# 505720994 10/14/2019

## PATENT ASSIGNMENT COVER SHEET

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UBMISSION TYPE:		NEW ASSIGNMENT			
NATURE OF CONVEYANCE:		ASSIGNMENT			
CONVEYING PARTY D	ΑΤΑ				
		Name	Execution Date		
ERIC JAMES SHERO			07/08/2019		
CARL LOUIS WHITE			07/08/2019		
MOHITH E. VERGHESE			07/11/2019		
KYLE FONDURULIA			07/08/2019		
TIMOTHY JAMES SULL	IVAN		07/18/2019		
RECEIVING PARTY DA	ТА				
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Street Address:	VERST	VERSTERKERSTAAT 8			
City:	ALMER	E			
State/Country:	NETHE	NETHERLANDS			
-					
	1322 Al	P			
		P Number			
PROPERTY NUMBERS Property Type	Total: 1				
PROPERTY NUMBERS Property Type Application Number:	Total: 1	Number			
PROPERTY NUMBERS Property Type Application Number: CORRESPONDENCE D	Total: 1	Number			
PROPERTY NUMBERS Property Type Application Number: CORRESPONDENCE D Fax Number: Correspondence will b	Total: 1	Number   16539911   (602)470-2434   the e-mail address first; if that is unsuccessful			
PROPERTY NUMBERS Property Type Application Number: CORRESPONDENCE D Fax Number: <i>Correspondence will be</i> <i>using a fax number, if j</i>	Total: 1 PATA e sent to provided	Number 16539911 (602)470-2434			
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PROPERTY NUMBERS Property Type Application Number: CORRESPONDENCE D Fax Number: <i>Correspondence will b</i> <i>using a fax number, if p</i> Phone: Email: Correspondent Name: Address Line 1:	Total: 1	Number   16539911   (602)470-2434   the e-mail address first; if that is unsuccessful; if that is unsuccessful; if that is unsuccessful, it will be sent via US N   6024705707   michelle.sympson@asm.com   PATRICK LEE   3440 E. UNIVERSITY AVENUE			
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PROPERTY NUMBERS Property Type Application Number: CORRESPONDENCE D Fax Number: Correspondence will b using a fax number, if p Phone: Email: Correspondent Name: Address Line 1: Address Line 4: ATTORNEY DOCKET NU	Total: 1	Number   16539911   (602)470-2434   (for e-mail address first; if that is unsuccessful, it will be sent via US M   024705707   michelle.sympson@asm.com   PATRICK LEE   3440 E. UNIVERSITY AVENUE   PHOENIX, ARIZONA 85034   PAT-AM-0892-US-NP   MICHELLE SYMPSON			

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PATENT REEL: 050702 FRAME: 0296

Docket No.: PAT-AM-0892-US-NP

Application Serial No.: \_16/539,911 \_\_\_\_\_ Filing Date: August 13, 2019 Title: SOLID SOURCE SUBLIMATOR

#### **ASSIGNMENT**

WHEREAS, ERIC JAMES SHERO, a citizen of the United States of America and a resident of Phoenix, Arizona; CARL LOUIS WHITE, a citizen of the United States of America and a resident of Gilbert, Arizona; MOHITH E. VERGHESE, a citizen of the United States of America and a resident of Phoenix, Arizona; KYLE FONDURULIA, a citizen of the United States of America and a resident of Phoenix, Arizona; and TIMOTHY JAMES SULLIVAN, a citizen of the United States of America and a states of America and a resident of Gilbert, Arizona; Arizona; Arizona; and TIMOTHY JAMES SULLIVAN, a citizen of the United States of America and a resident of Gilbert, Arizona,

(collectively, "WE" or "ASSIGNOR") have conceived of one or more processes, methods, machines, articles of manufacture, designs, compositions of matter, inventions, discoveries or new or useful improvements relating to SOLID SOURCE SUBLIMATOR (collectively, the "INVENTIONS") for which WE have executed and/or may execute one or more patent applications therefore; and

WHEREAS, ASM IP HOLDING B.V. (hereinafter "ASSIGNEE"), a corporation having a place of business at Versterkerstaat 8, Almere, 1322 AP, Netherlands, desires to acquire or otherwise obtain the entire right, title, and interest in and to said INVENTIONS, including all patent applications therefore, and all patents that have granted or may be granted hereafter thereon, including, but not limited to, those identified below.

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, WE do hereby acknowledge that WE have sold, assigned, conveyed and transferred, and by these presents do hereby sell, assign, convey and transfer, unto ASSIGNEE, its successors, its legal representatives and its assigns, the entire right, title, and interest throughout the world in and to said INVENTIONS, including all patent applications therefore that may have been filed or may be filed hereafter for said INVENTIONS (including but not limited Application No(s). 16/539,911, filed on August 13, 2019, as Docket No. PAT-AM-0892-US-NP (and do hereby authorize ASSIGNEE and its representative to hereafter add herein such application number(s) and/or filing date(s) when known)) and all rights of priority under International Conventions, Treaties, and Agreements, all utility applications, national phase applications, utility model applications and design applications thereof, and all issued patents which may have granted or may be granted hereafter thereon and all reissues, renewals, reexaminations, and extensions to any of the foregoing and all patents issuing thereon;

AND WE DO HEREBY authorize and request any Official of any country or countries whose duty it is to issue patents on applications or registrations, to issue all patents for said INVENTIONS to

Page 1 of 3

PATENT REEL: 050702 FRAME: 0297

#### Application Serial No.: Filing Date: Title: SOLID SOURCE SUBLIMATOR

ASSIGNEE, its successors, its legal representatives, and its assigns, in accordance with the terms of this instrument;

AND WE DO HEREBY sell, assign, transfer, and convey to said ASSIGNEE, its successors, its legal representatives, and its assigns all claims for damages and all remedies arising out of or relating to any violation(s) of any of the rights assigned hereby that have or may have accrued prior to the date of assignment to said ASSIGNEE, or may accrue hereafter, including, but not limited to the right to sue for, seek, obtain, collect, recover and retain damages and any ongoing or prospective royalties to which WE may be entitled, or form any settlement or agreement related to any of said patents before or after issuance;

AND WE HEREBY covenant and agree that WE will communicate promptly to said ASSIGNEE. its successors, its legal representatives, and its assigns, any facts known to us respecting said INVENTIONS, and will testify in any legal proceeding, sign all lawful papers, execute all applications and certificates, make all rightful declarations and/or oaths, and provide all lawful assistance to said ASSIGNEE, its successors, its legal representatives, and its assigns, to obtain and enforce patent protection for said INVENTIONS in all countries.

EXECUTED as of the date(s) below by ASSIGNOR:

ERIC JAMES SHERO Signature

CARL LOUIS WHITE

Signature

MOHITH E. VERGHESE

Signature

KYLE FONDURUIIIA Signature

<u>7/8/2019</u>

Date

07/08/2019

Date

Date

Page 2 of 3

PATENT REEL: 050702 FRAME: 0298 Application Serial No.: \_\_\_\_\_ Filing Date: \_\_\_\_\_ Title: SOLID SOURCE SUBLIMATOR

ASSIGNEE, its successors, its legal representatives, and its assigns, in accordance with the terms of this instrument;

AND WE DO HEREBY sell, assign, transfer, and convey to said ASSIGNEE, its successors, its legal representatives, and its assigns all claims for damages and all remedies arising out of or relating to any violation(s) of any of the rights assigned hereby that have or may have accrued prior to the date of assignment to said ASSIGNEE, or may accrue hereafter, including, but not limited to the right to sue for, seek, obtain, collect, recover and retain damages and any ongoing or prospective royalties to which WE may be entitled, or form any settlement or agreement related to any of said patents before or after issuance;

AND WE HEREBY covenant and agree that WE will communicate promptly to said ASSIGNEE, its successors, its legal representatives, and its assigns, any facts known to us respecting said INVENTIONS, and will testify in any legal proceeding, sign all lawful papers, execute all applications and certificates, make all rightful declarations and/or oaths, and provide all lawful assistance to said ASSIGNEE, its successors, its legal representatives, and its assigns, to obtain and enforce patent protection for said INVENTIONS in all countries.

EXECUTED as of the date(s) below by ASSIGNOR:

ERIC JAMES SHERO

Signature

CARL LOUIS WHITE

Signature	
MOHITH E. VERGHESE	
Completion	
Signature .	

**KYLE FONDURULIA** 

Signature

Date

Date

JULY 11, 2019 Date

Date

Page 2 of 3

Docket No.: PAT-AM-0892-US-NP

Application Serial No.: \_\_\_\_\_ Filing Date: \_\_\_\_\_ Title: SOLID SOURCE SUBLIMATOR

TIMOTHY JAMES SULLIVAN

. **x**:

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Servery Sulliegers Signature

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Date	Ň	5	

Page 3 of 3

### PATENT REEL: 050702 FRAME: 0300

**RECORDED: 10/14/2019**