

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
	Name	Execution Date
	AS IP HOLDCO, LLC	05/30/2019
RECEIVING PARTY DATA		
Name:	AS AMERICA, INC.	
Street Address:	30 KNIGHTSBRIDGE ROAD	
City:	PISCATAWAY	
State/Country:	NEW JERSEY	
Postal Code:	08854	
PROPERTY NUMBERS Total: 1		
Property Type	Number	
Application Number:	17308129	
CORRESPONDENCE DATA		
Fax Number:		
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>		
Phone:	7324125889	
Email:	patents@lixil.com	
Correspondent Name:	AS AMERICA, INC.	
Address Line 1:	30 KNIGHTSBRIDGE ROAD	
Address Line 4:	PISCATAWAY, NEW JERSEY 08854	
ATTORNEY DOCKET NUMBER:	PH3031US03	
NAME OF SUBMITTER:	TYLER A. STEVENSON	
SIGNATURE:	/TYLER A. STEVENSON/	
DATE SIGNED:	05/05/2021	
Total Attachments: 8		
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ASSIGNMENT

THIS ASSIGNMENT by AS IP HOLDCO, LLC, having its principal place of business at One Centennial Avenue, Piscataway, NJ 08854 (hereinafter referred to as Assignor);

WHEREAS, Assignor is the owner of the patents and patent applications listed on the attached Schedule A; and

WHEREAS, AS AMERICA, INC., having its principal place of business at One Centennial Avenue, Piscataway, NJ 08854 (hereinafter referred to as Assignee), is desirous of acquiring the entire right, title and interest in and to said inventions and said applications for Letters Patent, and in and to any Letters Patent of the United States and all foreign countries to be obtained therefore and therefrom.

NOW, THEREFORE, in consideration of One Dollar (\$1.00) and other good and sufficient consideration, the receipt of which is acknowledged, Assignor have sold, assigned, transferred and set over, and by these presents do sell, assign, transfer and set over, unto Assignee, its successors, legal representatives and assigns, the entire right, title and interest in and to the above-mentioned inventions, discoveries, and application for Letters Patent, and in and to any and all provisional rights or applications, direct or indirect divisions, continuations and continuations-in-part of said application, and any application claiming priority to said application, and any and all Letters Patent in the United States and all foreign countries which may be granted for said invention or application, and reissues, reexaminations and extensions of said Letters Patent, and in and to any and all priority rights, Convention rights including under the International Convention for the Protection of Industrial Property, and the right to recover for past infringement, and other benefits accruing or to accrue with respect to the applications for patents or patents secured in the United States and other countries, the same to be held and enjoyed by Assignee, for its own use and benefit and the use and benefit of its successors, legal representatives and assigns.

AND for the same consideration, Assignor represent and warrant to Assignee, its successors, legal representatives and assigns, that, at the time of execution and delivery of these presents, except for any rights, titles and/or interests that have arisen to Assignee under law or that have already been transferred to Assignee, Assignor are the sole and lawful owners of the entire right, title and interest in and to the said invention, and said application for Letters Patent and/or said applications above-mentioned, and that the same are unencumbered and that Assignor have good and full right and lawful authority to sell and convey the same in the manner set forth in this Assignment.

AND for the same consideration, Assignor covenant and agree to and with Assignee, its successors, legal representatives and assigns, that Assignor will sign all papers and documents, take all lawful oaths and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of any Letters Patent and application for said invention, without charge to Assignee, its successors, legal representatives and assigns, whenever counsel of Assignee, or counsel of its successors, legal representatives and assigns, shall advise: that any proceeding in connection with said inventions or discoveries, or said application(s), or any proceeding in connection with any Letters Patent or applications for Letters Patent for said invention or discoveries in any country, including but not limited to interference proceedings, is lawful and desirable; or, that any provisional, conventional, division, continuation or continuation-in-part of any application for Letters Patent and any application claiming priority to said applications, or any reissue, reexamination or extension of any Letters Patent, to be obtained thereon, is lawful and desirable.

AND Assignor request the Commissioner of Patent and Trademarks to issue said Letters Patent of the United States to Assignee, as Assignee of said inventions or discoveries and the Letters Patent to be issued thereon, for the sole use and benefit of Assignee, its successors, legal representatives and assigns.

AND Assignor grant their legal representative, at present the following individuals, the power to insert on, update or otherwise amend this Assignment with any further

identification necessary or desirable to comply with the rules of the United States Patent and Trademark Office or any foreign country, and to record the document:

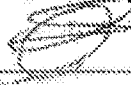
All practitioners at Customer Number **144427**

AND Assignor acknowledge an obligation of assignment of this invention to Assignee.

EXECUTED this 30th day of May, 2019.

ASSIGNOR:

AS IP HOLDCO, LLC

Signature:  _____

Name: **Anna-lisa Gallo**

Title: **Assistant Secretary**

Date: **May 30, 2019**

Accepted and Agreed to:

ASSIGNEE:

AS AMERICA, INC

Signature:  _____

Name: **Anna-lisa Gallo**

Title: **Assistant Secretary**

Date: **May 30, 2019**

SCHEDULE A

Assigned Patents and Patent Applications

Docket No.	Country	Application No.	Application Date	Registration No.	Registration Date	Title
PH2881US (31224.392241(3))	US	12/392931	2/25/2009	8316475	11/27/2012	HIGH PERFORMANCE TOILET CAPABLE OF OPERATION AT REDUCED FLUSH VOLUMES
PH2882US	US	12/419277	4/6/2009	8266733	9/18/2012	TOILET FLUSH VALVE
PH2886US (31224.392241(50))	US	12/547458	8/25/2009	8438670	05/14/2013	HIGH PERFORMANCE SIPHONIC TOILET CAPABLE OF OPERATION AT MULTIPLE FLUSH VOLUMES
PH2917US (31224.392241(31))	US	13/009841	1/19/2011	9169629	10/27/2015	KITS, ASSEMBLIES AND METHODS FOR NO-TOOLS TOILET INSTALLATION
PH2881CIP.US (31224.392241(7))	US	13/182422	7/13/2011	9487941	11/8/2016	HIGH PERFORMANCE TOILETS CAPABLE OF OPERATION AT REDUCED FLUSH VOLUMES
PH2948US (31224.392241(21))	US	13/366241	2/3/2012	9353512	8/9/2012	HIGH PERFORMANCE TOILET WITH RIM-JET CONTROL CAPABLE OF ENHANCED OPERATION AT REDUCED FLUSH VOLUMES
PH2983US (31224.414927)	US	14/038748	9/27/2013	10221553	3/5/2019	TOILET FLUSH VALVE ASSEMBLIES

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Docket No.	Country	Application No.	Application Date	Registration No.	Registration Date	Title
PH2975A	US	29/471014	10/28/2013	D713018	9/9/2014	TOILET
PH2975B	US	29/471015	10/28/2013	D717412	11/11/2014	TOILET
PH2975C	US	29/471016	10/28/2013	D712529	9/2/2014	TRAP ELEMENT OF TOILET BASE
PH2900US (31224.392241(24))	US	14/164187	1/25/2014	9289103	3/22/2016	EASY-INSTALL TOILET SEAT
PH2990US (31224.414888)	US	14/183290	2/18/2014	9915059	3/13/2018	OVERFLOW VENT SCOOP FOR FLUSH VALVE
PH2992US	US	14/252960	4/15/2014	9708805	7/18/2017	PERIODIC HEAVY FLUSH VALVE CONTROL DEVICE, METHOD AND SYSTEM
PH2993US (31224.414506)	US	14/332198	7/15/2014	9783975	10/10/2017	SELF- CLEANING TOILET ASSEMBLY AND SYSTEM
PH2993US2 (31224.414795)	US	14/332209	7/15/2014			SELF- CLEANING TOILET ASSEMBLY AND SYSTEM
PH3000US (31224.414923)	US	14/522413	10/23/2014	9732507	8/15/2017	WALL-HUNG TOILET WITH IMPROVED LOAD- BEARING CAPACITY
PH2982US (31224.409599)	US	14/619989	2/11/2015	10145097	12/4/2018	PRIMED SIPHONIC FLUSH TOILET
PH3014US (31224.425258)	US	14/723003	5/27/2015	10294643	5/21/2019	SANITARYWAR E CLEANING SYSTEM
PH2982CIP.US (31224.409598)	US	14/853984	9/14/2015	10246863	4/2/2019	PRIMED JET TOILET
PH2917US2 (31224.414724)	US	14/869404	9/29/2015	10077549	9/18/2018	KITS, ASSEMBLIES

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Docket No.	Country	Application No.	Application Date	Registration No.	Registration Date	Title
						AND METHODS FOR NO-TOOLS TOILET INSTALLATION
PH2993CIP.US (31224.414792)	US	15/289880	10/10/2016			SELF-CLEANING TOILET ASSEMBLY AND SYSTEM
PH3061D.US (31224.417233)	US	29/590271	1/9/2017	D811563	2/27/2018	TOILET
PH4004D.US (31224.417235)	US	29/590273	1/9/2017	D848588	05/14/2019	TOILET
PH3014CIP.US (31224.425270)	US	15/415502	1/25/2017			SANITARYWARE CLEANING SYSTEM
PH3031US (31224.418391)	US	15/643086	7/6/2017			SYSTEM TO AUTOMATE ADJUSTMENT OF WATER VOLUME RELEASE TO A TOILET BOWL TO CORRESPOND TO BOWL CONTENTS, TOILETS INCLUDING THE SYSTEM AND RELATED METHODS
PH3000CON.US (31224.418396)	US	15/646513	7/11/2017			WALL-HUNG TOILET WITH IMPROVED LOAD-BEARING CAPACITY
PH2993CON.US (31224.418102)	US	15/698243	9/7/2017			SELF-CLEANING TOILET ASSEMBLY AND SYSTEM
PH4019D (31224.423385)	US	29/629079	12/11/2017			DUAL FLUSH TRIP LEVER
PH4046D.US (31224.422895)	US	29/629331	12/12/2017			FLUSH VALVE

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Docket No.	Country	Application No.	Application Date	Registration No.	Registration Date	Title
PH4041D2 (31224.423597)	US	29/629325	12/12/2017	D847959	5/7/2019	TOILET
PH4048D.US (31224.423287)	US	29/629526	12/13/2017	D844762	4/2/2019	BIDET SEAT
PH4049D.US (31224.423286)	US	29/630375	12/20/2017			BIDET
PH3014CIP.PCT (31224.425574)	PCT	PCT/US201 8/015297	1/25/2018			SANITARYWAR E CLEANING SYSTEM
PH2990US2 (31224.418299)	US	15/892220	2/8/2018			OVERFLOW VENT SCOOP FOR FLUSH VALVE
PH3010P (31224.426060)	US	62/691293	6/28/2018			SIPHON FLUSH VALVE, SYSTEM AND METHOD FOR TOILETS
PH4059P (31224.426808)	US	62/691283	6/28/2018			ELECTRONIC FLUSH BY WIRE
PH3031P2 (31224.432583)	US	62/714299	8/3/2018			CONNECTED SANITARYWAR E SYSTEMS AND METHODS
PH4063P (31224.432284)	US	62/764770	8/16/2018			AUTOMATIC ANGLE STOP SYSTEM AND METHOD
PH4066D (31224.433568)	US	29/651450	8/16/2018			URINAL
PH4046P (31224.432287)	US	62/719246	8/17/2018			FLUSH VALVE
PH3014CIP.D (31224.426611)	US	29/661476	8/28/2018			CARTRIDGE
PH4057P (31224.426068)	US	62/725640	8/31/2018			TRAP CONNECTION
PH4057P2 (31224.435896)	US	62/730862	9/13/2018			TRAP CONNECTION
PH4065P (31224.433360)	US	62/738719	9/28/2018			PRESSURIZED TOILET AND METHOD
PH2983CON (31224.436331)	US	16/146896	9/28/2018			TOILET FLUSH VALVE ASSEMBLIES
PH3054PCT (31224.488972)	PCT	PCT/US201 8/065172	12/12/2018			TOILET BOWL CLEANING

SCHEDULE A**Assigned Patents and Patent Applications**

Docket No.	Country	Application No.	Application Date	Registration No.	Registration Date	Title
						SEAT
PH4043PCT (31224.488971)	PCT	PCT/US2018/066600	12/19/2018			WATER INLET SEAT POST
PH4057P3 (31224.436014)	US	62/795491	1/22/2019			TRAP CONNECTION
PH3000D (31224.451619)	US	29/685702	3/29/2019			WALL-HUNG TOILET