003	Issued	Astora Women's Health, LLC
134.	Device for alleviating urinary incontinence	09560946	4/28/2000	6461291	10/8/2002	Issued	Astora Women's Health, LLC
135.	Valve and methods for urinary control	09767208	1/22/2001	6443886	9/3/2002	Issued	Astora Women's Health, LLC
136.	Tack device	09475870	12/30/1999	6387041	5/14/2002	Issued	Astora Women's Health, LLC
137.	Implants, tools, and methods for treatments of pelvic conditions	13537612	6/29/2012	9351723	5/31/2016	Issued	Astora Women's Health, LLC*
138.	Implantable Sling Systems and Methods	13520125	09/13/2012	9345473	05/24/2016	Issued	Astora Women's Health, LLC
139.	Prolapse Repair	14306135	6/16/2014	9339366	05/17/2016	Issued	Astora Women's Health, LLC
140.	Pelvic floor treatments and related tools and implants	14263184	05/10/2016	9333065	04/28/2014	Issued	Astora Women's Health, LLC

No.	Title	App. No.	App. Date	Patent No.	Issue Date	Status	Owner
141.	Methods and systems for treatment of prolapse	14743259	06/18/2015	9283064	03/15/2016	Issued	Astora Women's Health, LLC*
142.	Tibial nerve stimulation device	14342592	5/6/2014	9265927	2/23/2016	Issued	Astora Women's Health, LLC
143.	Drug releasing pelvic treatment system and method	14000270	8/19/2013	9233238	1/12/2016	Issued	Astora Women's Health, LLC*
144.	Implantable article and method	14532576	11/4/2014	9211177	12/15/2015	Issued	Astora Women's Health, LLC*
145.	Implants, tools, and methods for treatment of pelvic conditions	14462154	08/18/2014	9179992	11/10/2015	Issued	Astora Women's Health, LLC*
146.	Apparatus and method for repairing vaginal reconstruction	13614012	09/13/2012	9149351	10/06/2015	Issued	Astora Women's Health, LLC*
147.	Bladder drug eluting device	13741918	1/15/2013	9061125	6/23/2015	Issued	Astora Women's Health, LLC*
148.	Methods and systems for treatment of prolapse	14025988	9/13/2013	9060839	6/23/2015	Issued	Astora Women's Health, LLC*
149.	Implantable article and method	14169586	1/31/2014	9022921	5/5/2015	Issued	Astora Women's Health, LLC*
150.	Pelvic floor treatments and related tools and implants	12678923	3/18/2010	8708885	4/29/2014	Issued	Astora Women's Health, LLC*
151.	Methods and systems for treatment of prolapse	11989256	2/24/2009	8535217	9/17/2013	Issued	Astora Women's Health, LLC*
152.	Transvaginal system and method for treating female urinary incontinence	09256212	1/23/1999	6328686	12/11/2001	Issued	Astora Women's Health, LLC
153.	Temperature sensing devices and methods to shrink tissues	09170765	10/13/1998	6322584	11/27/2001	Issued	Astora Women's Health, LLC
154.	Endopelvic fascia treatment for incontinence	09413100	10/6/1999	6292700	9/18/2001	Issued	Astora Women's Health, LLC
155.	Limited heat transfer devices and methods to shrink tissues	09170470	10/13/1998	6236891	5/22/2001	Issued	Astora Women's Health, LLC
156.	Noninvasive devices, methods, and systems for shrinking of tissues	09133496	8/12/1998	6216704	4/17/2001	Issued	Astora Women's Health, LLC
157.	Valve and methods for urinary control	09034250	3/4/1998	6200261	3/13/2001	Issued	Astora Women's Health, LLC
158.	Device for alleviating urinary incontinence	08984976	12/04/1997	6156687	5/2/2000	Issued	Astora Women's Health, LLC
159.	Tuck and fold fascia shortening for incontinence	09103352	06/23/1998	6044847	4/4/2000	Issued	Astora Women's Health, LLC
160.	System and a method for the long term cure of recurrent urinary female incontinence	09111525	07/08/1998	6039686	03/21/2000	Issued	Astora Women's Health, LLC
161.	Noninvasive devices, methods, and systems for shrinking of tissues	08910369	08/13/1997	6035238	03/07/2000	Issued	Astora Women's Health, LLC

No.	Title	App. No.	App. Date	Patent No.	Issue Date	Status	Owner
162.	Kit For Levator Avulsion Repair	12594408	6/25/2010	8550980	10/8/2013	Issued	Astora Women's Health, LLC*
163.	Surure-less Tissue Fixation for Implantable Device	12983077	12/31/2010	9393091	07/19/2016	Issued	Astora Women's Health, LLC
164.	Adjustable tension incontinence sling assemblies	14153717	01/13/2014	9375302	06/28/2016	Issued	Astora Women's Health, LLC*
165.	Implant Systems with Tensioning Feedback	13520068	9/13/2012	9364308	6/14/2016	Issued	Astora Women's Health, LLC
166.	Electrical stimulation device having remote access	14352597	4/17/2014	9114261	8/25/2015	Issued	Astora Women's Health, LLC
167.	Tibial nerve stimulation therapy device calibration	14085320	11/20/2013	9084897	7/21/2015	Issued	Astora Women's Health, LLC
168.	Method and articles for treatment of stress urinary incontinence	12227426	4/15/2009	9084664	7/21/2015	Issued	Astora Women's Health, LLC*
169.	Patterned sling implant and method	12964502	12/9/2010	9060837	6/23/2015	Issued	Astora Women's Health, LLC
170.	PATTERNED IMPLANT AND METHOD	12953268	11/23/2010	9060836	6/23/2015	Issued	Astora Women's Health, LLC
171.	Collapsible Tissue Anchor Device and Method	12468754	5/19/2009	9017382	4/28/2015	Issued	Astora Women's Health, LLC
172.	Minimally Invasive Implant and Method	13335472	12/22/2011	9017243	4/28/2015	Issued	Astora Women's Health, LLC
173.	LEVATOR FOR REPAIR OF PERINEAL PROLAPSE	12087534	7/9/2008	8992414	3/31/2015	Issued	Astora Women's Health, LLC*
174.	MINIMALLY INVASIVE IMPLANT AND METHOD	13060467	5/4/2011	8968181	3/3/2015	Issued	Astora Women's Health, LLC*
175.	Surgical Articles and Methods for Treating Pelvic Conditions	12467634	5/18/2009	8951185	2/10/2015	Issued	Astora Women's Health, LLC
176.	Minimally Invasive Levator Avulsion Repair	12994982	11/29/2010	8708887	4/29/2014	Issued	Astora Women's Health, LLC*
177.	Adjustable tension incontinence sling assemblies	12308598	7/26/2010	8628463	1/14/2014	Issued	Astora Women's Health, LLC*
178.	Pelvic floor treatments and related tools and implants	12669099	5/13/2010	8597173	12/3/2013	Issued	Astora Women's Health, LLC*
179.	Electrical stimulation device having remote access	14801972	7/17/2015			Pending	Astora Women's Health, LLC
180.	Method and articles for treatment of stress urinary incontinence	14801288	7/16/2015			Pending	Astora Women's Health, LLC *
181.	Implants, tools, and methods for treatments of pelvic conditions	14795508	7/9/2015			Pending	Astora Women's Health, LLC*
182.	Vaginal dilator/manipulator	14776467	9/14/2015			Pending	Astora Women's Health, LLC
183.	Implants, tools, and methods for	14775203	9/11/2015			Pending	Astora Women's Health, LLC

No.	Title	App. No.	App. Date	Patent No.	Issue Date	Status	Owner
184.	treatments of pelvic conditions Systems, tools, and methods for connecting to tissue	14775188	9/11/2015			Pending	Astora Women's Health, LLC *
185.	Implants, tools, and methods for treating pelvic conditions	14775183	9/11/2015			Pending	Astora Women's Health, LLC *
186.	Tibial nerve stimulation therapy device calibration	14750258	6/25/2015			Pending	Astora Women's Health, LLC
187.	Patterned Sling Implant and Method	14746694	6/23/2015			Pending	Astora Women's Health, LLC
188.	Patterned Implant and Method	14746653	06/23/2015			Pending	Astora Women's Health, LLC
189.	Minimally Invasive Implant and Method	14697525	04/27/2015			Pending	Astora Women's Health, LLC
190.	Collapsible Tissue Anchor Device and Method	14696479	4/26/2015			Pending	Astora Women's Health, LLC
191.	Levator for repair of perineal prolapse	14673213	3/30/2015			Pending	Astora Women's Health, LLC*
192.	Minimally invasive implant and method	14627537	2/20/2015			Pending	Astora Women's Health, LLC*
193.	Surgical Articles and Methods for Treating Pelvic Conditions	14617789	2/9/2015			Pending	Astora Women's Health, LLC
194.	Pelvic floor health articles and procedures	14582311	12/24/2014			Pending	Astora Women's Health, LLC*
195.	Conductive and degradable implant for pelvic tissue treatment	14432590	03/30/2015			Pending	Astora Women's Health, LLC*
196.	Pelvic implant and treatment method	14346383	3/21/2014			Pending	Astora Women's Health, LLC
197.	Surgical needle system with anchor retention features	14343843	3/7/2014			Pending	Astora Women's Health, LLC
198.	Implantable electrode assembly	14343276	3/6/2014			Pending	Astora Women's Health, LLC
199.	Adjustable sling and method of treating pelvic conditions	14266791	4/30/2014			Pending	Astora Women's Health, LLC
200.	Minimally invasive levator avulsion repair	14262997	04/28/2014			Pending	Astora Women's Health, LLC*
201.	Pelvic health implants and methods	14257475	4/21/2014			Pending	Astora Women's Health, LLC*
202.	Implants, tools, and methods for treatments of pelvic conditions	14232043	01/10/2014			Pending	Astora Women's Health, LLC*
203.	Vaginal laxity therapy utilizing cell-based bulking compositions	14170305	01/31/2014			Pending	Astora Women's Health, LLC*
204.	Method for supporting vaginal cuff	14164462	01/27/2014			Pending	Astora Women's Health, LLC*

No.	Title	App. No.	App. Date	Patent No.	Issue Date	Status	Owner
205.	Implant Tissue Fixation System and Method	14148459	1/6/2014			Pending	Astora Women's Health, LLC
206.	Pelvic floor treatments and related tools and implants	14081728	11/15/2013			Pending	Astora Women's Health, LLC*
207.	Adjustable suture restriction system and method	14061580	10/23/2013			Pending	Astora Women's Health, LLC
208.	Adjustable Pessary Device and Method	14056805	10/17/2013			Pending	Astora Women's Health, LLC
209.	Kit for levator avulsion repair	14041774	9/30/2013			Pending	Astora Women's Health, LLC*
210.	Rectal Prolapse Treatment Methods, Devices, and Systems	14025748	9/12/2013			Pending	Astora Women's Health, LLC
211.	Implants, tools, and methods for treatment of pelvic conditions	14008208	11/26/2013			Pending	Astora Women's Health, LLC*
212.	Implants, tools, and methods for treatment of pelvic conditions	14008170	11/26/2013			Pending	Astora Women's Health, LLC*
213.	Film Encapsulated Pelvic Implant System and Method	14007646	11/15/2013			Pending	Astora Women's Health, LLC
214.	Implants, tools, and methods for treatments of pelvic conditions	14006875	4/14/2014			Pending	Astora Women's Health, LLC*
215.	Micro-needle holder/hallion	13993752	8/26/2013			Pending	Astora Women's Health, LLC*
216.	Surgical tools, systems, and related implants and methods	13990017	05/28/2013			Pending	Astora Women's Health, LLC
217.	Perineum overlay device	13965815	08/13/2013			Pending	Astora Women's Health, LLC
218.	Systems, tools, and methods for treatments of pelvic conditions	13876034	03/26/2013			Pending	Astora Women's Health, LLC*
219.	Surgical Needle Device	13846139	03/18/2013			Pending	Astora Women's Health, LLC
220.	Systems, tools, and methods for connecting to tissue	13832319	3/15/2013			Pending	Astora Women's Health, LLC
221.	Systems, tools, and methods for treatments of pelvic conditions	13825997	03/26/2013			Pending	Astora Women's Health, LLC*
222.	Surgical cutting instrument and related methods	13664915	10/31/2012			Pending	Astora Women's Health, LLC*
223.	Implants with absorbable and non-absorbable features for the treatment of female pelvic conditions	13877695	4/4/2013	9468512	10/18/2016	Issued	Astora Women's Health, LLC*
224.	Transobuturator surgical articles and methods	14518159	10/20/2014	9433487	9/6/2016	Issued	Astora Women's Health, LLC*
225.	Deployable electrode lead anchor	13167541	06/23/2011	9427573	08/30/2016	Issued	Astora Women's Health, LLC

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226.	Bioresorbable mesh for surgical implants	14673253	3/30/2015	9421079	8/23/2016	Issued	Astora Women's Health, LLC's
227.	Pelvic Implant System and Method	13556167	7/23/2012	9414903	8/16/2016	Issued	Astora Women's Health, LLC
228.	Electronic stimulator device pulse generator circuit	13547530	07/12/2012	9399135	07/26/2016	Issued	Astora Women's Health, LLC
229.	Electrode lead including a deployable tissue anchor	13490600	6/7/2012	9220887	12/29/2015	Issued	Astora Women's Health, LLC
230.	Electrical stimulation device having multiple stimulation channels	14352594	4/17/2014	9180294	11/10/2015	Issued	Astora Women's Health, LLC
231.	Surgical articles and methods for treating pelvic conditions	12223846	6/7/2010	9144436	9/29/2015	Issued	Astora Women's Health, LLC's
232.	Implants, tools, and methods for treatment of pelvic conditions	13432624	3/28/2012	9089393	7/28/2015	Issued	Astora Women's Health, LLC's
233.	Bioresorbable mesh for surgical implants	13579491	9/25/2012	8992411	3/31/2015	Issued	Astora Women's Health, LLC's
234.	Transorburator surgical articles and methods	13236287	9/19/2011	8864648	10/21/2014	Issued	Astora Women's Health, LLC
235.	Surgical articles and methods for treating pelvic conditions	12447073	2/12/2010	8517914	8/27/2013	Issued	Astora Women's Health, LLC's
236.	Electrode lead including a deployable tissue anchor	14947502	11/29/2015			Pending	Astora Women's Health, LLC
237.	Implants, tools, and methods for treatment of pelvic conditions	14932584	11/4/2015			Pending	Astora Women's Health, LLC
238.	Transorburator methods for installing sling to treat incontinence, and related devices	14932410	11/4/2015			Pending	Astora Women's Health, LLC
239.	Electrical stimulation device having multiple stimulation channels	14878222	10/08/2015			Pending	Astora Women's Health, LLC
240.	Apparatus and method for repairing vaginal reconstruction	14867593	9/28/2015			Pending	Astora Women's Health, LLC's
241.	Surgical articles and methods for treating pelvic conditions	14843317	9/2/2015			Pending	Astora Women's Health, LLC's
242.	Pelvic Implant Needle System and Method	14811834	7/29/2015			Pending	Astora Women's Health, LLC
243.	Implants, tools, and methods for treatment of pelvic conditions	14807382	7/23/2015			Pending	Astora Women's Health, LLC's
244.	Pelvic Implant Sizing Systems and Methods	13652145	10/15/2012			Pending	Astora Women's Health, LLC
245.	Pelvic Implant Needle System and Method	13602857	9/4/2012			Pending	Astora Women's Health, LLC
246.	Surgical articles and methods for treating pelvic conditions	13595287	08/27/2012			Pending	Astora Women's Health, LLC's

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247.	Pelvic Implant System and Method	13568093	8/6/2012			Pending	Astora Women's Health, LLC
248.	Devices, systems, and related methods for delivery of fluid to tissue	13554176	07/20/2012			Pending	Astora Women's Health, LLC*
249.	Systems, implants, tools, and methods for treatments of pelvic conditions	13537977	6/29/2012			Pending	Astora Women's Health, LLC*
250.	Elongate Implant System and Method for Treating Pelvic Conditions	13520138	06/29/2012			Pending	Astora Women's Health, LLC
251.	Systems, implants, tools, and methods for treatments of pelvic conditions	13519492	1/3/2013			Pending	Astora Women's Health, LLC*
252.	Surgical needle device	29530998	06/22/2015	D775729	01/03/2017	Issued	Astora Women's Health, LLC
253.	Surgical indicators	29511190	12/08/2014	D746462	12/29/2015	Issued	Astora Women's Health, LLC
254.	Surgical indicator with backers	29401193	09/08/2011	D736382	08/11/2015	Issued	Astora Women's Health, LLC
255.	Surgical needle device	29450457	03/18/2013	D733298	06/30/2015	Issued	Astora Women's Health, LLC
256.	Surgical indicators	29401196	09/08/2011	D721807	01/27/2015	Issued	Astora Women's Health, LLC
257.	Backers for surgical indicators	29401194	09/08/2011	D721175	01/13/2015	Issued	Astora Women's Health, LLC
258.	Implant	29450446	03/18/2013	D705427	05/20/2014	Issued	Astora Women's Health, LLC
259.	Implant	29450472	03/18/2013	D696780	12/31/2013	Issued	Astora Women's Health, LLC
260.	Implant	29450454	03/18/2013	D694887	12/03/2013	Issued	Astora Women's Health, LLC
261.	Implant	29422909	05/24/2012	D694886	12/03/2013	Issued	Astora Women's Health, LLC
262.	Implant	29422988	05/25/2012	D685476	07/02/2013	Issued	Astora Women's Health, LLC
263.	Implant	29422901	05/24/2012	D681813	05/07/2013	Issued	Astora Women's Health, LLC
264.	Implant	29423014	05/25/2012	D680649	04/23/2013	Issued	Astora Women's Health, LLC
265.	Anatomic Female Pelvic Model	29319601	06/11/2008	D607936	01/12/2010	Issued	Astora Women's Health, LLC
266.	Handle for a surgical instrument	29195937	12/18/2003	D543626	05/29/2007	Issued	Astora Women's Health, LLC
267.	Handle for a surgical instrument	29179866	04/15/2003	D534650	01/02/2007	Issued	Astora Women's Health, LLC
268.	Surgical articles and methods for treating	14298471	06/06/2014	9585739	03/07/2017	Issued	Astora Women's Health, LLC

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	pelvic conditions						LLC
269.	Implantable Slings and Anchor Systems	13334002	12/21/2011	9572648	02/21/2017	Issued	Astora Women's Health, LLC
270.	Surgical Articles and Methods	14497892	09/26/2014	9554884	01/31/2017	Issued	Astora Women's Health, LLC
271.	Electrode implantation in a pelvic floor muscular structure	12406434	03/18/2009	9539433	01/10/2017	Issued	Astora Women's Health, LLC
272.	Tools and methods for treatment of pelvic conditions	14115239	12/05/2013	9510825	12/06/2016	Issued	Astora Women's Health, LLC
273.	Expandable Implant System	13435057	03/30/2012	9492259	11/15/2016	Issued	Astora Women's Health, LLC
274.	Tools and methods for treatment of pelvic conditions	13566613	08/03/2012	9492191	11/15/2016	Issued	Astora Women's Health, LLC*
275.	Implants, tools, and methods for treatments of pelvic conditions	13763296	02/08/2013	9192458	11/24/2015	Issued	Astora Women's Health, LLC
276.	Surgical articles and methods for treating pelvic conditions	12309170	06/21/2010	8932201	01/13/2015	Issued	Astora Women's Health, LLC
277.	Surgical articles and methods for treating pelvic conditions	12446492	10/27/2010	8388514	03/05/2013	Issued	Astora Women's Health, LLC*
278.	Continence augmentor and methods for urinary control	09126670	07/30/1998	6030337	02/29/2000	Issued	Astora Women's Health, LLC
279.	IMPLANTS, TOOLS, AND METHODS FOR TREATMENTS OF PELVIC CONDITIONS	14944068	11/19/2015			Pending	Astora Women's Health, LLC
280.	Systems, implants, tools, and methods for treatments of pelvic conditions	14573859	12/17/2014			Pending	Astora Women's Health, LLC
281.	Surgical articles and methods for treating pelvic conditions	14563567	12/08/2014			Pending	Astora Women's Health, LLC
282.	Surgical implants, tools, and methods for treating pelvic conditions	14462140	08/18/2014			Pending	Astora Women's Health, LLC*
283.	Reusable, searable needle and handle system and method	14377149	08/06/2014			Pending	Astora Women's Health, LLC
284.	Pelvic Implants having Perimeter Imaging Features	13520029	06/29/2012			Pending	Astora Women's Health, LLC
285.	Implants, tools, and methods for treatment of pelvic conditions	13432652	03/28/2012			Pending	Astora Women's Health, LLC
286.	Treatment of a pelvic condition through indirect electrical stimulation	13201828	08/16/2011			Pending	Astora Women's Health, LLC
287.	Connector for Mesh Support Insertion	13034842	02/25/2011			Pending	Astora Women's Health, LLC
288.	Surgical articles and methods for treating pelvic conditions	12666953	10/01/2010			Pending	Astora Women's Health, LLC

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289.	Electrode Sling for Treating Stress and Urge Incontinence	12281075	10/20/2008			Pending	Astora Women's Health, LLC
290.	Pelvic floor implant system and method of assembly	11755422	05/30/2007			Pending	Astora Women's Health, LLC
291.	Compositions and methods for treating collagen-mediated diseases	15160392	5/20/2016			Pending	Auxilium Pharmaceuticals, Inc.#
292.	Stabilized composites containing alkaline labile drugs	13463375	05/03/2012	8883187	11/11/2014	Issued	Auxilium US Holdings, LLC
293.	Process for the preparation of a hot-melt extruded laminate	12294372	09/24/2008	8465739	06/18/2013	Issued	Auxilium US Holdings, LLC
294.	Stabilized composites containing alkaline labile drugs	12294367	09/24/2008	8173152	05/08/2012	Issued	Auxilium US Holdings, LLC
295.	Delivery vehicle composition and methods for delivering antigens and other drugs	09888235	06/22/2001	7767197	8/3/2010	Issued	Endo Pharmaceuticals Colorado, Inc. ¹
296.	Particulate drug-containing products and method of manufacture	10717429	11/19/2001	7125566	10/24/2006	Issued	Endo Pharmaceuticals Colorado, Inc. ²
297.	Composition for delivery of hematopoietic growth factor	09893339	6/26/2001	6875441	4/5/2005	Issued	Endo Pharmaceuticals Colorado, Inc. ³
298.	Particulate insulin-containing products and method of manufacture	09469733	12/21/1999	6761909	7/13/2004	Issued	Endo Pharmaceuticals Colorado, Inc. ⁴
299.	Treatment of mucositis	099993383	11/21/2001	6685917	2/3/2004	Issued	Endo Pharmaceuticals Colorado, Inc. ⁵
300.	Particulate drug-containing products and method of manufacture	09740573	12/18/2000	6669960	12/30/2003	Issued	Endo Pharmaceuticals Colorado, Inc. ⁶
301.	Methods for use of delivery composition for expanding, activating, committing or mobilizing one or more pluripotent self-	09893372	06/26/2001	6649189	11/18/2003	Issued	Endo Pharmaceuticals Colorado, Inc. ⁷ and Board of Regents of the

- ¹ Former name of Endo Pharmaceuticals, Inc.
- ² Former name of Endo Pharmaceuticals, Inc.
- ³ Former name of Endo Pharmaceuticals, Inc.
- ⁴ Former name of Endo Pharmaceuticals, Inc.
- ⁵ Former name of Endo Pharmaceuticals, Inc.
- ⁶ Former name of Endo Pharmaceuticals, Inc.
- ⁷ Former name of Endo Pharmaceuticals, Inc.

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	renewing and committed stem cells						University of Nebraska
302.	Sustained release formulations of nalbuphine	11509347	08/24/2006	8771732	7/8/2014	Issued	Endo Pharmaceuticals Inc
303.	Sustained release formulation of nalbuphine	13773136	02/21/2013	8765175	07/01/2014	Issued	Endo Pharmaceuticals Inc
304.	Sustained release matrix systems for highly soluble drugs	11729024	03/27/2007	8679535	03/25/2014	Issued	Endo Pharmaceuticals Inc
305.	Sustained release formulations of nalbuphine	12154496	5/23/2008	8394812	3/12/2013	Issued	Endo Pharmaceuticals Inc
306.	Chemotherapeutic dosage forms and methods of treatment using chemotherapy	12985137	01/05/2011				Endo Pharmaceuticals Inc
307.	Intradermal-penetration agents for topical local anesthetic administration	10201901	07/25/2002	6746689	6/8/2004	Issued	Endo Pharmaceuticals Inc
308.	Sustained release formulation of nalbuphine	14290413	5/29/2014	9351938	5/31/2016	Issued	Endo Pharmaceuticals Inc
309.	Sustained release matrix systems for highly soluble drugs	14195127	03/03/2014			Pending	Endo Pharmaceuticals Inc
310.	Intradermal-penetration agents for topical local anesthetic administration	09523652	03/10/2000	6455066	09/24/2002	Issued	Endo Pharmaceuticals Inc.
311.	Treatment of xerostomia	11605983	11/29/2006	7501452	3/10/2009	Issued	Endo Pharmaceuticals Inc.
312.	Sustained release formulations of oxymorphone	10189932	07/03/2002	7276250	10/02/2007	Issued	Endo Pharmaceuticals Inc.
313.	Method of forming adhesive patch for applying medication to the skin	09629783	07/31/2000	6361790	03/26/2002	Issued	Endo Pharmaceuticals Inc.
314.	Method of treating pain utilizing controlled release oxymorphone pharmaceutical compositions and instruction on dosing for renal impairment	12716973	3/3/2010	8808737	8/19/2014	Issued	Endo Pharmaceuticals Inc.
315.	Oxymorphone controlled release formulations	11427438	06/29/2006	8329216	12/11/2012	Issued	Endo Pharmaceuticals Inc.
316.	Oxymorphone controlled release formulations	11680432	2/28/2007	8309122	11/13/2012	Issued	Endo Pharmaceuticals Inc.
317.	Analgesic drug composition containing a capsacinoid and potentiator therefor	09441268	11/16/1999	6277398	8/21/2001	Issued	Endo Pharmaceuticals Inc.
318.	Anticonvulsant coelating composition	09253598	2/22/1999	6187338	2/13/2001	Issued	Endo Pharmaceuticals Inc.

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	for treating neuropathic pain						
319.	Analgasic composition and method for alleviating pain	09063754	04/21/1998	6154451	4/25/2000	Issued	Endo Pharmaceuticals Inc.
320.	Analgasic composition and method for treating pain	09042248	3/13/1998	6007841	12/28/1999	Issued	Endo Pharmaceuticals Inc.
321.	Method and composition for treating migraine	09226297	1/7/1999	6043244	3/28/2000	Issued	Endo Pharmaceuticals Inc.
322.	Method of treating pain utilizing controlled release oxymorphone pharmaceutical compositions and instruction on dosing for renal impairment	14336753	7/21/2014			Pending	Endo Pharmaceuticals Inc.
323.	Implantation device for subcutaneous implantation of an object under the skin	12415681	3/31/2009	7850639	12/14/2010	Issued	Endo Pharmaceuticals Inc.
324.	Methods for making 2,7-chloro-1,8-naphthyridine-2-yl-3-(5-methyl-2-oxo-hexyl)-isoidolthione	11206144	08/18/2005	7057047	06/06/2006	Issued	Endo Pharmaceuticals Inc.
325.	Sulfonic acid and aldehyde condensation polymers for the treatment and prevention of hpv	12393778	2/26/2009	8604086	12/10/2013	Issued	Endo Pharmaceuticals Inc.
326.	Controlled release formulations of octreotide	12814293	6/11/2010	8507432	8/13/2013	Issued	Endo Pharmaceuticals Inc.
327.	A method of manufacturing an implantable device	12844357	7/27/2010	8475820	7/2/2013	Issued	Endo Pharmaceuticals Inc.
328.	Octreotide implant having a release agent	13098138	04/29/2011	8383577	2/26/2013	Issued	Endo Pharmaceuticals Inc.
329.	Combination treatment for bladder cancer	12397831	3/4/2009	8273721	9/25/2012	Issued	Endo Pharmaceuticals Inc.
330.	Methods and compositions for alleviating stuttering	12973515	12/20/2010	8242132	8/14/2012	Issued	Endo Pharmaceuticals Inc.
331.	An implantable device for the sustained release of a polypeptide	12490971	6/24/2009	8071537	12/6/2011	Issued	Endo Pharmaceuticals Inc.
332.	Compositions and methods for treating precocious puberty	11155822	6/17/2005	8062652	11/22/2011	Issued	Endo Pharmaceuticals Inc.
333.	Octreotide implant having a release agent and uses thereof	12490979	6/24/2009	7960335	6/14/2011	Issued	Endo Pharmaceuticals Inc.
334.	METHODS AND COMPOSITIONS FOR ALLEVIATING STUTTERING	11046706	2/1/2005	7858638	12/28/2010	Issued	Endo Pharmaceuticals Inc.
335.	Method of manufacturing an implantable device	13897895	5/20/2013	9072786	7/7/2015	Issued	Endo Pharmaceuticals Inc.
336.	IMPLANTING DEVICE	29179382	4/9/2003	D492995	7/13/2004	Issued	Endo Pharmaceuticals Inc.
337.	IMPLANT DEVICE RELEASE AGENTS AND METHODS OF USING	12109852	04/25/2008	9120249	09/01/2015	Issued	Endo Pharmaceuticals Inc.

No.	Title	App. No.	App. Date	Patent No.	Issue Date	Status	Owner
338.	SAME Methods and compositions for alleviating suffering	13489516	06/06/2012	8618127	12/31/2013	Issued	Endo Pharmaceuticals Solutions Inc.
339.	Controlled release formulations of octreotide	12240690	09/29/2008	7803773	09/28/2010	Issued	Endo Pharmaceuticals Solutions Inc.
340.	Delivery of dry formulations of octreotide	12171999	07/11/2008	7759312	07/30/2010	Issued	Endo Pharmaceuticals Solutions Inc.
341.	Method of inserting an object under the skin	11531311	09/13/2006	7510549	03/31/2009	Issued	Endo Pharmaceuticals Solutions Inc.
342.	Controlled release formulations of octreotide	11372749	03/10/2006	7452868	11/18/2008	Issued	Endo Pharmaceuticals Solutions Inc.
343.	Method for making 2-(7-chloro-1,8- naphthyridine-2-yl)-3-(5-methyl-2-oxo- hexyl)-1-isoindolincoc)	11411952	04/27/2006	7304158	12/04/2007	Issued	Endo Pharmaceuticals Solutions Inc.
344.	Implanting device and method of using same	10406397	04/03/2003	7214206	05/08/2007	Issued	Endo Pharmaceuticals Solutions Inc.
345.	Methods and compositions for alleviating suffering	09628803	7/28/2000	6855721	2/15/2005	Issued	Endo Pharmaceuticals Solutions Inc.
346.	Sulfonic acid and aldehyde condensation polymers for preventing pregnancy	08847019	5/11/1997	5958399	9/28/1999	Issued	Endo Pharmaceuticals Solutions Inc.
347.	Methods for making 2-(7-chloro-1,8- naphthyridine-2-yl)-3-(5-methyl-2-oxo- hexyl)-1-isoindolincoc)	10400780	02/27/2003	6949653	09/27/2005	Issued	Endo Pharmaceuticals Solutions Inc. #
348.	Hydrogel compositions useful for the sustained release of macromolecules and methods of making same	09644066	12/7/2000	6361797	3/26/2002	Issued	Endo Pharmaceuticals Solutions Inc.
349.	USE OF PACOCLONE FOR THE TREATMENT OF SOCIAL ANXIETY DISORDER	11352386	2/13/2006	7553847	6/30/2009	Issued	Endo Pharmaceuticals Solutions Inc. #
350.	METHODS OF TREATING OBSESSIVE-COMPULSIVE DISORDER	10133471	4/25/2002	7026332	4/11/2006	Issued	Endo Pharmaceuticals Solutions Inc. #
351.	High-concentration protein formulations and method of manufacture	10271832	10/16/2002	8372798	3/12/2013	Issued	Endo Pharmaceuticals, Inc
352.	Method for making analgesics	11866840	10/3/2007	7851482	12/14/2010	Issued	Endo Pharmaceuticals, Inc.
353.	Oxymorphone controlled release formulations	10190192	7/3/2002			Pending	Endo Pharmaceuticals, Inc.
354.	Sequential benzylic oxidations of the nuboxone ring system	09520099	3/7/2000	6166211	12/26/2000	Issued	Endo Pharmaceuticals, Inc.
355.	Crystalline anhydrous forms of oxymorphone hydrochloride	14613421	2/4/2015	9440986	9/13/2016	Issued	Endo Pharmaceuticals, Inc.
356.	Sustained release formulation of nalbuphine	14319833	6/30/2014	9186330	11/17/2015	Issued	Endo Pharmaceuticals, Inc.

No.	Title	App. No.	App. Date	Patent No.	Issue Date	Status	Owner
357.	Crystalline, anhydrous forms of oxymorphone hydrochloride	14091399	11/27/2013	8969368	3/3/2015	Issued	Endo Pharmaceuticals, Inc
358.	Methods for identifying compounds capable of supplementing the biological activity of leptin	10245616	09/17/2002	6953670	10/11/2005	Issued	Indevus Pharmaceuticals, Inc. ⁸
359.	Flocculated suspension of megestrol acetate	10136823	4/30/2002	6593320	7/15/2003	Issued	Par Pharmaceutical Companies, Inc. ⁹
360.	Flocculated Suspension Of Megestrol Acetate	09757261	1/9/2001	6593318	7/15/2003	Issued	Par Pharmaceutical Companies, Inc. ¹⁰
361.	Flocculated suspension of megestrol acetate	09416841	10/12/1999	6268356	7/31/2001	Issued	Par Pharmaceutical Companies, Inc. ¹¹
362.	Flocculated suspension of megestrol acetate	09063241	4/20/1998	6028065	2/22/2000	Issued	Par Pharmaceutical Companies, Inc. ¹²
363.	Epinephrine formulations	14818121	8/4/2015	9295657	03/29/2016	Issued	Par Pharmaceutical, Inc
364.	Epinephrine formulations	14657990	03/13/2015	9119876	09/01/2015	Issued	Par Pharmaceutical, Inc
365.	Use of Megestrol Acetate for Improving Heart Function and the Treatment of Heart Insufficiency	14956907	12/2/2015			Pending	Par Pharmaceutical, Inc
366.	Cyanocobalamin low viscosity aqueous formulations for intranasal delivery	14485228	9/12/2014	9415007	8/16/2016	Issued	Par Pharmaceutical, Inc.
367.	Vitamin B12 nasal spray and method of use	12618099	11/13/2009	9186374	11/17/2015	Issued	Par Pharmaceutical, Inc.
368.	Cyanocobalamin low viscosity aqueous formulations for intranasal delivery	13189061	7/22/2011	8940714	1/27/2015	Issued	Par Pharmaceutical, Inc.
369.	System and method for sorting data	13185599	7/19/2011	8620596	12/31/2013	Issued	Par Pharmaceutical, Inc.
370.	Nasal calcitonin formulations containing chlorobutanol	13371037	2/10/2012	8488891	7/16/2013	Issued	Par Pharmaceutical, Inc.
371.	Use of Megestrol Acetate for Improving Heart Function and the Treatment of Heart Insufficiency	11667899	9/24/2007	8383612	2/26/2013	Issued	Par Pharmaceutical, Inc
372.	Nasal calcitonin formulations containing chlorobutanol	12878936	09/09/2010	8138149	3/20/2012	Issued	Par Pharmaceutical, Inc

⁸ Former name of Endo Pharmaceuticals Solutions, Inc.

⁹ Former name of Endo Generics Holdings, Inc.

¹⁰ Former name of Endo Generics Holdings, Inc.

¹¹ Former name of Endo Generics Holdings, Inc.

¹² Former name of Endo Generics Holdings, Inc.

No.	Title	App. No.	App. Date	Patent No.	Issue Date	Status	Owner
373.	Cyanocobalamin low viscosity aqueous formulations for intranasal delivery	12142240	6/19/2018	8003353	8/23/2011	Issued	Par Pharmaceutical, Inc.
374.	System and method for sorting data	12466135	5/14/2009	7996170	8/6/2011	Issued	Par Pharmaceutical, Inc.
375.	Cyanocobalamin low viscosity aqueous formulations for intranasal delivery	12079875	3/27/2008	7879349	2/1/2011	Issued	Par Pharmaceutical, Inc.
376.	Nasal calcitonin formulations containing chlorobutanol	10805788	03/22/2004	7812120	10/12/2010	Issued	Par Pharmaceutical, Inc.
377.	System and method for sorting data	11810651	6/6/2007	7552020	6/23/2009	Issued	Par Pharmaceutical, Inc.
378.	Cyanocobalamin low viscosity aqueous formulations for intranasal delivery	10814399	03/31/2004	7404489	07/29/2008	Issued	Par Pharmaceutical, Inc.
379.	System and method for sorting data	11150614	6/10/2005	7246020	7/17/2007	Issued	Par Pharmaceutical, Inc.
380.	Cyanocobalamin low viscosity aqueous formulations for intranasal delivery	10787385	02/26/2004	7229636	06/12/2007	Issued	Par Pharmaceutical, Inc.
381.	Processes for preparing furanamide compounds and compounds prepared by such processes	09685443	10/11/2000	6238401	05/08/2001	Issued	Par Pharmaceutical, Inc.
382.	System and method for sorting data	14108047	12/16/2013			Pending	Par Pharmaceutical, Inc.
383.	Use of megestrol acetate for the treatment of obstructive pulmonary diseases	11997274	07/13/2008			Pending	Par Pharmaceutical, Inc.
384.	Vasopressin formulations for use in treatment of hypotension	14717882	5/20/2015	9375478	06/28/2016	Issued	Par Pharmaceutical, Inc.
385.	Vitamin B12 nasal spray and method of use	14878430	10/8/2015			Pending	Par Pharmaceutical, Inc.
386.	Ephedrine Formulations	14863112	9/23/2015			Pending	Par Pharmaceutical, Inc.
387.	Vitamin B12 nasal spray and method of use	14738417	6/12/2015			Pending	Par Pharmaceutical, Inc.
388.	Vasopressin formulations for use in treatment of hypertension	14717877	5/20/2015			Pending	Par Pharmaceutical, Inc.
389.	Vasopressin formulations for use in treatment of hypertension	15289640	10/10/2016			Pending	Par Pharmaceutical, Inc. ¹³
390.	Stabilized compositions containing alkaline labile drugs	14517140	10/17/2014	9364445	6/14/2016	Issued	Auxilium US Holdings, LLC
391.	Chronotherapeutic dosage forms	12380642	3/2/2009	9278076	3/5/2016	Issued	Endo Pharmaceuticals Inc.
392.	Controlled release formulations of octreotide	15246020	8/24/2016			Pending	Endo Pharmaceuticals Solutions Inc.
393.	Delivery of dry formulations of octreotide	15246009	8/24/2016			Pending	Endo Pharmaceutical Solutions Inc.
394.	Sustained release formulation of nalbuphine	15162062	5/23/2016			Pending	Endo Pharmaceuticals Inc.

¹³ A corrective has been filed with the USPTO against this patent.

No.	Title	App. No.	App. Date	Patent No.	Issue Date	Status	Owner
395.	Implantable device for the delivery of octreotide and methods of use thereof	14534415	11/6/2014			Pending	Endo Pharmaceutical Solutions Inc.
396.	Oxymorphone controlled release compositions	14798619	7/14/2015			Pending	Endo Pharmaceuticals Inc.
397.	Minimally invasive implant and method	13335472	12/22/2011	9017243	4/28/2015	Issued	Astora Women's Health, LLC
398.	Surgical articles and methods for treating pelvic conditions	12467634	5/18/2009	8951185	2/10/2015	Issued	Astora Women's Health, LLC

* A corrective to address the incorrect spelling of "Corparation" in the assignment has been filed with the USPTO.

Parent will use commercially reasonable efforts to address inventor assignment issues shown on the face of the record.

	Title	App. No.	App. Date	Patent No.	Issue Date	Status	Owner
1.	System and Methods for Treating a Pelvic Disorder	16/253,208	01/21/2019			Filed	Astora Women's Health LLC
2.	Compositions and Methods for Treating Precocious Puberty	16/002,578	06/07/2018			Filed	Endo Pharmaceuticals Solutions Inc.
3.	Controlled Release Formulations of Octreotide	16/548,682	08/22/2019			Filed	Endo Pharmaceuticals Solutions Inc.
4.	Implantable Device for the Delivery of Octreotide and Methods for Use Thereof	16/456,601	06/28/2019			Filed	Endo Pharmaceuticals Solutions Inc.
5.	Method of Treating Pain Utilizing Controlled Release Oxymorphone Pharmaceutical Compositions and Instructions on Dosing for Renal Impairment	15/785,080	10/16/2017			Filed	Endo Pharmaceuticals Inc.
6.	Oxymorphone Controlled Release Compositions	16/049,390	07/30/2018			Filed	Endo Pharmaceuticals Inc.
7.	Sustained Release Formulation of Nalbuphine	15/658,234	07/24/2017			Filed	Endo Pharmaceuticals Inc.
8.	Epinephrine Formulations	16/258,204	01/25/2019			Filed	Par Pharmaceutical, Inc.
9.	Epinephrine Formulations	15/969,500	05/02/2018	10,624,864	04/21/2020	Granted	Par Pharmaceutical, Inc.
10.	Epinephrine Formulations	16/817,253	03/12/2020			Filed	Par Pharmaceutical, Inc.
11.	Vasopressin Formulations for Use in Treatment of Hypotension	15/688,305	08/28/2017	9,981,006	05/29/2018	Granted	Par Pharmaceutical, Inc.
12.	Vasopressin Formulations for Use in Treatment of Hypotension	15/688,314	08/28/2017	9,962,422	05/08/2018	Granted	Par Pharmaceutical, Inc.
13.	Vasopressin Formulations for Use in Treatment of Hypotension	15/688,322	08/28/2017	9,974,827	05/22/2018	Granted	Par Pharmaceutical, Inc.
14.	Vasopressin Formulations for Use in Treatment of Hypotension	15/688,326	08/28/2017	10/010,575	07/03/2018	Granted	Par Pharmaceutical, Inc.
15.	Vasopressin Formulations for Use in Treatment of Hypotension	15/688,330	08/28/2017	9,925,234	03/27/2018	Granted	Par Pharmaceutical, Inc.
16.	Vasopressin Formulations for Use in Treatment of Hypotension	15/688,334	08/28/2017	9,993,520	06/12/2018	Granted	Par Pharmaceutical, Inc.

	Title	App. No.	App. Date	Patent No.	Issue Date	Status	Owner
17.	Vasopressin Formulations for Use in Treatment of Hypotension	15/688.336	08/28/2017	9,968,649	05/15/2018	Granted	Par Pharmaceutical, Inc.
18.	Vasopressin Formulations for Use in Treatment of Hypotension	15/688.338	08/28/2017	9,919,026	03/20/2018	Granted	Par Pharmaceutical, Inc.
19.	Vasopressin Formulations for Use in Treatment of Hypotension	16/291.796	03/04/2019			Filed	Par Pharmaceutical, Inc.
20.	Vasopressin Formulations for Use in Treatment of Hypotension	16/291.915	03/04/2019			Filed	Par Pharmaceutical, Inc.
21.	Vasopressin Formulations for Use in Treatment of Hypotension	16/161.277	10/17/2018			Filed	Par Pharmaceutical, Inc.
22.	Vasopressin Formulations for Use in Treatment of Hypotension	16/359.659	03/20/2019			Filed	Par Pharmaceutical, Inc.

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<u>COUNTRY</u>	<u>TITLE</u>	<u>REG. (APP.) NO.</u>	<u>REG. (APP.) DATE</u>	<u>OWNERSHIP</u>
US	Compositions and methods for producing clostridial collagenases	10,119,131	11/6/2018	BioSpecifics Technologies Corp.
US	Compositions and methods for producing clostridial collagenases	(16/180,156)	11/5/2018	BioSpecifics Technologies Corp.
US	Compositions and methods for producing clostridial collagenases	(17/004,857)	8/27/2020	BioSpecifics Technologies Corp.
US	Treating method and product for uterine fibroids using purified collagenase	9,744,138	8/29/2017	Co-owned by BioSpecifics Technologies Corp., Duke University and North Carolina Central University
US	Treating method and product for uterine fibroids using purified collagenase	10,369,110	8/6/2019	Co-owned by BioSpecifics Technologies Corp. and Duke University
US	Treating method and product for uterine fibroids using purified collagenase	(15/666,365)	(8/1/2017)	Co-owned by BioSpecifics Technologies Corp. and Duke University
US	Treating method and product for uterine fibroids using purified collagenase	(16/506,435)	(7/9/2019)	Co-owned by BioSpecifics Technologies Corp. and Duke University
US	Treating method and product for uterine fibroids using purified collagenase	(17/769,197)	(10/6/2020)	Co-owned by BioSpecifics Technologies Corp. and Duke University
US	Thermosensitive Hydrogel Collagen use Formulations	(14/853,245)	(9/14/2016)	BioSpecifics Technologies Corp.
US	Thermosensitive Hydrogel Collagenase Formulations	10,272,140	4/30/2019	BioSpecifics Technologies Corp.
US	Treatment of Uterine Fibroids using Purified Collagenase	(62/915,360)	10/15/2019	BioSpecifics Technologies Corp., The Johns Hopkins University and Duke University
US	Treatment of Uterine Fibroids using Purified Collagenase	(62/915,363)	10/15/2019	BioSpecifics Technologies Corp., The Johns Hopkins University and Duke University
US	Treatment of Uterine Fibroids using Purified Collagenase	(62/915,367)	10/15/2019	BioSpecifics Technologies Corp., The Johns Hopkins University and Duke University
US	Treatment of Uterine Fibroids using Purified Collagenase	(17/070,747)	10/14/2020	BioSpecifics Technologies Corp., The Johns Hopkins University and Duke University
US	Thermosensitive Hydrogel Collagenase Formulations	(63/092,290)	10/15/2020	BioSpecifics Technologies Corp., North Carolina State University and Duke University

	Title	App. No.	App. Date	Patent No.	Issue Date	Status	Owner
1.	Treatment of Uterine Fibroids using Purified Collagenase	62/915,360	10/15/2019			Provisional Filed	BioSpecifics Technologies LLC, The Johns Hopkins University and Duke University
2.	Treatment of Uterine Fibroids using Purified Collagenase	62/915,363	10/15/2019			Provisional Filed	BioSpecifics Technologies LLC, The Johns Hopkins University and Duke University
3.	Treatment of Uterine Fibroids using Purified Collagenase	62/915,367	10/15/2019			Provisional Filed	BioSpecifics Technologies LLC, The Johns Hopkins University and Duke University
4.	Treatment of Uterine Fibroids using Purified Collagenase	17/070,747	10/14/2020			Filed	BioSpecifics Technologies LLC, The Johns Hopkins University and Duke University
5.	Thermosensitive Hydrogel Collagenase Formulations	63/092,190	10/15/2020			Provisional Filed	BioSpecifics Technologies LLC, North Carolina State University and Duke University
6.	Epinephrine Formulations	16/817,253	03/12/2020			Filed	Par Pharmaceutical, Inc.
7.	Stabilized Compositions Containing Alkaline Labile Drugs	15/159,285	05/19/2016	9,867,786	01/16/2018	Granted	Auxilium US Holdings, LLC
8.	Selective Nerve Fiber Stimulation for Treating Heart Conditions	10/205,475	07/24/2002	7,778,703	08/17/2010	Granted	Astora Women's Health, LLC; Medtronic, Inc.
9.	System for Osmotic Delivery of Pharmaceutically Active Agents	09/872,173	06/01/2001	6,838,093	01/04/2005	Granted	Endo Pharmaceuticals Solutions Inc. (as exclusive licensee); Supernus Pharmaceuticals, Inc. (as owner)
10.	Compositions and Methods for Treating Precocious Puberty	16/793,391	02/18/2020			Filed	Endo Pharmaceuticals Solutions Inc.
11.	Delivery of Dry Formulations of Octreotide	16/564,922	09/09/2019			Filed	Endo Pharmaceuticals Solutions Inc.
12.	Controlled Release Formulations of Octreotide	16/942,309	07/29/2020			Filed	Endo Pharmaceuticals Solutions Inc.
13.	Sustained Release Formulations of Nalbuphine	16/198,143	11/21/2018	10,406,106	09/10/2019	Granted	Endo Pharmaceuticals Solutions Inc.

	Title	App. No.	App. Date	Patent No.	Issue Date	Status	Owner
14.	Treatment Method and Product for Uterine Fibroids using Purified Collagenase	17/064.126	10/06/2020			Filed	Biospecifics Technologies LLC; Duke University
15.	Treatment Method and Product for Uterine Fibroids using Purified Collagenase	17/083.650	10/29/2020			Filed	Biospecifics Technologies LLC
16.	Method to Treat Hypotension Using Vasopressin in Certain Genotypes	17/070.103	10/14/2020	10,920,278	02/16/2021	Granted	Par Pharmaceutical, Inc.
17.	Method to Treat Hypotension Using Vasopressin in Certain Genotypes	16/932,351	07/17/2020	10,844,435	11/24/2020	Granted	Par Pharmaceutical, Inc.
18.	Oxymorphone Controlled Release Compositions	17/035.453	09/28/2020			Filed	Endo Pharmaceuticals Inc.
19.	Crystalline, Anhydrous Forms of Oxymorphone Hydrochloride	15/263.175	09/12/2016	9,926,328	03/27/2018	Granted	Endo Pharmaceuticals Inc.
20.	Vasopressin Formulations for Use in Treatment of Hypotension	15/426,693	02/07/2017	9,744,209	08/29/2017	Granted	Par Pharmaceutical, Inc.
21.	Vasopressin Formulations for Use in Treatment of Hypotension	15/426,703	02/07/2017	9,750,785	09/05/2017	Granted	Par Pharmaceutical, Inc.
22.	Vasopressin Formulations for Use in Treatment of Hypotension	15/606,442	05/26/2017	9,937,223	04/10/2018	Granted	Par Pharmaceutical, Inc.
23.	Vasopressin Formulations for Use in Treatment of Hypotension	15/612,649	06/02/2017	9,925,233	03/27/2018	Granted	Par Pharmaceutical, Inc.
24.	Implantable Article and Method	14/967,730	12/14/2015	9,987,113	06/05/2018	Granted	Astora Women's Health LLC
25.	Systems and Methods for Treating a Pelvic Disorder	15/099,912	04/15/2016	10,201,412	02/12/2019	Granted	Astora Women's Health LLC
26.	Sulfonic Acid and Aldehyde Polymers for the Treatment and Prevention of HPV	12/393,778	02/26/2009	8,604,086	12/10/2013	Granted	Endo Pharmaceuticals Solutions Inc.
27.	Systems, Apparatus, and Associated Methods for Needleless Delivery of Therapeutic Fluids	13/919073	06/17/2013	9706900	07/18/2017	Granted	Endo Pharmaceuticals, Inc.
28.	Systems, Apparatus, and Associated Methods for Needleless Delivery of Therapeutic Fluids	11/942,080	11/19/2007	8491525	07/23/2013	Granted	Endo Pharmaceuticals, Inc.
29.	Needleless Delivery Systems	13/569,788	08/08/2012	8,808,232	08/19/2014	Granted	Endo Pharmaceuticals, Inc.
30.	Injection Tube for Jet Injection Device	14/515,757	10/16/2014	9,814,837	11/14/2017	Granted	Endo Pharmaceuticals, Inc.

	Title	App. No.	App. Date	Patent No.	Issue Date	Status	Owner
31.	Needleless Injection Device Components, Systems, and Methods	12/839,956	07/20/2010	8,366,657	02/05/2013	Granted	Endo Pharmaceuticals, Inc.
32.	Method and Apparatus for Compensating for Injection Media Viscosity in a Pressurized Drug Injection System	15/233,040	08/10/2016	9,795,733	10/24/2017	Granted	Endo Pharmaceuticals, Inc.
33.	Devices, Systems, and Methods for Delivering Fluid to Tissue	13/260,869	11/18/2011	8,628,494	01/14/2014	Granted	Endo Pharmaceuticals, Inc.
34.	Devices, Systems, and Methods for Delivering Fluid to Tissue	15/180,495	06/13/2016	9,675,759	06/13/2017	Granted	Endo Pharmaceuticals, Inc.
35.	High Pressure Delivery System and Method for Treating Pelvic Disorder Using Large Molecule Therapeutics	14/659,095	03/16/2015	9,827,375	11/28/2017	Granted	Endo Pharmaceuticals, Inc.
36.	Delayed Release Dosage Forms	10/943,356	09/17/2004	8,389,008	03/05/2013	Granted	Endo Pharmaceuticals Inc.
37.	Sustained Release Formulations of Metformin	10/630,239	07/30/2003	7,214,387	05/08/2007	Granted	Endo Pharmaceuticals Inc.
38.	Heating Method for Tissue Contraction	11/069,681	03/01/2005	7,792,589	09/07/2010	Granted	Astora Women's Health LLC

SCHEDULE III

RELEASED COPYRIGHT COLLATERAL

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Copyrights – US Registrations

Title	Reg. No. Reg. Date	Status	Owner
PERCODAN Label (February 2006)	TX0008239282 1/11/2016	Registered	Endo Pharmaceuticals Inc.
Clinical considerations in parenteral analgesia.	TX0001280669 2/2/1983	Registered	Endo Pharmaceuticals, Inc.
Indevus urgency severity scale.	TXu001081116 5/20/2003	Registered	Indevus Pharmaceuticals, Inc ¹ .
Dantrium IV.	PA0001690155 8/6/2010	Registered	JHP Pharmaceuticals, LLC ²
Dantrium Website (www.dantrium.com)	TX0007181883 6/28/2010	Registered	JHP Pharmaceuticals, LLC ³
Regulatory Affairs - eCTD Templates	TXu001666726 9/16/2008	Registered	Par Pharmaceutical Companies ⁴ , Inc. d.b.a. Par Pharmaceutical
Endo Website September 2015.	TX0008257368 9/25/2015	Registered	Endo Pharmaceutical, Inc.

¹ Former name of Endo Pharmaceuticals Solutions, Inc.

² Former name of Par Sterile Products, LLC

³ Former name of Par Sterile Products, LLC

⁴ Former name of Endo Generic Holdings, Inc.

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	Title	Registration Number	Registration Date	Status	Owner
1	ENDO.COM Website (2018)	TX0008747814	Oct 26, 2018	Registered	Endo Pharmaceuticals Inc.
2	OPANA ER PRESCRIPTION LABELS (December 2016)	TX0008390453	4-19-2017	Registered	Endo Pharmaceuticals Inc.
3	ENDO WEBSITE (SEPTEMBER 2015)	TX0005795256	27-Apr-17	Registered	Endo Pharmaceuticals Inc.
4	PROMETIAZINE VC WITH CODEINE SYRUP PRESCRIPTION LABEL (February 2011)	TX0008109021	02-18-2016	Registered	Genetic Audio L.L.C.
5	PERCOCET Medicine Labels (December 2016)	TX0008350726	12-16-2016	Registered	Endo Pharmaceuticals Inc.
6	Clinical Considerations in Parenteral Analgesia	TX0001280669	02-02-1983	Registered	Endo Pharmaceuticals Inc.
7	Endo Website September 2015	TX0008257368	09/25/2015	Registered	Endo Pharmaceuticals Inc.
8	PERCOCAN Label (February 2006)	TX0008239282	01-11-2016	Registered	Endo Pharmaceuticals Inc.
9	Regulatory Affairs eCTD Templates	TX0001666726	09/16/2009	Registered	Par Pharmaceutical Companies, Inc.

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	Title	Registration Number	Registration Date	Status	Owner
1	Dantrium IV	PA0001690155	8/6/2010	Registered	PAR Sterile Products, LLC
2	Dantrium Website (www.dantrium.com)	TN0007181883	6/28/2010	Registered	PAR Sterile Products, LLC
3	Indevus urgency severity scale	TX0001081116	5/20/2003	Registered	Indevus Pharmaceuticals, Inc. (now known as Endo Pharmaceuticals Solutions, Inc.)
4	PHOTONUMERIC CELLULITE SEVERITY SCALE THIGH AND BUTT (October 2016)			Filed	Endo Pharmaceuticals Inc.