505479316 05/16/2019

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
BEERT JACOBUS KEESTRA	08/03/2018
TIM LEONARDUS MARIA VORAGE	09/10/2018
GODEFRIDUS BERNARDUS WILHELMUS LEONARDUS LIGTHART	07/05/2018

RECEIVING PARTY DATA

Name:	DSM IP ASSETS B.V.
Street Address:	HET OVERLOON 1
City:	HEERLEN
State/Country:	NETHERLANDS
Postal Code:	6411 TE

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16061757

CORRESPONDENCE DATA

Fax Number: (703)816-4100

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: 703-816-4000

Email: PTOMAIL@nixonvan.com Correspondent Name: BRYAN H. DAVIDSON

Address Line 1: NIXON & VANDERHYE P.C., 11TH FLOOR

Address Line 2: 901 NORTH GLEBE ROAD Address Line 4: ARLINGTON, VIRGINIA 22203

ATTORNEY DOCKET NUMBER:	BHD-4662-3644
NAME OF SUBMITTER: BRYAN H. DAVIDSON	
SIGNATURE:	/BRYAN H. DAVIDSON/
DATE SIGNED:	05/16/2019
	This document serves as an Oath/Declaration (37 CFR 1.63).

Total Attachments: 3

source=4662-3644 Executed Declaration Assignment#page1.tif source=4662-3644 Executed Declaration Assignment#page2.tif

PATENT REEL: 049197 FRAME: 0250 505479316

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PATENT REEL: 049197 FRAME: 0251 Doc code: Oath

Document Description: Oath or declaration filed Attorney Docket Number BHD-4662-3644 First Named Inventor KEESTRA, Beert Jacobus INVENTOR'S DECLARATION AND ASSIGNMENT FOR UTILITY OR DESIGN PATENT APPLICATION (37 CFR 1.63) USING AN APPLICATION DATA SHEET (37 CFR 1.76) Declaration Submitted With Initial Filing OR Declaration Submitted After Initial Filing (surcharge (37 C.F.R. § 1.16(f)) required) PRESSURE YESSEL (Title of the Invention) As a below named inventor, I hereby declare that: This declaration is directed to: the attached application, or United States Application Number 16/061,757 filed June 13, 2018 PCT International application number filed on The above-identified application was made or authorized to be made by me. I believe I am the original inventor or an original joint inventor of a claimed invention in the application. I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both. WHEREAS, the undersigned (hereinafter ASSIGNOR), has made an invention in the Application identified above. WHEREAS, DSM IP Assets B.V. (hereinafter ASSIGNEE), an entity, having an office and place of business at Het Overloon 1, Heerlen. Netherlands 6411 TE, is desirous of acquiring an interest therein; NOW, THEREFORE, in consideration of One Dollar (\$1.00) and/or other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the said ASSIGNOR by these presents hereby sells, assigns, and transfers unto the said ASSIGNEE, its successors, assigns, and legal representatives, ASSIGNOR'S entire right, title and interest in the United States of America and all foreign countries, in and to the invention as described in the aforesaid application, and to the said application and to all subsequent applications based thereon including any and all continuations, divisions, reissues, and substitutes of said application, and all resulting patents, together with the right of priority under the International Convention for the Protection of Industrial Property, Inter-American Convention Relating to Patents, Designs and Industrial Models, and any other international agreements to which the United States of America adheres, and the ASSIGNOR hereby authorizes and requests the Commissioner of Patents and Trademarks to issue said Letters Patent to ASSIGNEE, for its interest as ASSIGNEE, its successors, assigns, and legal representatives. It is understood and agreed that ASSIGNEE'S attorneys Nixon & Vanderhye P.C. have represented only ASSIGNEE and will continue to represent only ASSIGNEE with respect to this invention; ASSIGNOR hereby agrees to transfer a like interest upon request of said ASSIGNEE, its successors, assigns, and legal representatives, and without further remuneration, in and to any improvements, and applications for patents based thereon, growing out of or related to the said invention; ASSIGNOR hereby agrees to execute any papers by ASSIGNEE, its successors, assigns, and legal representatives, deemed essential to ASSIGNEE'S full protection and title in and to the invention hereby transferred; and ASSIGNOR hereby agrees, upon request of ASSIGNEE, and without further remuneration, to execute any and all papers desired by ASSIGNEE, for the filing and granting of foreign applications and the perfecting of title thereto in ASSIGNEE. AGREED and executed as noted below: LEGAL NAME OF INVENTOR/JOINT INVENTOR: (E.g., Given Name (first and middle (if any)) and Family Name or Sumame) Jacobus KEESTRA Inventor's Signature: Date:

I/We acknowledge the duty to disclose information which is material to the patentability of this application as defined in 37 CFR §1.56.

03/08/18

Doc code: Oath Document Description: Oath or declaration filed		
Document Description. Valit of declaration med	Attorney Docket Number	BHD-4662-3644
	First Named Inventor	KEESTRA, Beert Jacobus
INVENTOR'S DECLARATION AND ASSIGNMENT FOR UTUSING AN APPLICATION D		APPLICATION (37 CFR 1.63)
Declaration Submitted With Initial Filing		
OR ⊠ Declaration Submitted After Initial Filing (surcharge (37 C	.F.R. § 1.16(f)) required)	
PRESSURI	E VESSEL	
(Title of the	Invention)	
As a below named inventor, I hereby declare that:		
This declaration is directed to: the attached application, or United States Application Number 16/061,757 filed June 1 PCT International application number filed on	13, 2018	
The above-identified application was made or authorized to be made	by me.	
I believe I am the original inventor or an original joint inventor of a cla	aimed invention in the application	,
I hereby acknowledge that any willful false statement made in this de by fine or imprisonment of not more than five (5) years, or both.	eclaration is punishable under 18	U.S.C. 1001
WHEREAS, the undersigned (hereinafter ASSIGNOR), has made ar	n invention in the Application iden	tified above.
WHEREAS, DSM IP Assets B.V. (hereinafter ASSIGNEE), an entity, Netherlands 6411 TE, is desirous of acquiring an interest therein;	having an office and place of bu	siness at Het Overloon 1, Heerlen,
NOW, THEREFORE, in consideration of One Dollar (\$1.00) and/or which are hereby acknowledged, the said ASSIGNOR by these presits successors, assigns, and legal representatives, ASSIGNOR'S enforeign countries, in and to the invention as described in the aforesal applications based thereon including any and all continuations, divisipatents, together with the right of priority under the International Conconvention Relating to Patents, Designs and Industrial Models, and America adheres, and the ASSIGNOR hereby authorizes and requesteters Patent to ASSIGNEE, for its interest as ASSIGNEE, its successive that ASSIGNEE'S attorneys Nixon & Vanderhye P.C. have reassessed to the succession of the su	ents hereby sells, assigns, and tr tire right, title and interest in the L id application, and to the said app ions, reissues, and substitutes of evention for the Protection of Indu any other international agreemer sts the Commissioner of Patents essors, assigns, and legal repres	ransfers unto the said ASSIGNEE, Juited States of America and all plication and to all subsequent said application, and all resulting strial Property, Inter-American ints to which the United States of and Trademarks to issue said entatives. It is understood and

ASSIGNOR hereby agrees to transfer a like interest upon request of said ASSIGNEE, its successors, assigns, and legal representatives, and without further remuneration, in and to any improvements, and applications for patents based thereon, growing out of or related to the said invention:

ASSIGNOR hereby agrees to execute any papers by ASSIGNEE, its successors, assigns, and legal representatives, deemed essential to ASSIGNEE'S full protection and title in and to the invention hereby transferred; and

ASSIGNOR hereby agrees, upon request of ASSIGNEE, and without further remuneration, to execute any and all papers desired by ASSIGNEE, for the filing and granting of foreign applications and the perfecting of title thereto in ASSIGNEE.

AGREED and executed as noted below:				
Legal Name of Additional Joint Inventor, if any:				
(E.g., Given Name (first and middle (if any)) and Family Name or Surname)				
Tim	/ Leonardus Maria	VORAGE		
Inventor's Signature:		Date: 10/09/2018		
		\$5000000000000000000000000000000000000		

I/We acknowledge the duty to disclose information which is material to the patentability of this application as defined in 37 CFR §1.56.

Doc code: Oath

Document Description: Oath or declaration filed **Attorney Docket Number** BHD-4662-3644 First Named Inventor KEESTRA, Beert Jacobus INVENTOR'S DECLARATION AND ASSIGNMENT FOR UTILITY OR DESIGN PATENT APPLICATION (37 CFR 1.63) **USING AN APPLICATION DATA SHEET (37 CFR 1.76)** Declaration Submitted With Initial Filing OR Declaration Submitted After Initial Filing (surcharge (37 C.F.R. § 1.16(f)) required) PRESSURE VESSEL (Title of the Invention) As a below named inventor, I hereby declare that: This declaration is directed to: the attached application, or United States Application Number 16/061,757 filed June 13, 2018 PCT International application number filed on The above-identified application was made or authorized to be made by me. I believe I am the original inventor or an original joint inventor of a claimed invention in the application. I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both. WHEREAS, the undersigned (hereinafter ASSIGNOR), has made an invention in the Application identified above. WHEREAS, DSM IP Assets B.V. (hereinafter ASSIGNEE), an entity, having an office and place of business at Het Overloon 1, Heerlen, Netherlands 6411 TE, is desirous of acquiring an interest therein: NOW, THEREFORE, in consideration of One Dollar (\$1.00) and/or other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the said ASSIGNOR by these presents hereby sells, assigns, and transfers unto the said ASSIGNEE. its successors, assigns, and legal representatives, ASSIGNOR'S entire right, title and interest in the United States of America and all foreign countries, in and to the invention as described in the aforesaid application, and to the said application and to all subsequent applications based thereon including any and all continuations, divisions, reissues, and substitutes of said application, and all resulting patents, together with the right of priority under the International Convention for the Protection of Industrial Property, Inter-American Convention Relating to Patents, Designs and Industrial Models, and any other international agreements to which the United States of America adheres, and the ASSIGNOR hereby authorizes and requests the Commissioner of Patents and Trademarks to Issue said Letters Patent to ASSIGNEE, for its interest as ASSIGNEE, its successors, assigns, and legal representatives. It is understood and agreed that ASSIGNEE'S attorneys Nixon & Vanderhye P.C. have represented only ASSIGNEE and will continue to represent only ASSIGNEE with respect to this invention: ASSIGNOR hereby agrees to transfer a like interest upon request of said ASSIGNEE, its successors, assigns, and legal representatives, and without further remuneration, in and to any improvements, and applications for patents based thereon, growing out of or related to the said invention: ASSIGNOR hereby agrees to execute any papers by ASSIGNEE, its successors, assigns, and legal representatives, deemed essential to ASSIGNEE'S full protection and title in and to the invention hereby transferred; and ASSIGNOR hereby agrees, upon request of ASSIGNEE, and without further remuneration, to execute any and all papers desired by ASSIGNEE, for the filing and granting of foreign applications and the perfecting of title thereto in ASSIGNEE. AGREED and executed as noted below: Legal Name of Additional Joint Inventor, if any:

I/We acknowledge the duty to disclose information which is material to the patentability of this application as defined in 37 CFR §1.56.

Baymardus Wilhelmus Leonardus

LIGTHART

05/07/2018

PATENT REEL: 049197 FRAME: 0254

Godefridus

Inventor's Signature:

(E.g., Given Name (first and middle (if any)) and Family Name or Surname)