

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT7344051

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|---|---------------------------------|
| SUBMISSION TYPE: | NEW ASSIGNMENT |
| NATURE OF CONVEYANCE: | ASSIGNMENT |
| CONVEYING PARTY DATA | |
| Name | Execution Date |
| JERELD LEE WINKLER | 06/26/2018 |
| CHEUK LI | 07/09/2018 |
| MICHAEL F. SCHULTZ | 07/18/2018 |
| JOHN KEVIN SHUGRUE | 06/26/2018 |
| 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: | 16990822 |
| CORRESPONDENCE DATA | |
| Fax Number: | (949)760-9502 |
| <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: | 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 |
| ATTORNEY DOCKET NUMBER: | ASMAD.012D1 |
| NAME OF SUBMITTER: | NIMA ZARGARI |
| SIGNATURE: | /Nima Zargari/ |
| DATE SIGNED: | 05/23/2022 |
| Total Attachments: 10 | |
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ASSIGNMENT

WHEREAS, Jereld Lee Winkler, residing in Gilbert, AZ, Cheuk Li, residing in Chandler, AZ, Michael F. Schultz, residing in _____, and John Kevin Shugrue, residing in Phoenix, AZ, (individuals hereinafter "ASSIGNOR"), invented certain new and useful improvements, technology, inventions, developments, ideas, ornamental design or discoveries related to SYSTEMS AND METHODS FOR CONTROLLING VAPOR PHASE PROCESSING (collectively hereinafter referred to as the "Work") for which an application for Letters Patent in the United States has been prepared for filing (identified above) 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, 1322 AP, THE NETHERLANDS (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.

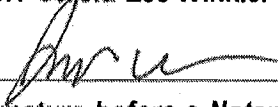
AND ASSIGNOR DOES HEREBY covenant and agree that ASSIGNOR will communicate to said ASSIGNEE, its successors, legal representatives and assigns, any facts known to ASSIGNOR respecting the Work, and testify in any legal proceeding, assist in the preparation of any other provisional or non-provisional applications 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.

Application No.: 15/996,350
Filing Date: June 1, 2018

Docket Number: ASMEX.778A
Page 2 of 5

Legal Name of inventor: Jerold Lee Winkler

Signature: _____



Date: _____

6/26/18

Signature before a Notary is desirable but not required. When signed in presence of a Notary, please attach the appropriate notarial documentation.

Application No.: 15/996,350
Filing Date: June 1, 2018

Docket Number: ASMEX.778A
Page 3 of 5

Legal Name of inventor: Cheuk Li

Signature:  Date: 7/9/18

Signature before a Notary is desirable but not required. When signed in presence of a Notary, please attach the appropriate notarial documentation.

Legal Name of inventor: Michael F. Schultz

Signature: _____ Date: _____

Signature before a Notary is desirable but not required. When signed in presence of a Notary, please attach the appropriate notarial documentation.

Application No.: 15/996,350
Filing Date: June 1, 2018

Docket Number: ASMEX.778A
Page 5 of 5

Legal Name of Inventor: John Kevin Shugrue

Signature:  Date: 6/26/2018

Signature before a Notary is desirable but not required. When signed in presence of a Notary, please attach the appropriate notarial documentation.

28408945

ASSIGNMENT

WHEREAS, Jereld Lee Winkler, residing in Gilbert, AZ, Cheuk Li, residing in _____, Michael F. Schultz, residing in Mesa, AZ, and John Kevin Shugrue, residing in Phoenix, AZ, (individuals hereinafter "ASSIGNOR"), invented certain new and useful improvements, technology, inventions, developments, ideas, ornamental design or discoveries related to SYSTEMS AND METHODS FOR CONTROLLING VAPOR PHASE PROCESSING (collectively hereinafter referred to as the "Work") for which an application for Letters Patent in the United States has been prepared for filing (identified above) with the United States Patent and Trademark Office (hereinafter the "Application");

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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.

Legal Name of inventor: Jereld Lee Winkler

Signature: _____ Date: _____

Signature before a Notary is desirable but not required. When signed in presence of a Notary, please attach the appropriate notarial documentation.

Legal Name of inventor: Cheuk Li

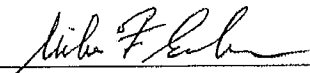
Signature: _____ Date: _____

Signature before a Notary is desirable but not required. When signed in presence of a Notary, please attach the appropriate notarial documentation.

Application No.: 15/996,350
Filing Date: June 1, 2018

Docket Number: ASMEX.778A
Page 4 of 5

Legal Name of inventor: Michael F. Schultz

Signature:  Date: 7-18-2018

Signature before a Notary is desirable but not required. When signed in presence of a Notary, please attach the appropriate notarial documentation.

Legal Name of inventor: John Kevin Shugrue

Signature: _____ Date: _____

Signature before a Notary is desirable but not required. When signed in presence of a Notary, please attach the appropriate notarial documentation.

28408945