## 505551840 07/01/2019

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5598641

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	RELEASE OF SECURITY INTEREST IN PATENTS

## **CONVEYING PARTY DATA**

Name	Execution Date
CREDIT SUISSE AG, CAYMAN ISLANDS BRANCH, AS ADMINISTRATIVE AGENT	06/28/2019

## **RECEIVING PARTY DATA**

Name:	ENCAPSYS, LLC
Street Address:	2515 EISENHOWER DRIVE
City:	APPLETON
State/Country:	WISCONSIN
Postal Code:	54915
Name:	IPS STRUCTURAL ADHESIVES, INC.
Street Address:	455 W. VICTORIA STREET
City:	COMPTON
State/Country:	CALIFORNIA
Postal Code:	90220
Name:	IPS CORPORATION
Street Address:	455 W. VICTORIA STREET
City:	COMPTON
State/Country:	CALIFORNIA
Postal Code:	90220
Name:	WATERTITE PRODUCTS, INC.
Street Address:	455 W. VICTORIA STREET
City:	COMPTON
State/Country:	CALIFORNIA
Postal Code:	90220
Name:	WELD-ON ADHESIVES, INC.
Street Address:	455 W. VICTORIA STREET
City:	COMPTON
State/Country:	CALIFORNIA
Postal Code:	90220
Name:	IPS ADHESIVES LLC
Street Address:	455 W. VICTORIA STREET
	·

PATENT REEL: 049891 FRAME: 0807

505551840

City:	COMPTON
State/Country:	CALIFORNIA
Postal Code:	90220

## **PROPERTY NUMBERS Total: 110**

Property Type	Number
Patent Number:	6592990
Patent Number:	6544926
Patent Number:	6830645
Patent Number:	6726796
Patent Number:	6517648
Patent Number:	6843871
Patent Number:	7300530
Patent Number:	7122503
Patent Number:	6890592
Patent Number:	7803422
Patent Number:	7736695
Patent Number:	7985445
Patent Number:	8119214
Patent Number:	8796381
Patent Number:	7629394
Patent Number:	7722939
Patent Number:	7722940
Patent Number:	7678847
Patent Number:	8893760
Patent Number:	8071214
Patent Number:	8067355
Patent Number:	7915215
Patent Number:	8551935
Patent Number:	8974547
Patent Number:	8242056
Patent Number:	8067089
Patent Number:	8455098
Patent Number:	8715544
Patent Number:	8440265
Patent Number:	9714396
Patent Number:	9714397
Patent Number:	9656233
Patent Number:	9528032

PATENT

**REEL: 049891 FRAME: 0808** 

Property Type	Number
Patent Number:	9205395
Patent Number:	9192908
Patent Number:	10308894
Patent Number:	10292910
Patent Number:	9937477
Patent Number:	10092485
Patent Number:	9896649
Patent Number:	9809725
Patent Number:	10208428
Patent Number:	6602958
Patent Number:	6852801
Patent Number:	7795351
Patent Number:	RE46269
Patent Number:	7816453
Patent Number:	6073891
Patent Number:	6152412
Patent Number:	6116286
Patent Number:	6129109
Patent Number:	6234198
Patent Number:	7032615
Patent Number:	7055184
Patent Number:	7077156
Patent Number:	7441729
Patent Number:	6799600
Patent Number:	6618875
Patent Number:	6622317
Patent Number:	7017199
Patent Number:	7264431
Patent Number:	8196612
Patent Number:	7341285
Patent Number:	8276636
Patent Number:	8746747
Patent Number:	9044900
Patent Number:	9133373
Patent Number:	7464727
Patent Number:	8136548
Patent Number:	7597118
Patent Number:	9091046

Property Type	Number
Patent Number:	8042576
Patent Number:	9068678
Patent Number:	9018326
Patent Number:	D536349
Patent Number:	8256467
Patent Number:	6087421
Patent Number:	D551064
Patent Number:	9683355
Patent Number:	9388555
Patent Number:	9676922
Patent Number:	6372821
Patent Number:	9488307
Patent Number:	8747004
Patent Number:	8899446
Patent Number:	9394674
Patent Number:	9422704
Patent Number:	9371635
Patent Number:	9518381
Patent Number:	9903489
Patent Number:	9650765
Patent Number:	9650766
Patent Number:	10132066
Patent Number:	7731131
Patent Number:	8567434
Patent Number:	7908685
Patent Number:	7025092
Application Number:	15629286
Application Number:	15629111
Application Number:	15436932
Application Number:	15372545
Application Number:	15225986
Application Number:	14884671
Application Number:	62471999
Application Number:	62451387
Application Number:	14304371
Application Number:	13909728
Application Number:	14858394
Application Number:	14862751

Property Type	Number
Application Number:	15179355

#### **CORRESPONDENCE DATA**

**Fax Number:** (800)494-7512

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:** 202-370-4756

**Email:** ipteam@cogencyglobal.com

Correspondent Name: JAY DASILVA

Address Line 1: 1025 VERMONT AVE NW, SUITE 1130

Address Line 2: COGENCY GLOBAL INC.

Address Line 4: WASHINGTON, D.C. 20005

ATTORNEY DOCKET NUMBER:	102268 2L PAT REL		
NAME OF SUBMITTER:	BRANDON OKUN		
SIGNATURE:	/Brandon Okun/		
DATE SIGNED:	07/01/2019		

#### **Total Attachments: 12**

source=#92214389v2 - (Encapsys - 2L Patent Release 2019)#page4.tif source=#92214389v2 - (Encapsys - 2L Patent Release 2019)#page5.tif source=#92214389v2 - (Encapsys - 2L Patent Release 2019)#page6.tif source=#92214389v2 - (Encapsys - 2L Patent Release 2019)#page7.tif source=#92214389v2 - (Encapsys - 2L Patent Release 2019)#page8.tif source=#92214389v2 - (Encapsys - 2L Patent Release 2019)#page9.tif source=#92214389v2 - (Encapsys - 2L Patent Release 2019)#page10.tif source=#92214389v2 - (Encapsys - 2L Patent Release 2019)#page11.tif source=#92214389v2 - (Encapsys - 2L Patent Release 2019)#page12.tif source=#92214389v2 - (Encapsys - 2L Patent Release 2019)#page13.tif source=#92214389v2 - (Encapsys - 2L Patent Release 2019)#page13.tif source=#92214389v2 - (Encapsys - 2L Patent Release 2019)#page14.tif source=#92214389v2 - (Encapsys - 2L Patent Release 2019)#page15.tif

## **RELEASE OF SECURITY INTEREST IN PATENTS**

June 28, 2019

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, Credit Suisse AG, Cayman Islands Branch., as administrative agent (the "Administrative Agent"), whose address is Eleven Madison Avenue, New York, NY 10010, pursuant to that certain Second Lien Security Agreement, dated as of November 7, 2017, by and among the grantors from time to time party thereto and the Administrative Agent for the Secured Parties referenced therein (as the same may have been amended, modified, extended, restated, renewed, replaced or supplemented from time to time, the "Security Agreement"), does hereby, on behalf of itself and the Secured Parties, unconditionally and expressly release, terminate and forever discharge and extinguish any and all of its right, title and interest in and to any and all liens and security interests it may have under all intellectual property collateral identified in the Security Agreement and the Second Lien Patent Security Agreement (as the same may have been amended, modified, extended, restated, renewed, replaced or supplemented from time to time, the "Patent Security Agreement") dated as of November 7, 2017, among the Administrative Agent and the Persons listed on the signature pages thereto from time to time (each a "Grantor" and collectively, the "Grantors"), including, without limitation, the patents listed on Schedule 1 attached hereto (collectively, the "Released Collateral"), arising from the Security Agreement and the Patent Security Agreement, which was recorded in the United States Patent and Trademark Office ("PTO") on or about November 14, 2017, against the United States patents listed on Schedule 1 at Reel/Frame Numbers 044444/0932. The Administrative Agent hereby, on behalf of itself and the Secured Parties, releases, retransfers and reassigns to each Grantor, as applicable, the security interest and all of the Administrative Agent's right, title and interest in, to and under the Released Collateral. The Administrative Agent will take all such further actions, execute and deliver, at the request and cost of the applicable Grantor, such further instruments, documents and release forms as such Grantor may reasonably request or are required to more effectively release, terminate, discharge, and extinguish any such liens and security interests upon such Released Collateral. This Release of Patent Security Interest shall be binding upon the Administrative Agent, its legal representatives, assigns and successors. The Administrative Agent hereby authorizes and requests the Commissioner of Patents and Trademarks and any other applicable government officer to record this Release of Patent Security Interest.

#92196959v4

Executed as of the date first written above.

## ADMINISTRATIVE AGENT:

CREDIT SUISSE AG, CAYMAN ISLANDS

BRANCH, as Administrative Agent

Ву: \_\_\_\_

Name: Judiyh E. Smith

Title: Authorized Signatory

Ву:

Name: Lingzi Huang

Title: Authorized Signatory

REEL: 049891 FRAME: 0813

# Schedule 1 to the Release of Patent Security Interest

## **Released Collateral**

## <u>United States Patents and Patent Applications</u>

Jurisdiction	Title	Serial No.	App. Date	Pub/ Patent No.	Pub/Issue Date	Record Owner	Status
US	In situ microencapsulated adhesive	09/942,648	30- Aug- 2001	6,592,990	15-Jul- 2003	Encapsys LLC	Issued
US	Microcapsules having improved printing and efficiency	09/975,882	11- Oct- 2001	6,544,926	08-Apr- 2003	Encapsys LLC	Issued
US	System and method for rupturing encapsulated adhesive in sheet media	09/816,321	26- Mar- 2001	6,830,645	14-Dec- 2004	Encapsys LLC	Issued
US	Pressure sensitive labeler-liner eliminator	09/994047	27- Nov- 2001	6,726,796	27-Apr- 2004	Encapsys LLC	Issued
US	Process for preparing a non-woven fibrous web	10/001,121	02- Nov- 2001	6,517,648	11-Feb- 2003	Encapsys LLC	Issued
US	Process for preparing a non-woven fibrous web	10/298,200	15- Nov- 2002	6,843,871	18-Jan- 2005	Encapsys LLC	Issued
US	Process for preparing a non-woven fibrous web	11/036,726	14- Jan- 2005	7,300,530	27-Nov- 2007	Encapsys LLC	Issued
US	Uniform microcapsules	11/051,744	28- Mar- 2005	7,122,503	17-Oct- 2006	Encapsys LLC	Issued
US	Uniform microcapsules	10/099,757	13- Mar- 2002	6,890,592	10-May- 2005	Encapsys LLC	Issued
US	Water-in-oil capsule manufacture process and microcapsules produced by such process	11/436,496	18- May- 2006	7,803,422	28-Sep- 2010	Encapsys LLC	Issued
US	Oil-in-water capsule manufacture process and microcapsules produced by such	11/436,317	18- May- 2006	7,736,695	15-Jun- 2010	Encapsys LLC	Issued

Jurisdiction	Title	Serial No.	App. Date	Pub/ Patent No.	Pub/Issue Date	Record Owner	Status
	process						
US	Water-in-oil capsule manufacture process and	12/855,733	13- Aug- 2010	7,985,445	26-Jul- 2011	Encapsys LLC	Issued
	microcapsules produced by such process						
US	Encapsulated cure systems		31- Aug- 2005	8,119,214	21-Feb- 2012	Encapsys LLC	Issued
US	Encapsulated cure systems	13/235,357	17- Sep- 2011	8,796,381	05-Aug- 2014	Encapsys LLC	Issued
US	UV curable coating material of encapsulated water dispersed core material	11/358,817	21- Feb- 2006	7,629,394	08-Dec- 2009	Encapsys LLC	Issued
US	Adhesively securable stock materials	11/364,730	28- Feb- 2006	7,722,939	25-May- 2010	Encapsys LLC	Issued
US	Adhesively securable stock packaging materials	11/364,736	28- Feb- 2006	7,722,940	25-May- 2010	Encapsys LLC	Issued
US	Encapsulated structural adhesive	11/451,833	13- Jun- 2006	7,678,847	16-Mar- 2010	Encapsys LLC	Issued
US	Activator means for pre-applied adhesives	13/236,214	19- Sep- 2011	8,893,760	25-Nov- 2014	Encapsys LLC	Issued
US	Particle with selected permeance wall	12/221,781	06- Aug- 2008	8,071,214	06-Dec- 2011	Encapsys LLC	Issued
US	Benefit agent containing delivery particles		Apr- 2009	8,067,355	2011	Encapsys LLC	Issued
US	Fragrance-delivery composition comprising boron and persulfate ion-crosslinked polyvinyl alcohol microcapsules and method of use thereof	12/289,010	17- Oct- 2008	7,915,215	29-Mar- 2011	Encapsys LLC	Issued
US	Benefit agent containing delivery particle	13/307,085	30- Nov- 2011	8,551,935	08-Oct- 2013	Encapsys LLC	Issued
US	Delivery particle	12/508,214	23- Jul-	8,974,547	10-Mar- 2015	Encapsys LLC	Issued

Jurisdiction	Title	Serial No.	App.	Pub/ Patent No.	Pub/Issue	Record	Status
			Date		Date	Owner	
US	Agriculture actives delivery composition	12/587,669	2009 09- Oct- 2009	8,242,056	14-Aug- 2012	Encapsys LLC	Issued
	comprising boron and persulfate ion-crosslinked polyvinyl alcohol microcapsules and method of use thereof						
US	Cationic microcapsule particles	12/382,946	27- Mar- 2009	8,067,089	29-Nov- 2011	Encapsys LLC	Issued
US	Encapsulated solid hydrophilic particles		06- Apr- 2010	8,455,098	04-Jun- 2013	Encapsys LLC	Issued
US	Hydrophilic liquid encapsulates	12/973,175	20- Dec- 2010	8,715,544	06-May- 2014	Encapsys LLC	Issued
US	Water- and heat- resistant scratch- and-sniff coating	12/761,026	15- Apr- 2010	8,440,265	14-May- 2013	Encapsys LLC	Issued
US	Controlled Release Dual Walled Microcapsules	14/884684	15- Oct- 2015	9,714,396	25-Jul- 2017	Encapsys LLC	Issued
US	Controlled Release Microcapsules	14/884694	15- Oct- 2015	9,714,397	25-Jul- 2017	Encapsys LLC	Issued
US	Reversible Microcapsule Filter Cake	14/599014	16- Jan- 2015	9,656,233	23-May- 2017	Encapsys LLC	Issued
US	Activator Means For Pre-Applied Adhesives	14/550984	22- Nov- 2014	9,528,032	27-Dec- 2016	Encapsys LLC	Issued
US	Encapsulation	12/904755	14- Oct- 2010	9,205,395	8-Dec- 2015	Encapsys LLC	Issued
US	Encapsulated Solid Hydrophilic Particles	13/864667	17- Apr- 2013	9,192,908	24-Nov- 2015	Encapsys LLC	Issued
US	Controlled Release Microcapsules	15/629223	21- Jun- 2017	10,308,894	04-Jun- 2019	Encapsys LLC	Issued
US	Controlled Release Microcapsules	15/629286	21- Jun- 2017	20170281986	5-Oct- 2017	Encapsys LLC	Published
US	Controlled Release Dual Walled Microcapsules	15/629111	21- Jun- 2017	20170283736	5-Oct- 2017	Encapsys LLC	Published
US	Controlled Release Dual Walled	15/629066	21- Jun-	10,292,910	21-May- 2019	Encapsys LLC	Issued

Jurisdiction	Title	Serial No.	App. Date	Pub/ Patent No.	Pub/Issue Date	Record Owner	Status
	Microcapsules		2017				
US	Reversible	15/436932	20-	20170189881	6-Jul-	Encapsys	Published
	Microcapsule Filter		Feb-		2017	LLC	
	Cake		2017				
US	Microencapsulation	15/372545	8-	20170165627	15-Jun-	Encapsys	Published
	Process		Dec-		2017	LLC	
			2016				
US	Encapsulation	15/334540	26-	9,937,477	10-Apr-	Encapsys	Issued
			Oct-		2018	LLC	
		1.7.00.700.4	2016	201=00<1015		-	
US	Aqueous	15/225986	2-	20170064945	9-Mar-	Encapsys	Published
	Microcapsule		Sep-		2017	LLC	
116	Slurry	14/004/71	2016	20170107725	21 4	Г	D1-11-11
US	High Strength Microcapsules	14/884671	15- Oct-	20160106635	21-Apr- 2016	Encapsys LLC	Published
	Microcapsules		2015		2016	LLC	
US		62/471999	23-			Encapsys	Expired
03		02/4/1999	Mar-			LLC	Expired
			2017			LLC	
US		62/451387	27-			Encapsys	Expired
		02/131307	Jan-			LLC	Expired
			2017				
US	Benefit Agent	14/787918	29-	10,092,485	09-Oct-	Encapsys	Issued
	Delivery Particle		Oct-		2018	LLC	
			2016				
US	Benefit Agent	14/547896	19-	9,896,649	20-Feb-	Encapsys	Issued
	Delivery		Nov-		2018	LLC	
	Composition with a		2014				
	Low Content of						
	Shell Particles						
US	Paint with	14/307171	17-	9,809,725	07-Nov-	Encapsys	Issued
	Encapsulated Solid		Jun-		2017	LLC	
	Particles		2014				
US	1 1	14/304371	13-	20140370272	18-Dec-	Encapsys	Published
	Solid Particles		Jun-		2014	LLC	
		1.440	2014	10.200.420	10 = 1		
US	Coated Paper	14/136663	20-	10,208,428	19-Feb-	Encapsys	Issued
			Dec-		2019	LLC	
			2013				

Jurisdiction	Title	App. No	App. Date	Patent No.	Issue Date	Record Owner	Status
				INO.			
United States	Adhesives for bonding composites	09/902436	7/10/2001	6602958	8/5/2003	IPS Structural Adhesives, Inc.	Issued
United States	Adhesives for bonding composites	10/634316	8/5/2003	6852801	2/8/2005	IPS Structural Adhesives, Inc.	Issued
United States	Adhesive compositions for bonding and filling large assemblies	11/646664	12/28/06	7795351	9/14/2010	IPS Corporation	Issued
United States	Adhesives for bonding composites	13/611205	9/12/2012	RE46269	1/10/2017	IPS Corporation	Issued
United States	Adhesives for bonding composites	12/056342	3/27/2008	7816453	10/19/2010	IPS Corporation	Issued
United States	Sp lock pipe mounting clamp	09/004976	1/12/98	6073891	6/13/2000	IPS Corporation	Issued
United States	Suspension hanger	09/061707	4/17/98	6152412	11/28/2000	Watertite Products, Inc.	Issued
United States	Pneumatic pipe plug	09/123395	7/15/98	6116286	9/12/2000	Watertite Products, Inc.	Issued
United States	Washer box	09/442714	11/18/99	6129109	10/10/2000	IPS Corporation	Issued
United States	Air vent valve	09/558847	4/27/00	6234198	5/22/2001	Watertite Products, Inc.	Issued
United States	Pipe-covering member having tear-away portions	10/407880	4/4/2003	7032615	4/25/2006	Watertite Products, Inc.	Issued
United States	Closet flange with knockout retainer	10/749729	12/30/200	7055184	6/6/2006	IPS Corporation	Issued

Jurisdiction	Title	App. No	App. Date	Patent	Issue Date	Record Owner	Status
				No.			
United States	Ice maker valve box	11/188990	7/25/2005	7077156	7/18/2006	IPS Corporation	Issued
United States	J-hook hanger assembly	11/208827	8/22/2005	7441729	10/28/2008	IPS Corporation	Issued
United States	Protective metal housing for plastic air admittance valve	10/162374	6/4/2002	6799600	10/5/2004	IPS Corporation	Issued
United States	Plumbing fitting cover cap retention system	10/112844	3/28/2002	6618875	9/16/2003	Watertite Products Inc.	Issued
United States	Plumbing fitting cover cap retention system	10/365749	2/14/2003	6622317	9/23/2003	Watertite Products Inc.	Issued
United States	Plumbing fitting cover cap retention system	10/407593	4/7/2003	7017199	5/28/2006	Watertite Products Inc.	Issued
United States	Fastener for cover member and cover assembly comprised thereof	10/675405	9/30/2003	7264431	9/4/2007	Watertite Products Inc.	Issued
United States	Fastener for cover member and cover assembly comprised thereof	11/395436	3/31/2006	8196612	6/12/2012	Watertite Products Inc.	Issued
United States	Chemical fusion of non-metallic pipe joints	11/089222	3/24/2005	7341285	3/11/2008	IPS, Corporation- Weld-On Division	Issued
United States	Chemical fusion of non-metallic pipe joints	12/045565	3/10/2008	8276636	10/2/2012	IPS, Corporation- Weld-On Division	Issued
United States	Pipe joints	13/286028	10/31/201	8746747	6/10/2014	IPS, Corporation- Weld-On Division	Issued
United States	Chemical fusion of non-metallic pipe joints	13/633698	10/2/2012	9044900	6/2/2015	IPS, Corporation- Weld-On Division	Issued

Jurisdiction	Title	App. No	App. Date	Patent	Issue Date	Record Owner	Status
				No.			
United States	Elastic methacrylate compositions	13/904161	5/29/13	9133373	9/15/2015	IPS Corporation	Issued
United States	Clean-out repair plug	11/876256	10/22/200 7	7464727	12/16/2008	IPS Corporation	Issued
United States	Ice maker valve box	11/188990	7/25/2005	7077156	7/18/2006	IPS Corporation	Issued
United States	Air admittance valve	12/188680	8/8/2008	8136548	3/20/2012	Watertite Products, Inc.	Issued
United States	Pneumatic pressure relief test plug	12/411999	3/26/2009	7597118	10/6/2009	IPS Corporation	Issued
United States	Strainer and insert assembly	13/068741	5/19/11	9091046	7/28/2015	IPS Corporation	Issued
United States	Mechanical clean- out test plug	12/411969	3/26/2009	8042576	10/25/2011	IPS Corporation	Issued
United States	Replacement closet flange	13/238956	9/21/11	9068678	6/30/2015	IPS Corporation	Issued
United States	Adhesive composition for bonding low surface energy polyolefin substrates	13/795478	3/12/13	9018326	4/28/2015	IPS Corporation	Issued
United States	Small round ice box with nail	29/227295	4/8/2005	D536349	2/6/2007	IPS Corporation	Issued
United States	Plug with pressure release valve	13/155383	6/7/11	8256467	9/4/2012	IPS Corporation	Issued
United States	Pentanone-based CPVC adhesives having reduced content of heterocyclic solvents for joining CPVC subs	09/156995	9/18/98	6087421	7/11/00	IPS Corporation	Issued
United States	J-hook extension	29/236765	8/22/2005	D551064	9/18/2007	IPS Corporation	Issued

Jurisdiction	Title	App. No	App. Date	Patent	Issue Date	Record Owner	Status
				No.			
United States	Plumbing outlet box	13/909728	6/4/13			IPS Corporation	Abandone d
United States	Air admittance valve	14/263326	4/28/2014	9683355	6/20/2017	IPS Corporation	Issued
United States	Plumbing outlet box with integrated mounting features	14/154949	1/14/2014	9388555	7/12/2016	IPS Corporation	Issued
United States	Heat and moisture resistant acrylic adhesive composition	14/705260	5/6/2015	9676922	6/13/2017	IPS Corporation	Issued
United States	Low VOC (volatile organic compounds) Dimethyl-2- Piperidone solvent-based PVC and CPVC pipe and component adhesives and primers containing minimal or no Tetrahydrofuran	09/651824	8/30/2000	6372821	4/16/2002	IPS Corporation	Issued
United States	Pipe fitting apparatus and methods	14/858394	9/18/2015			IPS, Corporation - Weld-On Division	Published
United States	Inflow prevention coupler	14/482837	9/10/2014	9488307	11/08/2006	IPS Corporation	Issued
United States	Dual diameter cap with integral and adjustable swab	13/855799	4/3/13	8747004	6/10/2014	IPS Corporation	Issued
United States	Solvent cement for bonding thermoplastic resin articles	14/862751	9/23/15			IPS Corporation	Published

Jurisdiction	Title	App. No	App. Date	Patent	Issue Date	Record Owner	Status
				No.			
United States	Apparatus for mixing and dispensing multiple flowable components	13/643033	11/16/201 2	8899446	12/2/2014	IPS Adhesives LLC	Issued
United States	Plumbing Outlet Box with Integrated Mounting Features	14/536222	11/7/2014	9394674	7/19/2016	IPS Corporation	Issued
United States	Replacement Closet Flange	14/676329	4/1/2015	9422704	8/23/2016	IPS Corporation	Issued
United States	Strainer and Insert Assembly	14/678325	4/3/2015	9371635	6/21/2016	IPS Corporation	Issued
United States	Plumbing Outlet Box with Mounting Features	14/682645	4/9/2015	9518381	12/13/2016	IPS Corporation	Published
United States	Pneumatic Pressure Relief Test Plug	14/743508	6/18/2015	9903489	2/27/2018	IPS Corporation	Issued
United States	Plumbing Outlet Box with Integrated Mounting Features	15/182232	6/14/2016	9650765	5/16/2017	IPS Corporation	Issued
United States	Plumbing Outlet Box with Integrated Mounting Features	15/185595	6/17/2016	9650766	5/16/2017	IPS Corporation	Issued
United States	Overflow Cap And Assembly	15/179355	6/10/2016			IPS Corporation	Pending
United States	Strainer And Insert Assembly	15/159407	5/19/2016	10132066	11/20/2018	IPS Corporation	Issued
United States	Roof block	12/228723	8/15/2008	7731131	6/8/2010	Watertite Products, Inc.	Issued

Jurisdiction	Title	App. No	App. Date	Patent No.	Issue Date	Record Owner	Status
United States	Closing and sealing means for air admittance valves in sanitary waste water pipe systems.	13/203004	8/24/2011	8567434	10/29/2013	Watertite Products, Inc.	Issued
United States	Water trap for sanitary appliances.	11/722792	8/13/2007	7908685	3/22/2011	Watertite Products, Inc.	Issued
United States	A positive air pressure water trap for sanitary appliances.	10/488520	8/16/2004	7025092	4/11/2006	Watertite Products, Inc.	Issued

#92196959v4 PATENT RECORDED: 07/01/2019 REEL: 049891 FRAME: 0823