

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT4643905

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	RELEASE OF SECURITY INTEREST	
CONVEYING PARTY DATA		
Name		Execution Date
UBS AG, STAMFORD BRANCH		09/29/2016
RECEIVING PARTY DATA		
Name:	VAT HOLDING AG	
Street Address:	SEELISTRASSE	
City:	HAAG	
State/Country:	SWITZERLAND	
Postal Code:	9469	
PROPERTY NUMBERS Total: 57		
Property Type	Number	
Patent Number:	5577707	
Patent Number:	5873562	
Patent Number:	6056266	
Patent Number:	5909867	
Patent Number:	6494434	
Patent Number:	6431518	
Patent Number:	6629682	
Patent Number:	6485007	
Patent Number:	6916009	
Patent Number:	6902145	
Patent Number:	6899316	
Patent Number:	7228687	
Patent Number:	7036794	
Patent Number:	7011294	
Patent Number:	7481417	
Patent Number:	7762527	
Patent Number:	7731156	
Patent Number:	8132782	
Patent Number:	8141847	
Patent Number:	8348234	

PATENT

Property Type	Number
Patent Number:	8215612
Patent Number:	8177190
Patent Number:	8511642
Patent Number:	8505875
Patent Number:	8136793
Patent Number:	7134642
Patent Number:	7396001
Patent Number:	7658367
Patent Number:	8424843
Patent Number:	8097084
Patent Number:	7500649
Patent Number:	7802772
Patent Number:	7980529
Patent Number:	7959130
Patent Number:	8622368
Patent Number:	6543748
Patent Number:	6685163
Patent Number:	6698719
Patent Number:	7413162
Patent Number:	7611122
Patent Number:	8002238
Application Number:	13119530
Application Number:	13009147
Application Number:	13575411
Application Number:	13574822
Application Number:	13521877
Application Number:	13751465
Application Number:	13683060
Application Number:	13845461
Application Number:	12910531
Application Number:	12910568
Application Number:	14139352
Application Number:	13941645
Application Number:	13940369
Application Number:	13866163
Application Number:	13461865
Application Number:	13062458

CORRESPONDENCE DATA**Fax Number:** (215)568-6499

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: 2155686400**Email:** dmarkee@vklaw.com**Correspondent Name:** RANDOLPH J. HUIS**Address Line 1:** 30 SOUTH 17TH STREET**Address Line 2:** UNITED PLAZA**Address Line 4:** PHILADELPHIA, PENNSYLVANIA 19103

ATTORNEY DOCKET NUMBER:	HAH-1A (2)/DMM
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NAME OF SUBMITTER:	RANDOLPH J. HUIS
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SIGNATURE:	/Randolph J. Huis/
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DATE SIGNED:	10/17/2017
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Total Attachments: 6

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**TERMINATION AND RELEASE OF GRANT OF SECURITY INTEREST
IN INTELLECTUAL PROPERTY RIGHTS**

THIS TERMINATION AND RELEASE OF GRANT OF SECURITY INTEREST IN INTELLECTUAL PROPERTY RIGHTS (this "Termination"), is dated as of September 29, 2016, and made by UBS AG, STAMFORD BRANCH, as Collateral Agent (the "Grantee") to Vat Holding AG, a Swiss corporation limited by shares (Aktiengesellschaft), registered with the commercial register of the Canton of St. Gallen, Switzerland under the registration number CH-101.543.060 (the "Grantor").

WHEREAS, pursuant to the Intellectual Property Security Agreement, dated as of February 11, 2014 (the "IP Security Agreement"), between the Grantor and the Grantee, a security interest was granted by the Grantor to the Grantee in the Trademarks and Patents (as hereinafter defined);

WHEREAS, the IP Security Agreement was recorded in (i) the Patent Division of the United States Patent and Trademark Office on February 11, 2014, at Reel 032250 and Frame 0457 and (ii) the Trademark Division of the United States Patent and Trademark Office on February 11, 2014, at Reel 5214 and Frame 0148;

WHEREAS, the Grantee now desires to terminate and release the IP Security Agreement;

NOW, THEREFORE, for good and valuable consideration, Grantee hereby states as follows:

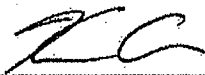
1. Definitions. The term "Trademarks," as used herein, shall mean all of the Grantor's right, title and interest of every kind and nature as of the date hereof in the trademarks listed on Schedule A hereto. The term "Patents," as used herein, shall mean all of the Grantor's right, title and interest of every kind and nature as of the date hereof in the patents listed on Schedule B hereto.

2. Release of Security Interest. Grantee hereby terminates the IP Security Agreement and terminates, releases and discharges its security interest in the Trademarks and Patents and reassigns to the person or persons legally entitled thereto all right, title and interest of Grantee in the Trademarks and Patents.

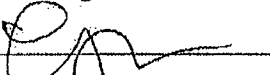
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IN WITNESS WHEREOF, the Grantee has caused this Termination to be executed by its duly authorized officer as of the date first written above.

UBS AG, STAMFORD BRANCH,
as the Grantee

By: 

Name: Kenneth Chin
Title: Director
Banking Products Services, US

By: 

Name: Craig Pearson
Title: Associate Director
Banking Product Services, US

[Signature Page to Termination and Release of Grant of Security Interest in Intellectual Property Rights]

Schedule A

Patents

Grantor	Patent	Filing Date	Application Number	Issue Date	Patent Number
Vat Holding AG	SLIDE VALVE	18.12.1995	08/573,833	26.11.1996	5,577,707
Vat Holding AG	CONTROL APPARATUS FOR CONTROLLING GAS FLOW IN A MOLECULAR REGION	29.01.1996	08/592,983	23.02.1999	5,873,562
Vat Holding AG	DEVICE FOR CLOSING AND OPENING OF A TANK OR A TUBULAR CONDUIT	20.10.1998	09/175,239	02.05.2000	6,056,266
Vat Holding AG	CLOSING ASSEMBLY FOR A CHAMBER HAVING A THROUGH OPENING	27.05.1998	09/085,431	08.06.1999	5,909,867
Vat Holding AG	BATTERFLY VALVE	12.07.2001	09/904,426	17.12.2002	6,494,434
Vat Holding AG	VACUUM VALVE	01.11.2001	09/759,111	13.08.2002	6,431,518
Vat Holding AG	VACUUM VALVE	11.01.2001	09/759,025	07.10.2003	6,629,682
Vat Holding AG	DIAPHRAGM BELLOWS DEVICE	07.05.2002	10/141,167	26.11.2002	6,485,007
Vat Holding AG	LOCKING DEVICE FOR INTRODUCING SUBSTRATES INTO A VACUUM CHAMBER	14.07.2003	10/619,391	12.07.2005	6,916,009
Vat Holding AG	REGULATING SLIDE VALVE	19.06.2003	10/465,447	07.06.2005	6,902,145
Vat Holding AG	CLOSURE DEVICE FOR VACUUM CLOSURE OF AT LEAST ONE OPENING IN A WALL	16.04.2003	10/414,613	31.05.2005	6,899,316
Vat Holding AG	VALVE DEVICE	12.08.2004	10/916,698	12.06.2007	7,228,687
Vat Holding AG	METHOD FOR CONTROL OF A VACUUM VALVE ARRANGED BETWEEN TWO VACUUM CHAMBERS	13.08.2004	10/917,641	02.05.2006	7,036,794
Vat Holding AG	VACUUM VALVE	08.09.2004	10/936,163	14.03.2006	7,011,294

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Grantor	Patent	Filing Date	Application Number	Issue Date	Patent Number
Vat Holding AG	VACUUM VALVE	02.02.2006	11/347,163	27.01.2009	7,481,417
Vat Holding AG	VACUUM VALVE	17.07.2007	11/778,961	27.07.2010	7,762,527
Vat Holding AG	VACUUM VALVE	10.09.2007	11/852,517	08.06.2010	7,731,156
Vat Holding AG	METHOD FOR CONTROLLING OR REGULATING A VACUUM VALVE	15.01.2010	12/688,235	13.03.2012	8,132,782
Vat Holding AG	METHOD FOR CONTROLLING OR REGULATING A VACUUM VALVE	15.01.2010	12/688,140	27.03.2012	8,141,847
Vat Holding AG	VACUUM VALVE	07.05.2010	12/775,795	08.01.2013	8,348,234
Vat Holding AG	SLIDE VALVE	10.11.2010	12/943,353	10.07.2012	8,215,612
Vat Holding AG	VACUUM VALVE	21.09.2009	13/119,530		
Vat Holding AG	VACUUM VALVE	09.10.2009	12/576,527	15.05.2012	8,177,190
Vat Holding AG	MOUNTING OF A VALVE PLATE ON A VALVE ROD	19.01.2011	13/009,147		
Vat Holding AG	CLOSING UNIT FOR A VACUUM VALVE	25.10.2010	12/910,901	20.08.2013	8,511,642
Vat Holding AG	DOOR FOR SEALING AN OPENING	18.01.2011	13/575,411		
Vat Holding AG	VACUUM VALVE	14.12.2010	12/967,692	13.08.2013	8,505,875
Vat Holding AG	DEVICE FOR CLOSING AN OPENING IN A CHAMBER WALL	17.11.2010	13/574,822		
Vat Holding AG	VACUUM VALVE	07.01.2011	13/521,877		
Vat Holding AG	ARRANGEMENT HAVING AT LEAST ONE VALVE	28.01.2013	13/751,465		

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Grantor	Patent	Filing Date	Application Number	Issue Date	Patent Number
Vat Holding AG	GAS METERING DEVICE WITH SPRING LOADING DEVICE HAVING SERIALY ARRANGED SPRINGS	21.11.2012	13/683,060		
Vat Holding AG	VALVE HOUSING FOR A VACUUM VALVE	18.03.2013	13/845,461		
Vat Holding AG	VALVE ARRANGEMENT	24.11.2009	12/625,362	20.03.2012	8 136 793
Vat Holding AG	VACUUM GATE VALVE	18.05.2004	10/847,464	14.11.2006	7,134,642
Vat Holding AG	VALVE FOR ESSENTIALLY GASTIGHT CLOSING A FLOW PATH	20.12.2005	11/311,434	8.07.2006	7,396,001
Vat Holding AG	VALVE ESSENTIALLY GASTIGHT CLOSING A FLOW PATH	27.10.2006	11/588,354	09.02.2010	7,658,367
Vat Holding AG	SHUTTLE VALVE HAVING TWO DRIVES	18.07.2007	11/879,500	23.04.2013	8,424,843
Vat Holding AG	VACUUM CHAMBER SYSTEM FOR SEMICONDUCTOR PROCESSING	19.01.2007	11/655,111	17.01.2012	8,097,084
Vat Holding AG	VACUUM VALVE DRIVE	04.05.2007	11/744,814	10.03.2009	7,500,649
Vat Holding AG	PENDULUM AND SLIDE GATE VACUUM VALVE	19.12.2006	11/641,114	28.09.2010	7,802,772
Vat Holding AG	VACUUM GATE VALVE HAVING A LIMB ELEMENT	09.06.2008	12/135,751	19.07.2011	7,980,529
Vat Holding AG	VACUUM VALVE AND CLOSURE PLATE FOR VACUUM VALVE	16.07.2009	12/504,358	14.06.2011	7,959,130
Vat Holding AG	FLAP TRANSFER VALVE WITH VALVE COVER	22.10.2010	12/910,531		
Vat Holding AG	FLAP TRANSFER VALVE WITH PIVOTING BEARING	22.10.2010	12/910,568		
Vat Holding AG	FLAP TRANSFER VALVE WITH PIVOTABLE VALVE CLOSURE BEAM	03.02.2011	13/020,248	07.01.2014	US 8,622,368

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Vat Holding AG	VALVE FOR THE SUBSTANTIALLY GAS-TIGHT INTERRUPTION OF A FLOW PATH	27.07.2012	13/560,560	08.10.2013	US 8,550,430
Vat Holding AG	VACUUM SLIDE GATE VALVE	23.12.2013	14/139,352		
Vat Holding AG	VACUUM VALVE	15.07.2013	13941645		
Vat Holding AG	VACUUM VALVE	12.07.2013	13940369		
Vat Holding AG	VALVE	19.04.2013	13866163		
Vat Holding AG	VALVE WITH AT LEAST ONE CLOSING BODY	02.05.2012	13461865		
Vat Holding AG	VACUUM VALVE WITH GAS-TIGHT SHAFT PENETRATION	04.03.2011	13062458		
Vat Holding AG	LINEAR MOTION LEADTHROUGH	03.10.2001	09970524	08.04.2003	6543748
Vat Holding AG	VACUUM VALVE	26.02.2002	10085525	03.02.2004	6685163
Vat Holding AG	SEAL ARRANGMENT FOR A VACUUM VALVE	26.06.2002	10185479	02.03.2004	6698719
Vat Holding AG	VACUUM VALVE	29.03.2007	11693257	19.08.2008	7413162
Vat Holding AG	CLOSURE DEVICE FOR THE VACUUM-TIGHT CLOSING OF AN OPENING IN A WALL	22.05.2007	11751764	03.11.2009	7611122
Vat Holding AG	VALVE HAVING A SEALING MEMBER	13.11.2009	12618261	23.08.2011	8002238

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