PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

SUBMISSION TYPE: NEW ASSIGNMENT NATURE OF CONVEYANCE: ASSIGNMENT

EPAS ID: PAT6745841

CONVEYING PARTY DATA

Name	Execution Date
CHRISTINE MENDROK-EDINGER	01/07/2020
SEBASTIEN MONGIAT	01/08/2020
THOMAS RUDOLPH	01/07/2020

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:	16628797

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: 7038164000

Email: PTOmail@nixonvan.com **Correspondent Name:** BRYAN H. DAVIDSON Address Line 1: NIXON & VANDERHYE P.C.

Address Line 2: 901 NORTH GLEBE ROAD, 11TH FLOOR

Address Line 4: ARLINGTON, VIRGINIA 22203

ATTORNEY DOCKET NUMBER:	PUD 4662 2007
ATTORNET DOCKET NUMBER:	BHD-4662-3907
NAME OF SUBMITTER:	BRYAN H. DAVIDSON
SIGNATURE:	/Bryan H. Davidson/
DATE SIGNED:	06/04/2021
	This document serves as an Oath/Declaration (37 CFR 1.63).

Total Attachments: 3

source=06-04-2021 Combined Declaration and Assignment#page1.tif source=06-04-2021 Combined Declaration and Assignment#page2.tif

PATENT REEL: 056442 FRAME: 0190 506699023

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PATENT REEL: 056442 FRAME: 0191 Doc code: Oath

Document Description: Oath or declaration filed

Attorney Docket Number BHD-4662-3907

First Named Inventor MENDROK-EDINGER, Christine

	First Named Inventor	MENDROK-EDINGER, Christine
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)	
NOVELUS	E	
(Title of the Inver	ition)	d
As a below named inventor, I hereby declare that:		
This declaration is directed to: the attached application, or United States Application Number 16/628,797 filed January 6, PCT International application number filed on	2020, or	
The above-identified application was made or authorized to be made by r	nė.	
I believe I am the original inventor or an original joint inventor of a claimed	I invention in the application	
I hereby acknowledge that any willful false statement made in this declaraby fine or imprisonment of not more than five (5) years, or both.	ition is punishable under 18	U.S.C. 1001
WHEREAS, the undersigned (hereinafter ASSIGNOR), has made an inve	intion in the Application iden	lified 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 petents, 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 Surname)		
Christine Investoria Signatura	MENDROK-EDING	000000000000000000000000000000000000000
Inventor's Signature:	Date:	(ONON

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-4662-3907	
	First Named Inventor	MENDROK-EDINGER, Christine	
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)			
NOVEL US	3E		
(Title of the Inve	ntion)	······	
As a below named inventor, I hereby declare that:			
This declaration is directed to: ☐ the attached application, or ☑ United States Application Number 16/628,797 filed January 6, ☐ PCT International application number filed on	, 2020 , or		
The above-identified application was made or authorized to be made by r	me.		
I believe I am the original inventor or an original joint inventor of a claime	d invention in the application	,	
I hereby acknowledge that any willful false statement made in this declaraby fine or imprisonment of not more than five (5) years, or both.	ation is punishable under 18	U.S.C. 1001	
WHEREAS, the undersigned (hereinafter ASSIGNOR), has made an inverted with the control of the co	good and valuable considers hereby sells, assigns, and tright, title and interest in the Uplication, and to the said appressues, and substitutes of ion for the Protection of Industries of Patents and Said Said Said Said Said Said Said Sai	siness at Het Overloon 1, Heerlen, stion, the receipt and sufficiency of ansfers unto the said ASSIGNEE, Inited States of America and all elication and to all subsequent said application, and all resulting strial Property, Inter-American stis to which the United States of and Trademarks to issue said entatives. It is understood and will continue to represent only assigns, and legal atents based thereon, growing out representatives, deemed essential eany and all papers desired by	
Legal Name of Additional Joint Inventor, if any: (E.g., Given Name (first and middle (if any)) and Family Name or Surnam	ne)	000000000000000000000000000000000000000	

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

Sebastien

Inventor's Signature:

MONGIAT

Doc code: Oath

Document Description: Oath or declaration filed

Attorney Docket Number BHD-4662-3907
MENDROK-EDINGER,

	First Named Inventor	MENDROK-EDINGER, Christine
INVENTOR'S DECLARATION AND ASSIGNMENT FOR UTILITY USING AN APPLICATION DATAS		PPLICATION (37 CFR 1.63)
Declaration Submitted With Initial Filing	meet (or or it into	
OR		
Declaration Submitted After Initial Filing (surcharge (37 C.F.R. §	1.16(f)) required)	
NOVEL USE		
(Title of the Invention	n)	
As a below named inventor, I hereby declare that:		
This declaration is directed to: ☐ the attached application, or ☐ United States Application Number 16/628,797 filed on January 6, 20 ☐ PCT International application number filed on .	020, or	
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 in	vention in the application.	
I hereby acknowledge that any willful false statement made in this declaration by fine or imprisonment of not more than five (5) years, or both.	n is punishable under 18 U.	S.C. 1001
WHEREAS, the undersigned (hereinafter ASSIGNOR), has made an invention	on in the Application identific	ed above.
WHEREAS, DSM IP Assets B.V. (hereinafter ASSIGNEE), an entity, having Netherlands, 6411 TE, is desirous of acquiring an interest therein;	an office and place of busin	ess at Het Overloon 1, Heerlen,
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 AS representatives, and without further remuneration, in and to any improvement 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)	DUDAL TO	
Thomas Inventor's Signature: //	RUDOLPH Date:	
Inventor's Signature: Process Pidal	7.1.202	>

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

PATENT REEL: 056442 FRAME: 0194