### 507014970 12/08/2021

# **PATENT ASSIGNMENT COVER SHEET**

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
VILJAMI PORE	02/01/2019
ZECHENG LIU	02/01/2019

### **RECEIVING PARTY DATA**

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

## **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	17544982

### **CORRESPONDENCE DATA**

**Fax Number:** (602)382-6070

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:** 6023826296

Email: dgilden@swlaw.com

Correspondent Name: SNELL & WILMER (ASM IP HOLDING B.V.)

Address Line 1: 400 EAST VAN BUREN STREET
Address Line 4: PHOENIX, UNITED STATES 85004

ATTORNEY DOCKET NUMBER:	81056.04417
NAME OF SUBMITTER:	DIANE GILDEN
SIGNATURE:	/Diane Gilden/
DATE SIGNED:	12/08/2021

### **Total Attachments: 2**

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PATENT 507014970 REEL: 058330 FRAME: 0503

Application Serial No.: 62/808,251 Docket No.: PAT-MC-0607-US-PSP

Filing Date: February 20, 2019

Title: METHOD AND APPARATUS FOR FILLING A RECESS FORMED WITHIN A

SUBSTRATE SURFACE

### **ASSIGNMENT**

WHEREAS, VILJAMI PORE, a citizen of Finland and a resident of Helsinki, Finland; ZECHENG LIU, a citizen of China and a resident of Helsinki, Finland,

(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 METHOD AND APPARATUS FOR FILLING A RECESS FORMED WITHIN A SUBSTRATE SURFACE (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). 62/808,251, filed on February 20, 2019 as Docket No. PAT-MC-0607-US-PSP (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 ASSIGNEE, its successors, its legal representatives, and its assigns, in accordance with the terms of this instrument;

Application Serial No.:	Docket No.: PAT-MC-0607-US-PSI
Filing Date:	
Title: METHOD AND APPARATUS FOR FILLI	NG A RECESS FORMED WITHIN A
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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:

VILJAMI PORE

Signature

ZECHENG LIU

Signature

Tebnary 2019

2000

Date