

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT3961209

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	NOTICE OF GRANT OF SECURITY INTEREST IN PATENTS	
CONVEYING PARTY DATA		
Name		Execution Date
SPX FLOW, INC.		07/11/2016
RECEIVING PARTY DATA		
Name:	BANK OF AMERICA, N.A., AS ADMINISTRATIVE AGENT	
Street Address:	555 CALIFORNIA STREET, 4TH FLOOR	
City:	SAN FRANCISCO	
State/Country:	CALIFORNIA	
Postal Code:	94104	
PROPERTY NUMBERS Total: 104		
Property Type	Number	
Patent Number:	9328837	
Patent Number:	9327256	
Patent Number:	9289733	
Patent Number:	9206688	
Patent Number:	9193046	
Patent Number:	9101887	
Patent Number:	8998172	
Patent Number:	8979507	
Patent Number:	8733737	
Patent Number:	8500418	
Patent Number:	8469341	
Patent Number:	8333329	
Patent Number:	8327881	
Patent Number:	8192173	
Patent Number:	8007264	
Patent Number:	7950910	
Patent Number:	7874719	
Patent Number:	7793418	
Patent Number:	7753215	
Patent Number:	7726946	

PATENT

Property Type	Number
Patent Number:	7647666
Patent Number:	7572112
Patent Number:	7563087
Patent Number:	7550120
Patent Number:	7547135
Patent Number:	7507028
Patent Number:	7488137
Patent Number:	7481573
Patent Number:	7473025
Patent Number:	7407322
Patent Number:	7387431
Patent Number:	7384551
Patent Number:	7331704
Patent Number:	7329065
Patent Number:	7328809
Patent Number:	7316177
Patent Number:	7303000
Patent Number:	7284563
Patent Number:	7278799
Patent Number:	7234488
Patent Number:	7195034
Patent Number:	7168849
Patent Number:	7168848
Patent Number:	7168641
Patent Number:	7114844
Patent Number:	7056095
Patent Number:	D520522
Patent Number:	D520203
Patent Number:	D518069
Patent Number:	D517090
Patent Number:	D516087
Patent Number:	7001063
Patent Number:	D515760
Patent Number:	6994351
Patent Number:	6986507
Patent Number:	6966757
Patent Number:	D509225
Patent Number:	D509226

Property Type	Number
Patent Number:	D508920
Patent Number:	6896246
Patent Number:	6877750
Patent Number:	6860474
Patent Number:	6796770
Patent Number:	6796707
Patent Number:	6789314
Patent Number:	6746147
Patent Number:	6742923
Patent Number:	6619568
Patent Number:	6612444
Patent Number:	6517246
Patent Number:	6517233
Patent Number:	6164622
Patent Number:	6161584
Patent Number:	6158722
Patent Number:	6120260
Patent Number:	6079957
Patent Number:	6022135
Patent Number:	6019357
Patent Number:	5988604
Patent Number:	5925293
Patent Number:	5779359
Application Number:	14821985
Application Number:	14805148
Application Number:	14805073
Application Number:	14716755
Application Number:	14643940
Application Number:	14505152
Application Number:	14338102
Application Number:	14331824
Application Number:	14331806
Application Number:	14313541
Application Number:	14250615
Application Number:	13938652
Application Number:	13909755
Application Number:	13909644
Application Number:	13680846

Property Type	Number
Application Number:	13650697
Application Number:	13624388
Application Number:	13615855
Application Number:	13460526
Application Number:	15182070
Application Number:	15176865
Application Number:	15165188
Application Number:	15164349

CORRESPONDENCE DATA

Fax Number: (919)286-8199

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

Phone: 919 286-8000

Email: PTO_TMconfirmation@mvalaw.com

Correspondent Name: MOORE & VAN ALLEN PLLC

Address Line 1: 3015 CARRINGTON MILL BOULEVARD

Address Line 2: SUITE 400

Address Line 4: MORRISVILLE, NORTH CAROLINA 27560

ATTORNEY DOCKET NUMBER: 017625.4307

NAME OF SUBMITTER: JOHN E. SLAUGHTER, III.

SIGNATURE: /jes/

DATE SIGNED: 07/12/2016

Total Attachments: 7

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NOTICE OF GRANT OF SECURITY INTEREST IN PATENTS

United States Patent and Trademark Office

Ladies and Gentlemen:

Please be advised that pursuant to the Security Agreement dated as of July 11, 2016 (as the same may be amended, modified, restated or supplemented from time to time, the "Security Agreement") by and among the Grantors from time to time party thereto (each an "Grantor" and collectively, the "Grantors") and Bank of America, N.A., as Administrative Agent (the "Administrative Agent") for the Secured Parties referenced therein, the undersigned Grantor has granted a continuing security interest in and a right to set off against the patents and patent applications shown on Schedule 1 to the Administrative Agent for the ratable benefit of the Secured Parties.

The undersigned Grantor and the Administrative Agent, on behalf of the Secured Parties, hereby acknowledge and agree that the security interest in the foregoing patents and patent applications (i) may only be terminated in accordance with the terms of the Security Agreement and (ii) is not to be construed as an assignment of any patent or patent application.

Very truly yours,

SPX FLOW, INC.,
a Delaware corporation

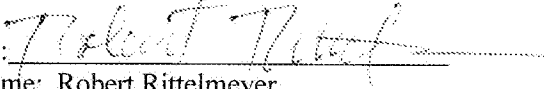
By: 

Name: Stephen A. Tsoris

Title: Vice President and Secretary

Acknowledged and Accepted:

BANK OF AMERICA, N.A.,
as Administrative Agent

By: 
Name: Robert Rittelmeyer
Title: Vice President

Schedule 1

SPX FLOW, Inc.
(Delaware Corporation)

U.S. Patents

Issued Patents

Title	Patent No.	Issue Date
DOUBLE SEAT VALVE WITH ISOLATED VENT CHAMBERS	9328837	05/03/16
IMPELLER ASSEMBLY APPARATUS AND METHOD	9327256	05/03/16
MIXING APPARATUS WITH STATIONARY SHAFT	9289733	03/22/16
HIGH TORQUE ROTARY MOTOR WITH MULTI-LOBED RING WITH INLET AND OUTLET	9206688	12/08/15
AUTO CYCLE PUMP AND METHOD OF OPERATION	9193046	11/24/15
MIXER ATTACHMENT ASSEMBLY APPARATUS AND METHOD	9101887	08/11/15
BALL VALVE SEAT SEAL	8998172	04/07/15
INTERNALLY DIRECTED AIR JET COOLING FOR A HYDRAULIC PUMP	8979507	03/17/15
NOSE SEAL FOR SURGE RELIEF VALVES	8733737	05/27/14
INTERNALLY SUPPLIED AIR JET COOLING FOR A HYDRAULIC PUMP	8500418	08/06/13
DESUPERHEATER SEAT-RING APPARATUS	8469341	06/25/13
ATOMIZING DESUPERHEATER SHUTOFF APPARATUS AND METHOD	8333329	12/18/12
DOUBLE SEAT VALVE APPARATUS	8327881	12/11/12
PRESSURE COMPENSATED AND CONSTANT HORSEPOWER PUMP	8192173	06/05/12
POSITIVE DISPLACEMENT PUMP APPARATUS AND METHOD	8007264	08/30/11
PISTON CARTRIDGE	7950910	05/31/11
MOUNTING ASSEMBLY AND METHOD FOR A DRIVE SYSTEM FOR A MIXER	7874719	01/25/11
MOUNTING SYSTEM AND METHOD FOR SCRAPED SURFACE HEAT EXCHANGER BLADES	7793418	09/14/10
SOLVENT EXTRACTION METHOD AND APPARATUS	7753215	07/13/10
SANITARY REMOVABLE IMPELLER HUB AND METHOD	7726946	06/01/10
SCRAPER BLADE INTERLOCKING ATTACHMENT APPARATUS AND METHOD	7647666	01/19/10
MIXER DRIVE MOUNTING APPARATUS AND METHOD	7572112	08/11/09
PUMP ROTOR SEAL APPARATUS AND METHOD	7563087	07/21/09
CYLINDRICAL MIXER-SETTLER APPARATUS AND METHOD	7550120	06/23/09
DISPOSABLE SANITARY MIXING APPARATUS AND METHOD	7547135	06/16/09

BEARING RETAINER ASSEMBLY AND METHOD	7507028	03/24/09
SANITARY HUB ASSEMBLY AND METHOD FOR IMPELLER MOUNTING ON SHAFT	7488137	02/10/09
MIXING IMPELLER WITH PRE-SHAPED TIP ELEMENTS	7481573	01/27/09
MIXING IMPELLER WITH SPIRAL LEADING EDGE	7473025	01/06/09
TRIPOD-MOUNTED MAGNETIC MIXER APPARATUS AND METHOD	7407322	08/05/08
SANITARY STEADY BEARING AND METHOD	7387431	06/17/08
TRAPEZOID SETTLER APPARATUS AND METHOD FOR SOLVENT EXTRACTION	7384551	06/10/08
START-UP METHOD FOR DRAFT TUBE MIXING	7331704	02/19/08
COUPLING ASSEMBLY AND METHOD FOR CONNECTING AND DISCONNECTING A SHAFT ASSEMBLY	7329065	02/12/08
SOLVENT EXTRACTION METHOD AND APPARATUS	7328809	02/12/08
HYDRAULIC HAND PUMP WITH LOCKING DEVICE	7316177	01/08/08
MOUNTING SYSTEM AND METHOD FOR SCRAPED SURFACE HEAT EXCHANGER BLADES	7303000	12/04/07
SURGE RELIEF APPARATUS AND METHOD	7284563	10/23/07
HUB ASSEMBLY AND METHOD FOR ADJUSTABLE MOUNTING ON SHAFT	7278799	10/09/07
VALVE ASSEMBLY AND METHOD WITH SLOTTED PLATES AND SPHERICAL BALL PLUG	7234488	06/26/07
FLUID TRIM APPARATUS AND METHOD	7195034	03/27/07
AGITATION APPARATUS AND METHOD FOR DRY SOLIDS ADDITION TO FLUID	7168849	01/30/07
AXIAL-PUMPING IMPELLER APPARATUS AND METHOD FOR MAGNETICALLY-COUPLED MIXER	7168848	01/30/07
ATTRITION SCRUBBER APPARATUS AND METHOD	7168641	01/30/07
AERATION APPARATUS AND METHOD	7114844	10/03/06
IMPELLER AND METHOD USING SOLID FREE FORM FABRICATION	7056095	06/06/06
HAND PUMP	D520522	05/09/06
SCRAPER BLADE	D520203	05/02/06
PUMP GEARBOX BEARING RETAINERS AND DRIVE SHAFTS	D518069	03/28/06
PUMP GEARBOX BEARING RETAINERS AND DRIVE SHAFTS	D517090	03/14/06
PUMP GEARBOX BEARING RETAINERS AND DRIVE SHAFTS	D516087	02/28/06
CLEANABLE MIXER DRIVER APPARATUS AND METHOD	7001063	02/21/06
SCRAPER BLADE	D515760	02/21/06
MECHANICAL SEAL DEVICE AND METHOD FOR A SCRAPED SURFACE HEAT EXCHANGER	6994351	02/07/06
MASS TRANSFER METHOD	6986507	01/17/06
SCRAPER BLADE ATTACHMENT APPARATUS AND METHOD WITH SPLIT PIN	6966757	11/22/05

PUMP GEARBOX BEARING RETAINERS AND DRIVE SHAFTS	D509225	09/06/05
COMBINED PUMP GEAR BOX BEARING RETAINERS AND DRIVE SHAFTS	D509226	09/06/05
COMBINED PUMP GEAR BOX BEARING RETAINERS AND DRIVE SHAFTS	D508920	08/30/05
AERATION APPARATUS AND METHOD	6896246	05/24/05
DRIVE ASSEMBLY FOR A MIXER	6877750	04/12/05
AGITATOR AND DRIVE APPARATUS AND METHOD	6860474	03/01/05
IMPELLER AND METHOD USING SOLID FREE FORM FABRICATION	6796770	09/28/04
DUAL DIRECTION MIXING IMPELLER AND METHOD	6796707	09/28/04
APPARATUS AND METHOD FOR CONNECTING SHAFTS	6789314	09/14/04
SEAL SHAFT SHUTOFF DEVICE AND METHOD	6746147	06/08/04
SEAL SHAFT SHUTOFF DEVICE AND METHOD	6742923	06/01/04
MATERIAL DISPERSING DEVICE AND METHOD	6619568	09/16/03
APPARATUS AND PROCESS FOR RECOVERING A DESIRED FRACTION OF A RAW MATERIAL	6612444	09/02/03
FLEXIBLE SUPPORT AND METHOD FOR A STEADY BEARING	6517246	02/11/03
SUPPORT ASSEMBLY FOR SUPPORTING A STEADY BEARING	6517233	02/11/03
COMPACT EXPANDING GATE VALVE	6164622	12/26/00
HIGH ENERGY LOSS FLUID CONTROL DEVICE	6161584	12/19/00
MIXING SYSTEM FOR INTRODUCING AND DISPERSING GAS INTO LIQUIDS	6158722	12/12/00
SOFT START VALVE	6120260	09/19/00
SOFT START VALVE	6079957	06/27/00
FLUID MIXING DEVICE	6022135	02/08/00
UNIFORCE HYDRAULIC CLAMP	6019357	02/01/00
MIXING IMPELLERS ESPECIALLY ADAPTED FOR USE IN SURFACE AERATION	5988604	11/23/99
MIXER SPARGING APPARATUS	5925293	07/20/99
MIXER HAVING EXPOSED CLEAN-IN-PLACE BEARING ASSEMBLIES	5779359	07/14/98

Patent Applications

Title	Appl. No.	Filing Date
MULTI-PART, MANIFOLD AND METHOD OF MAKING THE MANIFOLD	14821985 20150345685	08/10/15
ACTUATION ROD LUBRICATION SYSTEM AND METHOD	14805148 20160025220	07/21/15
FLOATING PISTON	14805073 20160025218	07/21/15
MULTI-PART, TAPERED, CONCENTRIC MANIFOLD AND METHOD OF MAKING THE MANIFOLD	14716755 20150252932	05/19/15
CYLINDER HAVING A FLOATING PISTON, LOW	14643940	03/10/15

PROFILE SWIVEL CAP, AND LUBRICATED ROD	20150184682	
ELECTRIC MOTOR WITH RADially MOUNTED MAGNETS	14505152 20160099625	10/02/14
CYLINDER HAVING A FLOATING PISTON, SWIVEL CAP, AND LUBRICATED ROD	14338102 20150233396	07/22/14
RETRACTABLE MIXING DEVICE AND METHOD	14331824 20150016212	07/15/14
RETRACTABLE MIXING DEVICE AND METHOD	14331806 20150016213	07/15/14
PRESSURE BALANCED HYDRAULIC DEVICE AND METHOD	14313541 20140373928	06/24/14
SWIVEL CAP	14250615 20140308066	04/11/14
ROTARY VANE MOTOR WITH SPLIT VANE	13938652 20150017050	07/10/13
DIRECTIONAL VALVE AND METHOD OF OPERATION	13909755 20140352828	06/04/13
PNEUMATIC DIRECTIONAL VALVE AND METHOD OF OPERATION	13909644 20140352790	06/04/13
ATOMIZING DESUPERHEATER SHUTOFF APPARATUS AND METHOD	13680846 20130074788	11/19/12
SELF ALIGNING CYLINDER PISTON AND ROD BEARING AND METHOD OF MANUFACTURE THEREOF	13650697 20140102293	10/12/12
PUMP DEVICE	13624388 20130017101	09/21/12
MIXER ASSEMBLY APPARATUS AND METHOD	13615855 20130188441	09/14/12
RESERVOIR COOLING APPARATUS AND METHOD	13460526 20130284408	04/30/12

Unpublished Patent Applications

Title	Appl. No.	Application Date
MIXER ASSEMBLY APPARATUS AND METHOD	15182070	06/14/16
HYDRAULIC PUMP WITH ELECTRIC GENERATOR	15176865	06/08/16
TRIMABLE IMPELLER DEVICE AND SYSTEM	15165188	05/26/16
LOW WEAR RADIAL FLOW IMPELLER DEVICE AND SYSTEM	15164349	05/25/16