507785753 03/07/2023

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

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 SULLIVAN	07/18/2019

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:	18163144

CORRESPONDENCE DATA

Fax Number: (949)760-9502

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Total Attachments: 4	
DATE SIGNED:	03/07/2023
SIGNATURE:	/JORDAN M. COX/
NAME OF SUBMITTER:	JORDAN M. COX
ATTORNEY DOCKET NUMBER:	ASMAD.013C1

Total Attachments: 4

PATENT REEL: 062911 FRAME: 0030

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source=2023-02-13 Signed Assignment (Parent) - ASMAD.013C1#page1.tif source=2023-02-13 Signed Assignment (Parent) - ASMAD.013C1#page2.tif source=2023-02-13 Signed Assignment (Parent) - ASMAD.013C1#page3.tif source=2023-02-13 Signed Assignment (Parent) - ASMAD.013C1#page4.tif

> PATENT REEL: 062911 FRAME: 0031

Application Serial No.: _16/539,911 _____ Docket No.: PAT-AM-0892-US-NP

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 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, divisional applications, renewal applications, continuation applications, validation 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

Application Serial No.:	Docket No.; PAT-AM-0892-US-NP
Filing Date: Title: SOLID SOURCE SUBLIMATOR	
	*
ASSIGNEE, its successors, its legal representatives, and it of this instrument;	s assigns, in accordance with the terms
AND WE DO HEREBY sell, assign, transfer, and convey legal representatives, and its assigns all claims for damagrelating to any violation(s) of any of the rights assigned legion to the date of assignment to said ASSIGNEE, or make the right to sue for, seek, obtain, collect, recover or prospective royalties to which WE may be entitled, or for to any of said patents before or after issuance;	ges and all remedies arising out of or hereby that have or may have accrued ay accrue hereafter, including, but not or and retain damages and any ongoing
AND WE HEREBY covenant and agree that WE will come its successors, its legal representatives, and its assigns, a INVENTIONS, and will testify in any legal proceeding applications and certificates, make all rightful declaration assistance to said ASSIGNEE, its successors, its legal rep and enforce patent protection for said INVENTIONS in all	any facts known to us respecting said g, sign all lawful papers, execute all as and/or oaths, and provide all lawful presentatives, and its assigns, to obtain
EXECUTED as of the date(s) below by ASSIGNOR:	
ERIC JAMES SHERO	7/8/2019
Signature /	Date
CARL LOUIS WHITE	**
Lal Zous Whit	07/08/2019
Signature	Date
MOHITH E. VERGHESE	

Date

Signature

Signature

Application Serial No.: Filing Date: Title: SOLID SOURCE SUBLIMATOR	Docket No.: PAT-AM-0892-US-NP
ASSIGNEE, its successors, its legal representatives, of this instrument;	and its assigns, in accordance with the terms
AND WE DO HEREBY sell, assign, transfer, and collegal representatives, and its assigns all claims for relating to any violation(s) of any of the rights assignior to the date of assignment to said ASSIGNEE, limited to the right to sue for, seek, obtain, collect, or prospective royalties to which WE may be entitled to any of said patents before or after issuance;	damages and all remedies arising out of or gned hereby that have or may have accrued , or may accrue hereafter, including, but not recover and retain damages and any ongoing
AND WE HEREBY covenant and agree that WE will its successors, its legal representatives, and its ass INVENTIONS, and will testify in any legal procapplications and certificates, make all rightful declarassistance to said ASSIGNEE, its successors, its legal enforce patent protection for said INVENTIONS	igns, any facts known to us respecting said seeding, sign all lawful papers, execute all arations and/or oaths, and provide all lawful gal representatives, and its assigns, to obtain S in all countries.
EXECUTED as of the date(s) below by ASSIGNOR	
ERIC JAMES SHERO	
6:	Date
Signature	Date
CARL LOUIS WHITE	
Signature	Date
MOHITH E. VERGHESE	
(maldless-	JULY 11, 2019
Signature	Date
KYLE FONDURULIA	
Signature	Date

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Application	Serial No.:	
F52.63		

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

Filing Date:

Title: SOLID SOURCE SUBLIMATOR

TIMOTHY JAMES SULLIVAN

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Signature

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RECORDED: 03/07/2023