504352654 05/04/2017

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4399343

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
MOHITH VERGHESE	05/04/2017
ERIC JAMES SHERO	05/04/2017
CARL LOUIS WHITE	05/03/2017
KYLE FONDURULIA	05/03/2017
HERBERT TERHORST	05/04/2017

RECEIVING PARTY DATA

Name:	ASM IP HOLDING B.V.	
Street Address:	VERSTERKERSTRAAT 8	
City:	ALMERE	
State/Country:	NETHERLANDS	
Postal Code:	1322 AP	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15585540

CORRESPONDENCE DATA

Fax Number: (949)760-9502

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: 949-760-0404 **Email:** efiling@knobbe.com

Correspondent Name: KNOBBE, MARTENS, OLSON & BEAR LLP

Address Line 1: 2040 MAIN STREET

Address Line 2: 14TH FLOOR

Address Line 4: IRVINE, CALIFORNIA 92614

Total Attackments O	
DATE SIGNED: 05/04/2017	
SIGNATURE:	/Jordan M. Cox/
NAME OF SUBMITTER:	JORDAN M. COX
ATTORNEY DOCKET NUMBER:	ASMEX.775P1

Total Attachments: 3

PATENT REEL: 042246 FRAME: 0458

504352654

source=ASSIGNMENT#page1.tif
source=ASSIGNMENT#page2.tif
source=ASSIGNMENT#page3.tif

PATENT REEL: 042246 FRAME: 0459 Application No.: 15/585,540 Docket Number: ASMEX.775P1 Filing Date: May 3, 2017 Page 1 of 2

Fage 1 of 2

ASSIGNMENT

WHEREAS, Mohith Verghese, residing at Phoenix, Arizona; Eric James Shero, residing at Phoenix, Arizona; Carl Louis White, residing at Gilbert, Arizona; Kyle Fondurulia, residing at Phoenix, Arizona; Herbert Terhorst, residing at Amersfoort, NL; (individual(s) hereinafter "ASSIGNOR"), invented certain new and useful improvements, technology, inventions, developments, ideas, ornamental design or discoveries related to REACTANT VAPORIZER AND RELATED SYSTEMS AND METHODS (collectively hereinafter referred to as the "Work") for which U.S. Patent Application No. 15/585,540 was prepared and filed on May 3, 2017 with the United States Patent and Trademark Office (hereinafter the "Application");

AND WHEREAS, ASM IP Holding B.V., a Corporation, having an address at Versterkerstraat 8, Almere, NL 1322 AP (hereinafter the "ASSIGNEE"), desires to acquire the entire right, title, and interest in and to the Application and the Work:

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR hereby acknowledges that ASSIGNOR has sold, assigned, transferred and set over, and by these presents does hereby sell, assign, transfer and set over, unto said ASSIGNEE, its successors, legal representatives and assigns, the entire right, title, and interest throughout the world in the Application and the Work, including all provisional applications relating thereto, and all nonprovisional applications claiming priority thereto, including, all divisions, continuations, continuations-in-part, reissues, and reexaminations thereof, and all Letters Patent of the United States which may be granted thereon and all reissues and extensions thereof, and all rights of priority under International Conventions and any related Letters Patent which may hereafter be granted or filed in any country or countries foreign to the United States, all extensions, renewals and reissues thereof; and ASSIGNOR hereby authorizes and requests the Commissioner of Patents of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents on applications as aforesaid, to issue all related Letters Patent to the ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND ASSIGNOR DOES HEREBY sell, assign, transfer, and convey to ASSIGNEE, its successors, legal representatives, and assigns all claims for damages and all remedies arising out of any violation of the rights assigned hereby that may have accrued prior to the date of assignment to ASSIGNEE, or may accrue hereafter, including, but not limited to, the right to sue for, collect, and retain damages for past infringements of said Letters Patent before or after issuance.

AND ASSIGNOR DOES HEREBY covenant and agree that ASSIGNOR will communicate to said ASSIGNEE, its successors, legal representatives and assigns, any facts known to ASSIGNOR respecting the Work, and testify in any legal proceeding, assist in the preparation of any other provisional or non-provisional applications relating to the Application and the Work or any improvements made thereto, sign all lawful papers, authorize the filing of and execute and make all rightful oaths and/or declarations in connection with the Application and the Work including any improvements made thereto, any patent applications filed therefrom, and any continuing application filed from any of the aforementioned applications, and generally do everything possible to aid the ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper patent protection for the Work in all countries. If ASSIGNOR is requested by the owner of the rights conveyed hereby to take action under this paragraph the owner shall reimburse ASSIGNOR for reasonable out-of-pocket expenses actually paid by ASSIGNOR and incurred and paid as a result of complying with the owner's request; provided that receipts showing the amount actually paid are submitted to such owner.

PATENT REEL: 042246 FRAME: 0460

Application No.: 15/585,540 Filing Date: May 3, 2017	Docket Number: ASMEX.775P1 Page 2 of 2
Legal Name of inventor: Mohith Verghese Signature:	Date: <u>5/4/1</u> 7
Legal Name of inventor Eric James Shero Signature:	Date: <u>5/4/17</u>
Legal Name of inventor: Carl Louis White Signature:	Date: 5/3/2017
Legal Name of inventor: Kyle Fondurulia	Date: 5/3/17
Legal Name of inventor: Herbert Terhorst	
Inventor Signature:	Date:

25804204

Application No.: 15/585,540 Filing Date: May 3, 2017	Docket Number: ASMEX.775P1 Page 2 of 2
Legal Name of inventor: Mohith Verghese	in in the second se
Signature:	
Legal Name of inventor: Eric James Shero	
Signature:	Date:
Legal Name of inventor: Carl Louis White	
Signature:	
Legal Name of inventor: Kyle Fondurulia	
Signature:	Date:
Legal Name of inventor: Herbert Terhorst	oon lakkuudud lakkid oo da maanda ja kiido dada ah oo dan sada dada kada oo ah ada da ka ka ka ka da da ka kii
	Date: <u>04/05/20</u> /7

PATENT REEL: 042246 FRAME: 0462

25804204