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| PATENT ASSIGNMENT COVER SHEET |
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Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT4688859

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| SUBMISSION TYPE: | NEW ASSIGNMENT |
| NATURE OF CONVEYANCE: | FIRST LIEN SECURITY AGREEMENT |

CONVEYING PARTY DATA

| Name | Execution Date |
|--------------------------------|----------------|
| ENCAPSYS, LLC | 11/07/2017 |
| IPS STRUCTURAL ADHESIVES, INC. | 11/07/2017 |
| IPS CORPORATION | 11/07/2017 |
| WATERTITE PRODUCTS, INC. | 11/07/2017 |
| WELD-ON ADHESIVES, INC. | 11/07/2017 |
| IPS ADHESIVES LLC | 11/07/2017 |

RECEIVING PARTY DATA

| | |
|------------------------|---|
| Name: | CREDIT SUISSE AG, CAYMAN ISLANDS BRANCH, AS FIRST LIEN COLLATERAL AGENT |
| Street Address: | ELEVEN MADISON AVENUE |
| City: | NEW YORK |
| State/Country: | NEW YORK |
| Postal Code: | 10010 |

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

| Property Type | Number |
|----------------|---------|
| 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 Number: | 9205395 |
| Patent Number: | 9192908 |
| 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: | 7441729 |
| Patent Number: | 6799600 |
| Patent Number: | 6618875 |
| Patent Number: | 6622317 |
| Patent Number: | 7017199 |
| Patent Number: | 7264431 |

| Property Type | Number |
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| Patent Number: | 8196612 |
| Patent Number: | 7341285 |
| Patent Number: | 8276636 |
| Patent Number: | 8746747 |
| Patent Number: | 9044900 |
| Patent Number: | 9133373 |
| Patent Number: | 7464727 |
| Patent Number: | 7077156 |
| Patent Number: | 8136548 |
| Patent Number: | 7597118 |
| Patent Number: | 9091046 |
| 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: | 9650765 |
| Patent Number: | 9650766 |
| Patent Number: | 7731131 |
| Patent Number: | 8567434 |
| Patent Number: | 7908685 |
| Patent Number: | 7025092 |
| Application Number: | 15629223 |
| Application Number: | 15629286 |
| Application Number: | 15629111 |

| Property Type | Number |
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| Application Number: | 15629066 |
| Application Number: | 15436932 |
| Application Number: | 15372545 |
| Application Number: | 15334540 |
| Application Number: | 15225986 |
| Application Number: | 14884671 |
| Application Number: | 62471999 |
| Application Number: | 62451387 |
| Application Number: | 14787918 |
| Application Number: | 14547896 |
| Application Number: | 14307171 |
| Application Number: | 14304371 |
| Application Number: | 14136663 |
| Application Number: | 13909728 |
| Application Number: | 14858394 |
| Application Number: | 14862751 |
| Application Number: | 14743508 |
| Application Number: | 15179355 |
| Application Number: | 15159407 |

CORRESPONDENCE DATA

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Address Line 2: COGENCY GLOBAL INC.
Address Line 4: WASHINGTON, D.C. 20005

| | |
|--------------------------------|--------------------------|
| ATTORNEY DOCKET NUMBER: | F173778 ENCORE 1L PATENT |
| NAME OF SUBMITTER: | SONYA JACKMAN |
| SIGNATURE: | /Sonya Jackman/ |
| DATE SIGNED: | 11/14/2017 |

Total Attachments: 13
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SHORT FORM FIRST LIEN
PATENT SECURITY AGREEMENT

This FIRST LIEN PATENT SECURITY AGREEMENT (as amended, restated, amended and restated, supplemented or otherwise modified from time to time, the "Patent Security Agreement") dated November 7, 2017, is made by the Persons listed on the signature pages hereof (collectively, the "Grantors") in favor of CREDIT SUISSE AG, CAYMAN ISLANDS BRANCH ("CS") as Collateral Agent (the "First Lien Collateral Agent") for the Secured Parties. Capitalized terms used herein and not otherwise defined herein shall have the meanings assigned to such terms in the Credit Agreement and the Security Agreement referred to therein.

WHEREAS, CPG MERGER LLC, a Delaware limited liability company, as the initial parent guarantor thereunder, whose rights and obligations therein were assigned to and assumed by IPS ACQUISITION, LLC, a Delaware limited liability company, the entities listed on the signature pages thereto as Borrowers, CPG TRANSACTION, LLC as Holdings, CS, as Administrative Agent and Collateral Agent, each Lender from time to time party thereto (collectively, the "Lenders" and individually, a "Lender") and each other party thereto have entered into the First Lien Credit Agreement dated as of November 7, 2017 (the "Closing Date") (as amended, restated, amended and restated, extended, supplemented or otherwise modified from time to time, the "Credit Agreement"), pursuant to which the Lenders have severally agreed to make Loans, the L/C Issuers to issue Letters of Credit, the Hedge Banks to enter into Secured Hedge Agreements and the Cash Management Banks to enter into agreements in respect of Cash Management Obligations upon the terms and subject to the conditions therein.

WHEREAS, in connection with the Credit Agreement, the Grantors have entered into the First Lien Security Agreement dated as of the Closing Date (as amended, restated, amended and restated, supplemented or otherwise modified from time to time, the "Security Agreement") in order to induce the Lenders to make Loans, the L/C Issuers to issue Letters of Credit, the Hedge Banks to enter into Secured Hedge Agreements and the Cash Management Banks to enter into agreements in respect of the Cash Management Obligations.

WHEREAS, under the terms of the Security Agreement, the Grantors have granted to the First Lien Collateral Agent, for the benefit of the Secured Parties, a security interest in, among other property, certain Intellectual Property of the Grantors, and have agreed as a condition thereof to execute this Patent Security Agreement for recording with the United States Patent and Trademark Office.

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

SECTION 1. Grant of Security. Each Grantor hereby grants to the First Lien Collateral Agent for the benefit of the Secured Parties a security interest in all of such Grantor's right, title and interest in and to the following (the "First Lien Collateral"):

- (a) all issued and pending Patents (as defined in the Security Agreement) in the United States Patent and Trademark Office, including those set forth in Schedule A hereto.

SECTION 2. Security for Obligations. The grant of a security interest in the First Lien Collateral by each Grantor under this Patent Security Agreement secures the payment of all Obligations of such Grantor now or hereafter existing under or in respect of the Loan Documents, whether direct or indirect,

absolute or contingent, and whether for principal, reimbursement obligations, interest, premiums, penalties, fees, indemnifications, contract causes of action, costs, expenses or otherwise. Without limiting the generality of the foregoing, this Patent Security Agreement secures, as to each Grantor, the payment of all amounts that constitute part of the secured Obligations and that would be owed by such Grantor to any Secured Party under the Loan Documents but for the fact that such secured Obligations are unenforceable or not allowable due to the existence of a bankruptcy, reorganization or similar proceeding involving a Loan Party.

SECTION 3. Recordation. This Patent Security Agreement has been executed and delivered by the Grantors for the purpose of recording the grant of security interest herein with the United States Patent and Trademark Office. Each Grantor authorizes and requests that the Commissioner for Patents and the Commissioner for Trademarks record this Patent Security Agreement.

SECTION 4. Execution in Counterparts. This Patent Security Agreement may be executed in any number of counterparts, each of which when so executed shall be deemed to be an original and all of which taken together shall constitute one and the same agreement.

SECTION 5. Grants, Rights and Remedies. This Patent Security Agreement has been entered into in conjunction with the provisions of the Security Agreement. Each Grantor does hereby acknowledge and confirm that the grant of the security interest hereunder to, and the rights and remedies of, the First Lien Collateral Agent with respect to the First Lien Collateral are more fully set forth in the Security Agreement, the terms and provisions of which are incorporated herein by reference as if fully set forth herein. In the event of any conflict between the terms of this Patent Security Agreement and the terms of the Security Agreement, the terms of the Security Agreement shall govern.

SECTION 6. Governing Law. This Patent Security Agreement shall be governed by, and construed in accordance with, the laws of the State of New York.

SECTION 7. Severability. In case any one or more of the provisions contained in this Patent Security Agreement should be held invalid, illegal or unenforceable in any respect, the validity, legality and enforceability of the remaining provisions contained herein and in the Security Agreement shall not in any way be affected or impaired thereby (it being understood that the invalidity of a particular provision in a particular jurisdiction shall not in and of itself affect the validity of such provision in any other jurisdiction). The parties hereto shall endeavor in good-faith negotiations to replace the invalid, illegal or unenforceable provisions with valid provisions the economic effect of which comes as close as possible to that of the invalid, illegal or unenforceable provisions.

[Signature Pages Follow]

IN WITNESS WHEREOF, each Grantor has caused this Patent Security Agreement to be duly executed and delivered by its officer thereunto duly authorized as of the date first above written.

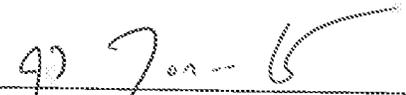
ENCAPSYS, LLC
as an Initial Guarantor

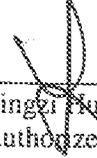
By: _____
Name: Jeffrey Fletcher
Title: Chief Financial Officer

IPS STRUCTURAL ADHESIVES, INC.
IPS CORPORATION
WATERTITE PRODUCTS, INC.
WELD-ON ADHESIVES, INC.
IPS ADHESIVES LLC
each, as an Initial Guarantor

By:  _____
Name: William Barton
Title: Chief Financial Officer, Secretary and Treasurer

CREDIT SUISSE AG, CAYMAN ISLANDS BRANCH,
as First Lien Collateral Agent

By: 
Name: John Toronjo
Title: Authorized Signatory

By: 
Name: Lingzi Huang
Title: Authorized Signatory

SCHEDULE A

United States Patents and Patent Applications

| 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 process | 11/436,317 | 18-May-2006 | 7,736,695 | 15-Jun-2010 | Encapsys LLC | Issued |
| US | Water-in-oil capsule manufacture process and microcapsules produced by such process | 12/855,733 | 13-Aug-2010 | 7,985,445 | 26-Jul-2011 | Encapsys LLC | Issued |
| US | Encapsulated cure systems | 11/216,516 | 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 |

| Jurisdiction | Title | Serial No. | App. Date | Pub/ Patent No. | Pub/Issue Date | Record Owner | Status |
|--------------|--|------------|-------------|-----------------|----------------|--------------|-----------|
| 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 | 12/384,685 | 08-Apr-2009 | 8,067,355 | 29-Nov-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-2009 | 8,974,547 | 10-Mar-2015 | Encapsys LLC | Issued |
| US | Agriculture actives delivery composition comprising boron and persulfate ion-crosslinked polyvinyl alcohol microcapsules and method of use thereof | 12/587,669 | 09-Oct-2009 | 8,242,056 | 14-Aug-2012 | Encapsys LLC | Issued |
| US | Cationic microcapsule particles | 12/382,946 | 27-Mar-2009 | 8,067,089 | 29-Nov-2011 | Encapsys LLC | Issued |
| US | Encapsulated solid hydrophilic particles | 12/754,900 | 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 | 20170281985 | 5-Oct-2017 | Encapsys LLC | Published |
| 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 Microcapsules | 15/629066 | 21-Jun-2017 | 20170283735 | 5-Oct-2017 | Encapsys LLC | Published |

| Jurisdiction | Title | Serial No. | App. Date | Pub/ Patent No. | Pub/Issue Date | Record Owner | Status |
|--------------|--|------------|-------------|-----------------|----------------|--------------|-----------|
| US | Reversible Microcapsule Filter Cake | 15/436932 | 20-Feb-2017 | 20170189881 | 6-Jul-2017 | Encapsys LLC | Published |
| US | Microencapsulation Process | 15/372545 | 8-Dec-2016 | 20170165627 | 15-Jun-2017 | Encapsys LLC | Published |
| US | Encapsulation | 15/334540 | 26-Oct-2016 | 20170113200 | 27-Apr-2017 | Encapsys LLC | Published |
| US | Aqueous Microcapsule Slurry | 15/225986 | 2-Sep-2016 | 20170064945 | 9-Mar-2017 | Encapsys LLC | Published |
| US | High Strength Microcapsules | 14/884671 | 15-Oct-2015 | 20160106635 | 21-Apr-2016 | Encapsys LLC | Published |
| US | | 62/471999 | 23-Mar-2017 | | | Encapsys LLC | Pending |
| US | | 62/451387 | 27-Jan-2017 | | | Encapsys LLC | Pending |
| US | Benefit Agent Delivery Particle | 14/787918 | 29-Oct-2016 | 20160058678 | 03-Mar-2016 | Encapsys LLC | Published |
| US | Benefit Agent Delivery Composition with a Low Content of Shell Particles | 14/547896 | 19-Nov-2014 | 20150080285 | 19-Mar-2015 | Encapsys LLC | Published |
| US | Paint with Encapsulated Solid Particles | 14/307171 | 17-Jun-2014 | 20140371343 | 18-Dec-2014 | Encapsys LLC | Published |
| US | Encapsulation of Solid Particles | 14/304371 | 13-Jun-2014 | 20140370272 | 18-Dec-2014 | Encapsys LLC | Published |
| US | Coated Paper | 14/136663 | 20-Dec-2013 | 20140370271 | 18-Dec-2014 | Encapsys LLC | Published |

| Jurisdiction | Title | App. No | App. Date | Patent No. | Issue Date | Record Owner | Status |
|---------------|--|-----------|-----------|------------|------------|--------------------------------|--------|
| 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 |

| Jurisdiction | Title | App. No | App. Date | Patent No. | Issue Date | Record Owner | Status |
|---------------|--|-----------|------------|------------|------------|--------------------------|--------|
| 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 | 12/30/2003 | 7055184 | 6/6/2006 | IPS Corporation | Issued |
| 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 |

| Jurisdiction | Title | App. No | App. Date | Patent No. | Issue Date | Record Owner | Status |
|---------------|---|-----------|------------|------------|------------|-----------------------------------|--------|
| 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 | 10/31/2011 | 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 |
| 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 | 10/22/2007 | 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 |

| Jurisdiction | Title | App. No | App. Date | Patent No. | Issue Date | Record Owner | Status |
|---------------|---|-----------|-----------|------------|------------|-------------------------------------|-----------|
| 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 |
| United States | Plumbing outlet box | 13/909728 | 6/4/13 | | | IPS Corporation | Published |
| 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 |

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|---------------|---|-----------|------------|------------|------------|--------------------------|-----------|
| United States | Solvent cement for bonding thermoplastic resin articles | 14/862751 | 9/23/15 | | | IPS Corporation | Published |
| United States | Apparatus for mixing and dispensing multiple flowable components | 13/643033 | 11/16/2012 | 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 | None | | IPS Corporation | Published |
| 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 | | 15/179355 | 6/10/2016 | | | IPS Corporation | Pending |
| United States | | 15/159407 | 5/19/2016 | | | IPS Corporation | Pending |
| United States | Roof block | 12/228723 | 8/15/2008 | 7731131 | 6/8/2010 | Watertite Products, Inc. | Issued |
| 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 |

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|---------------|---|-----------|-----------|------------|------------|--------------------------|--------|
| United States | A positive air pressure water trap for sanitary appliances. | 10/488520 | 8/16/2004 | 7025092 | 4/11/2006 | Watertite Products, Inc. | Issued |