506584639 03/30/2021

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6631421

SUBMISSION TYPE:		NEW ASSIGNMENT		
NATURE OF CONVEYANCE:		ASSIGNMENT	ASSIGNMENT	
CONVEYING PARTY DA	TA			
		Name	Execution Date	
NICHOLAS ROSCIOLI			11/02/2020	
JULIA INNAMORATO			11/02/2020	
JAMES KOLB			11/05/2020	
RACHEL DICHTER			11/02/2020	
DAMIAN HEINZ			11/02/2020	
	ΓΑ			
Name:		PASSETS B.V.		
Street Address:	HET OVERLOON 1			
City:	HEERLEN			
State/Country:	NETHERLANDS			
Postal Code:	6411 TE			
PROPERTY NUMBERS	Total: 1			
PROPERTY NUMBERS	Total: 1			
Property Type		Number		
Property Type		Number 29756896		
Property Type Application Number:				
Property Type Application Number: CORRESPONDENCE D/	ATA	29756896		
Property Type Application Number: CORRESPONDENCE D/ Fax Number: Correspondence will be	ATA e sent to	29756896 (703)816-4100 • the e-mail address first; if that is unsuc		
Property Type Application Number: CORRESPONDENCE DA Fax Number: Correspondence will be using a fax number, if p	ATA e sent to provided	29756896 (703)816-4100 The e-mail address first; if that is unsuc I; if that is unsuccessful, it will be sent vi		
Property Type Application Number: CORRESPONDENCE DA Fax Number: Correspondence will be using a fax number, if p Phone:	ATA e sent to provided	29756896 (703)816-4100 o the e-mail address first; if that is unsuce I; if that is unsuccessful, it will be sent vi 7038164000		
Property Type Application Number: CORRESPONDENCE DA Fax Number: <i>Correspondence will be using a fax number, if p</i> Phone: Email:	ATA e sent to rovided	29756896 (703)816-4100 <i>the e-mail address first; if that is unsuce</i> <i>if that is unsuccessful, it will be sent vi</i> 7038164000 PTOmail@nixonvan.com		
Property Type Application Number: CORRESPONDENCE DA Fax Number: Correspondence will be using a fax number, if p Phone: Email: Correspondent Name:	ATA e sent to rovided	29756896 (703)816-4100 o the e-mail address first; if that is unsuce i; if that is unsuccessful, it will be sent vi 7038164000 PTOmail@nixonvan.com BRYAN H. DAVIDSON		
Property Type Application Number: CORRESPONDENCE DA Fax Number: Correspondence will be using a fax number, if p Phone: Email: Correspondent Name: Address Line 1:	ATA e sent to rovided	29756896 (703)816-4100 <i>the e-mail address first; if that is unsuce</i> <i>; if that is unsuccessful, it will be sent vi</i> 7038164000 PTOmail@nixonvan.com BRYAN H. DAVIDSON NIXON & VANDERHYE P.C.		
Property Type Application Number: CORRESPONDENCE DA Fax Number: Correspondence will be using a fax number, if p Phone: Email: Correspondent Name: Address Line 1: Address Line 2:	ATA e sent to rovided	29756896 (703)816-4100 o the e-mail address first; if that is unsuce i; if that is unsuccessful, it will be sent vi 7038164000 PTOmail@nixonvan.com BRYAN H. DAVIDSON		
Application Number: CORRESPONDENCE DA Fax Number: Correspondence will be using a fax number, if p Phone: Email: Correspondent Name: Address Line 1: Address Line 2: Address Line 4:	ATA e sent to provided	29756896 (703)816-4100 o the e-mail address first; if that is unsuce i; if that is unsuccessful, it will be sent vi 7038164000 PTOmail@nixonvan.com BRYAN H. DAVIDSON NIXON & VANDERHYE P.C. 901 NORTH GLEBE ROAD, 11TH FLOOR		
Property Type Application Number: CORRESPONDENCE D/ Fax Number: Correspondence will be using a fax number, if p Phone: Email: Correspondent Name: Address Line 1: Address Line 2: Address Line 4:	ATA e sent to provided	(703)816-4100 the e-mail address first; if that is unsuce if that is unsuccessful, it will be sent vi 7038164000 PTOmail@nixonvan.com BRYAN H. DAVIDSON NIXON & VANDERHYE P.C. 901 NORTH GLEBE ROAD, 11TH FLOOR ARLINGTON, VIRGINIA 22203		
Property Type Application Number: CORRESPONDENCE DA Fax Number: Correspondence will be using a fax number, if p Phone: Email: Correspondent Name: Address Line 1: Address Line 2:	ATA e sent to provided	29756896 (703)816-4100 o the e-mail address first; if that is unsuce I; if that is unsuccessful, it will be sent vi 7038164000 PTOmail@nixonvan.com BRYAN H. DAVIDSON NIXON & VANDERHYE P.C. 901 NORTH GLEBE ROAD, 11TH FLOOR ARLINGTON, VIRGINIA 22203 BHD-6651-0010		
Property Type Application Number: CORRESPONDENCE DA Fax Number: Correspondence will be using a fax number, if p Phone: Email: Correspondent Name: Address Line 1: Address Line 2: Address Line 2: Address Line 4: ATTORNEY DOCKET NU	ATA e sent to provided	29756896 (703)816-4100 o the e-mail address first; if that is unsuce I; if that is unsuccessful, it will be sent vi 7038164000 PTOmail@nixonvan.com BRYAN H. DAVIDSON NIXON & VANDERHYE P.C. 901 NORTH GLEBE ROAD, 11TH FLOOR ARLINGTON, VIRGINIA 22203 BHD-6651-0010 BRYAN H. DAVIDSON		

Total Attachments: 5	
source=03-30-2021_Combined_Declaration_and_Assignment#page1.tif	
source=03-30-2021_Combined_Declaration_and_Assignment#page2.tif	
source=03-30-2021_Combined_Declaration_and_Assignment#page3.tif	
source=03-30-2021_Combined_Declaration_and_Assignment#page4.tif	
source=03-30-2021_Combined_Declaration_and_Assignment#page5.tif	

Document Description: Oath or declaration filed

	Attorney Docket Number	BHD-6651-0010	
	First Named Inventor	ROSCIOLI, Nicholas	
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			
Declaration Submitted After Initial Filing (surcharge (37 C.F.R.	§ 1.16(f)) required)		
BONE VOID FI	LLER		
(Title of the Inver	tion)		
As a below named inventor, I hereby declare that:			
This declaration is directed to: ☐ the attached application, or ⊠ United States Application Number 29/756,896 filed October 30 ☐ PCT International application number filed on	, 2020		
The above-identified application was made or authorized to be made by n	10.		
I believe I am the original inventor or an original joint inventor of a claimed	I invention in the application	x	
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, havi Heerlen, Netherlands 6411 TE, is desirous of acquiring an interest therei		siness at Het Overloon 1, ,	
NOW, THEREFORE, in consideration of One Dollar (\$1.00) and/or other which are hereby acknowledged, the said ASSIGNOR by these presents its successors, assigns, and legal representatives, ASSIGNOR'S entire ri- foreign countries, in and to the invention as described in the aforesaid app applications based thereon including any and all continuations, divisions, patents, together with the right of priority under the International Conventi Convention Relating to Patents, Designs and Industrial Models, and any of America adheres, and the ASSIGNOR hereby authorizes and requests th Letters Patent to ASSIGNEE, for its interest as ASSIGNEE, its successor agreed that ASSIGNEE'S attorneys Nixon & Vanderhye P.C. have repres ASSIGNEE with respect to this invention;	hereby sells, assigns, and tr ght, title and interest in the L plication, and to the said app reissues, and substitutes of on for the Protection of Indu other international agreemer e Commissioner of Patents s, assigns, and legal represe	ansfers unto the said ASSIGNEE, Jnited States of America and all plication and to all subsequent said application, and all resulting strial Property, Inter-American its 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 representatives, and without further remuneration, in and to any improven 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:	- A		
(E.g., Given Name (first and middle (if any)) and Family Name or Surname) Nicholas ROSCIOLI			
Inventor's Signature:	Data	020 1 2-20-44 pp FCT	
Mcholas Koscioli	UZ-NOV-Z	020 3:39:44 PM EST	
49C3F2F130ED3410			

Document Description: Oath or declaration filed

	Attorney Docket Number BHD-6651-0010			
	First Named Inventor ROSCIOLI, Nicholas			
INVENTOR'S DECLARATION AND ASSIGNMENT FOR UTILITY OR DESIGN PATENT APPLICATION (37 CFR 1.63)				
USING AN APPLICATION DATA	SHEET (37 CFH 1.76)			
OR Declaration Submitted After Initial Filing (surcharge (37 C.F.R. § 1.16(f)) required)				
BONE VOID FI				
(Title of the Inven				
As a below named inventor, I hereby declare that:				
This declaration is directed to:				
the attached application, or				
 United States Application Number 29/756,896 filed October 30 PCT International application number filed on), 2020			
The above-identified application was made or authorized to be made by m	ne.			
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 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 inve	ntion 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 of which are hereby acknowledged, the said ASSIGNOR by these presents it its successors, assigns, and legal representatives, ASSIGNOR'S entire rig foreign countries, in and to the invention as described in the aforesaid app applications based thereon including any and all continuations, divisions, it patents, together with the right of priority under the International Convention Convention Relating to Patents, Designs and Industrial Models, and any of America adheres, and the ASSIGNOR hereby authorizes and requests the Letters Patent to ASSIGNEE, for its interest as ASSIGNEE, its successors agreed that ASSIGNEE'S attorneys Nixon & Vanderhye P.C. have represent ASSIGNEE with respect to this invention;	hereby sells, assigns, and transfers unto the said ASSIGNÉE, ght, title and interest in the United States of America and all plication, and to the said application and to all subsequent reissues, and substitutes of said application, and all resulting on for the Protection of Industrial Property, Inter-American other international agreements to which the United States of e Commissioner of Patents and Trademarks to issue said s, assigns, and legal representatives. It is understood and			
ASSIGNOR hereby agrees to transfer a like interest upon request of said representatives, and without further remuneration, in and to any improven 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) Julia INNAMORATO				
Inventor's Signature: Country Docusigned by:	Nato:			
Julia Innamorato	02-Nov-2020 3:40:49 PM EST			
5/91A0774938446				

Document Description: Oath or declaration filed

	Attorney Docket Number	BHD-6651-0010			
	First Named Inventor	ROSCIOLI, Nicholas			
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					
Declaration Submitted After Initial Filing (surcharge (37 C	.F.R. § 1.16(f)) required)				
BONE VO	BONE VOID FILLER				
(Title of the	a Invention)				
As a below named inventor, I hereby declare that:					
This declaration is directed to: the attached application, or United States Application Number 29/756,896 filed Octob PCT International application number filed on	er 30, 2020				
The above-identified application was made or authorized to be made	e by me.				
I believe I am the original inventor or an original joint inventor of a cl	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: (E.g., Given Name (first and middle (if any)) and Family Name or Surname)					
James KOLB					
Inventor's Signature:	0.11	20 8:07:38 AM EST			

	Attorney Docket Number	BHD-6651-0010		
	First Named Inventor	ROSCIOLI, Nicholas		
INVENTOR'S DECLARATION AND ASSIGNMENT FOR UTILITY OR DESIGN PATENT APPLICATION (37 CFR 1.63)				
USING AN APPLICATION DATA S	SHEET (37 CFR 1.76)			
OR				
Declaration Submitted After Initial Filing (surcharge (37 C.F.R. §	1.16(f)) required)			
BONE VOID FILI	BONE VOID FILLER			
(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 29/756,896 filed October 30, 1 	2020			
PCT International application number filed on	2020			
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		• • • • • • • •		
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 go which are hereby acknowledged, the said ASSIGNOR by these presents he its successors, assigns, and legal representatives, ASSIGNOR'S entire right foreign countries, in and to the invention as described in the aforesaid applic applications based thereon including any and all continuations, divisions, rei patents, together with the right of priority under the International Convention Convention Relating to Patents, Designs and Industrial Models, and any oth America adheres, and the ASSIGNOR hereby authorizes and requests the C Letters Patent to ASSIGNEE, for its interest as ASSIGNEE, its successors, agreed that ASSIGNEE'S attorneys Nixon & Vanderhye P.C. have represen ASSIGNEE with respect to this invention;	reby sells, assigns, and tran t, title and interest in the Unit ation, and to the said applic ssues, and substitutes of sa for the Protection of Industr er international agreements Commissioner of Patents an assigns, and legal represent	sfers unto the said ASSIGNEE, ted States of America and all ation and to all subsequent id application, and all resulting ial Property, Inter-American to which the United States of d Trademarks to issue said atives. 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) Rachel DICHTER				
Inventor's Signature:				
Rachel Dichter	02-Nov-2020) 1:12:23 PM PST		

	N24m	
	Attorney Docket Number	BHD-6651-0010
	First Named Inventor	ROSCIOLI, Nicholas
INVENTOR'S DECLARATION AND ASSIGNMENT FOR UTILIT		PPLICATION (37 CFR 1.63)
USING AN APPLICATION DATA USING AN APPLICATION DATA OR OR	SHEET (37 CFN 1.70)	
Declaration Submitted After Initial Filing (surcharge (37 C.F.R.	§ 1.16(f)) required)	
BONE VOID FI	LLER	
(Title of the Inver	tion)	
As a below named inventor, I hereby declare that:		
This declaration is directed to:		
 ☐ the attached application, or ☑ United States Application Number 29/756,896 filed October 30 	, 2020	
PCT International application number filed on .		
The above-identified application was made or authorized to be made by m	e.	
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 declarately by fine or imprisonment of not more than five (5) years, or both.	tion is punishable under 18 U.	S.C. 1001
WHEREAS, the undersigned (hereinafter ASSIGNOR), has made an inve	ntion in the Application identifi	ed above.
WHEREAS, DSM IP Assets B.V. (hereinafter ASSIGNEE), an entity, havir Heerlen, Netherlands 6411 TE, is desirous of acquiring an interest therein		ess at Het Overloon 1, ,
NOW, THEREFORE, in consideration of One Dollar (\$1.00) and/or other of which are hereby acknowledged, the said ASSIGNOR by these presents h its successors, assigns, and legal representatives, ASSIGNOR'S entire rig foreign countries, in and to the invention as described in the aforesaid app applications based thereon including any and all continuations, divisions, r patents, together with the right of priority under the International Conventio Convention Relating to Patents, Designs and Industrial Models, and any of America adheres, and the ASSIGNOR hereby authorizes and requests the Letters Patent to ASSIGNEE, for its interest as ASSIGNEE, its successors agreed that ASSIGNEE'S attorneys Nixon & Vanderhye P.C. have represen- ASSIGNEE with respect to this invention;	nereby sells, assigns, and tran ht, title and interest in the Unit lication, and to the said applic eissues, and substitutes of sa on for the Protection of Industri ther international agreements c Commissioner of Patents and s, assigns, and legal represent	sfers unto the said ASSIGNEE, ted States of America and all ation and to all subsequent id application, and all resulting al Property, Inter-American to which the United States of d Trademarks to issue said atives. It is understood and
ASSIGNOR hereby agrees to transfer a like interest upon request of said representatives, and without further remuneration, in and to any improvem of or related to the said invention;		
ASSIGNOR hereby agrees to execute any papers by ASSIGNEE, its succ to ASSIGNEE'S full protection and title in and to the invention hereby trans		resentatives, deemed essential
ASSIGNOR hereby agrees, upon request of ASSIGNEE, and without furth ASSIGNEE, for the filing and granting of foreign applications and the perfe		
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	4'	
Damian Inventor's Signature: DocuSigned by:	HEINZ Date:	
morene solutiones P House	02-Nov-202	0 3:39:44 PM EST

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

RECORDED: 03/30/2021