

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

EPAS ID: PAT7383720

<b>SUBMISSION TYPE:</b>	CORRECTIVE ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	Corrective Assignment to correct the MISSPELLING OF CONVEYING PARTY BHUSHAN ZOPE WHICH WAS ERRONEOUSLY SET FORTH AS "BHUSHAN XOPE" previously recorded on Reel 052851 Frame 0471. Assignor(s) hereby confirms the ASSIGNMENT.
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
RAJ SINGU	03/12/2020
CARL LOUIS WHITE	02/28/2020
TODD ROBERT DUNN	02/27/2020
HERBERT TERHORST	03/02/2020
ERIC JAMES SHERO	03/12/2020
BHUSHAN ZOPE	03/09/2020
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	ASM IP HOLDING B.V.
<b>Street Address:</b>	VERSTERKERSTRAAT 8
<b>City:</b>	ALMERE
<b>State/Country:</b>	NETHERLANDS
<b>Postal Code:</b>	1322 AP
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	16875088
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(602)470-2434
<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>	
<b>Phone:</b>	6024705707
<b>Email:</b>	michelle.simpson@asm.com
<b>Correspondent Name:</b>	PATRICK LEE
<b>Address Line 1:</b>	3440 E. UNIVERSITY DRIVE
<b>Address Line 4:</b>	PHOENIX, ARIZONA 85034
<b>ATTORNEY DOCKET NUMBER:</b>	PAT-AM-0906-US-NP
<b>NAME OF SUBMITTER:</b>	MICHELLE SYMPSON
<b>SIGNATURE:</b>	/MICHELLE SYMPSON/

<b>DATE SIGNED:</b>	06/15/2022
<b>Total Attachments: 9</b> source=PAT-AM-0906-US-NP Corrective Documents dtd 6-5-2020#page1.tif source=PAT-AM-0906-US-NP Corrective Documents dtd 6-5-2020#page2.tif source=PAT-AM-0906-US-NP Corrective Documents dtd 6-5-2020#page3.tif source=PAT-AM-0906-US-NP Corrective Documents dtd 6-5-2020#page4.tif source=PAT-AM-0906-US-NP Corrective Documents dtd 6-5-2020#page5.tif source=PAT-AM-0906-US-NP Corrective Documents dtd 6-5-2020#page6.tif source=PAT-AM-0906-US-NP Corrective Documents dtd 6-5-2020#page7.tif source=PAT-AM-0906-US-NP Corrective Documents dtd 6-5-2020#page8.tif source=PAT-AM-0906-US-NP Corrective Documents dtd 6-5-2020#page9.tif	

**PATENT ASSIGNMENT COVER SHEET**

Electronic Version v1.1  
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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT														
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT														
<b>CONVEYING PARTY DATA</b>															
<table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>RAJ SINGU</td><td>03/12/2020</td></tr><tr><td>CARL LOUIS WHITE</td><td>02/28/2020</td></tr><tr><td>TODD ROBERT DUNN</td><td>02/27/2020</td></tr><tr><td>HERBERT TERHORST</td><td>03/02/2020</td></tr><tr><td>ERIC JAMES SHERO</td><td>03/12/2020</td></tr><tr><td>BHUSHAN XOPE</td><td>03/09/2020</td></tr></tbody></table>	Name	Execution Date	RAJ SINGU	03/12/2020	CARL LOUIS WHITE	02/28/2020	TODD ROBERT DUNN	02/27/2020	HERBERT TERHORST	03/02/2020	ERIC JAMES SHERO	03/12/2020	BHUSHAN XOPE	03/09/2020	
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<b>ATTORNEY DOCKET NUMBER:</b>	PAT-AM-0906-US-NP														
<b>NAME OF SUBMITTER:</b>	MICHELLE SYMPSON														
<b>Signature:</b>	/Michelle Simpson/														

**Date:**

06/05/2020

**Total Attachments: 7**

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source=PAT-AM-0906-US-NP Assignment Executed#page7.tif

**RECEIPT INFORMATION****EPAS ID:** PAT6139776**Receipt Date:** 06/05/2020

**ASSIGNMENT**

WHEREAS, RAJ SINGU, a citizen of India and a resident of Phoenix, Arizona; CARL LOUIS WHITE, a citizen of the United States of America and a resident of Gilbert, Arizona; TODD ROBERT DUNN, a citizen of the United States of America and a resident of Cave Creek, Arizona; HERBERT TERHORST, a citizen of the Netherlands and a resident of Amersfoort, Netherlands; ERIC JAMES SHERO, a citizen of the United States of America and a resident of Phoenix, Arizona; and BHUSHAN ZOPE, a citizen of India and a resident of Phoenix, 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 SUBSTRATE SUSCEPTOR USING EDGE PURGING (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 Versterkerstraat 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). 16/875,088, filed on May 15, 2020, as Docket No. PAT-AM-0906-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, continuation-in-part applications, patent of addition applications, confirmation 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-0906-US-NP

Filing Date: \_\_\_\_\_

Title: SUBSTRATE SUSCEPTOR USING EDGE PURGING

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:

RAJ SINGU

\_\_\_\_\_  
Signature

3/12/2020  
\_\_\_\_\_  
Date

CARL LOUIS WHITE

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Date

TODD ROBERT DUNN

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Date

HERBERT TERHORST

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Date

Application Serial No.: \_\_\_\_\_

Docket No.: PAT-AM-0906-US-NP

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

RAJ SINGU

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Date

CARL LOUIS WHITE

*Carl Louis White*  
\_\_\_\_\_  
Signature

*02/28/2020*  
\_\_\_\_\_  
Date

Signature

Date

TODD ROBERT DUNN

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Date

HERBERT TERHORST

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Date

Application Serial No.: \_\_\_\_\_

Docket No.: PAT-AM-0906-US-NP

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

RAJ SINGU

\_\_\_\_\_  
Signature

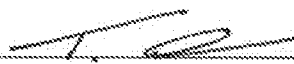
\_\_\_\_\_  
Date

CARL LOUIS WHITE

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Date

TODD ROBERT DUNN

  
\_\_\_\_\_  
Signature

2/27/2020  
\_\_\_\_\_  
Date

HERBERT TERHORST

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Date



Application Serial No.: \_\_\_\_\_

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

RAJ SINGU

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Date

CARL LOUIS WHITE

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Date

TODD ROBERT DUNN

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Date

HERBERT TERHORST

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Date

*March 2, 2020*

Application Serial No.: \_\_\_\_\_

Docket No.: PAT-AM-0906-US-NP

Filing Date: \_\_\_\_\_

Title: SUBSTRATE SUSCEPTOR USING EDGE PURGING

ERIC JAMES SHERO

Signature

Date

BHUSHAN ZOPE

Signature

Date

Application Serial No.: \_\_\_\_\_

Docket No.: PAT-AM-0906-US-NP

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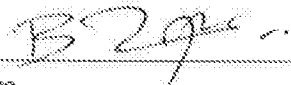
Title: SUBSTRATE SUSCEPTOR USING EDGE PURGING

ERIC JAMES SHERO

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Date

BHUSHAN ZOPE

  
\_\_\_\_\_  
Signature

3/9/20  
Date