

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT6470765

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
GIUSEPPE ALESSIO VERNI	11/06/2020
QI XIE	10/27/2020
HENRI JUSSILA	11/04/2020
CHARLES DEZELAH	11/19/2020
JIYEON KIM	11/06/2020
ERIC JAMES SHERO	11/20/2020
PAUL MA	10/28/2020
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:	17113242
CORRESPONDENCE DATA	
Fax Number:	(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>	
Phone:	6024705707
Email:	michelle.simpson@asm.com
Correspondent Name:	PATRICK LEE
Address Line 1:	3440 E. UNIVERSITY DRIVE
Address Line 4:	PHOENIX, ARIZONA 85034
ATTORNEY DOCKET NUMBER:	PAT-MC-0634-US-NP
NAME OF SUBMITTER:	MICHELLE SYMPSON
SIGNATURE:	/Michelle Simpson/
DATE SIGNED:	12/28/2020

Total Attachments: 8

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Filing Date: December 7, 2020

Title: METHOD OF FORMING VANADIUM NITRIDE LAYER AND STRUCTURE INCLUDING THE VANADIUM NITRIDE LAYER

ASSIGNMENT

WHEREAS, GIUSEPPE ALESSIO VERNI, a citizen of Italy and a resident of Antwerp, Belgium; QI XIE, a citizen of Belgium and a resident of Leuven, Belgium; HENRI JUSSILA, a citizen of Finland and a resident of Espoo, Finland; CHARLES DEZELAH, a citizen of the United States of America and a resident of Helsinki, Finland; JIYEON KIM, a citizen of South Korea and a resident of Tempe, Arizona; ERIC JAMES SHERO, a citizen of the United States of America and a resident of Phoenix, Arizona; and PAUL MA, a citizen of the United States of America and a resident of Scottsdale, 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 METHOD OF FORMING VANADIUM NITRIDE LAYER AND STRUCTURE INCLUDING THE VANADIUM NITRIDE LAYER (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). 17/113,242, filed on December 7, 2020, as Docket No. PAT-MC-0634-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;

Application Serial No.: _____

Docket No.: PAT-MC-0634-US-NP

Filing Date: _____

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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;

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:

GIUSEPPE ALESSIO VERM

Signature

Date

QI XIE

Signature

Date

HENRI JUSSILA

Signature

Date

CHARLES DEZELAH

Signature

Date

Application Serial No.: _____

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

GIUSEPPE ALESSIO VERNI

Signature

QI XIE

QX Xie

Signature

HENRI JUSSILA

Signature

CHARLES DEZELAH

Signature

Date

Oct 27. 2020

Date

Date

Date

Application Serial No.: _____

Docket No.: PAT-MC-0634-US-NP

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

GIUSEPPE ALESSIO VERNI

Signature

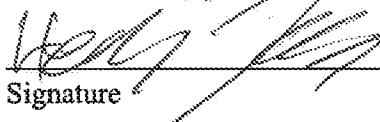
Date

QI XIE

Signature

Date

HENRI JUSSILA



Signature

4.11.2020

Date

CHARLES DEZELAH

Signature

Date

Application Serial No.: _____

Docket No.: PAT-MC-0634-US-NP

Filing Date: _____

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

GIUSEPPE ALESSIO VERNI

Signature

Date

QI XIE

Signature

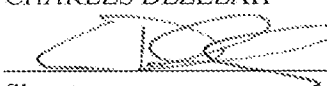
Date

HENRI JUSSILA

Signature

Date

CHARLES DEZELAH



Signature

November 19, 2020
Date

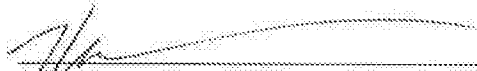
Application Serial No.: _____

Docket No.: PAT-MC-0634-US-NP

Filing Date: _____

Title: METHOD OF FORMING VANADIUM NITRIDE LAYER AND STRUCTURE
INCLUDING THE VANADIUM NITRIDE LAYER

JIYEON KIM



Signature

11.06.2020

Date

ERIC JAMES SHERO

Signature

Date

PAUL MA

Signature

Date

Application Serial No.: _____

Docket No.: PAT-MC-0634-US-NP

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JIYEON KIM

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ERIC JAMES SHERO

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11/20/2020

PAUL MA

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PAUL MA

Signature

Date

10/28/2020