503880161 06/20/2016

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3926810

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
RUDY RULKENS	01/07/2016
ERIC GROLMAN	01/07/2016
GEERT ADELINA RUDOLF VANDEN POEL	01/05/2016
RENIER HENRICUS MARIA KIERKELS	01/05/2016
THEO JOSEPH CUYPERS	01/05/2016
CONSTANTINE D. PAPASPYRIDES	01/07/2016
ATHANASIOS D. PORFYRIS	01/07/2016

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:	14899404

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:	BHD-4662-3142
NAME OF SUBMITTER:	BRYAN H. DAVIDSON
SIGNATURE:	/Bryan H. Davidson/
DATE SIGNED:	06/20/2016

PAIENI REEL: 038962 FRAME: 0628 503880161

This document serves as an Oath/Declaration (37 CFR 1.63).

Total Attachments: 7

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PATENT REEL: 038962 FRAME: 0629

Doc code: Oath		
Document Description: Oath or declaration filed	Attorney Docket Number	BHD-4662-3142
	First Named Inventor	RULKENS, Rudy
INVENTOR'S DECLARATION AND ASSIGNMENT FOR UTILITY O USING AN APPLICATION DATA SH Declaration Submitted With Initial Filing OR	R DESIGN PATENT APPL EET (37 CFR 1.76)	
Declaration Submitted After Initial Filing (surcharge (37 C.F.R. § 1.	16(f)) required)	
PROCESS FOR PRODUCING A SEMI-AROMATIC SEM	-CRYSTALLINE POLYAN	NDE
(Title of the Invention)		j
As a below named inventor, I hereby declare that:		
This declaration is directed to: the attached application, or United States Application Number 14/899,404 filed December 17, 2 PCT International application number filed on	2015, 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 inve	ntion in the application.	
I hereby acknowledge that any willful false statement made in this declaration is by fine or imprisonment of not more than five (5) years, or both.		1001
WHEREAS, the undersigned (hereinafter ASSIGNOR), has made an invention	in the Application identified a	bove.
WHEREAS, DSM IP Assets B.V. (hereinafter ASSIGNEE), a corporation of the of business at Patent Department, Het Overloon 1, Heerlen, Netherlands NL-64	Country of The Netherlands, 411, is desirous of acquiring a	having an office and place n interest therein;
NOW, THEREFORE, in consideration of Ten Dollars (\$10.00) and/or other goo of which are hereby acknowledged, the said ASSIGNOR by these presents her ASSIGNEE, its successors, assigns, and legal representatives, ASSIGNOR'S and Assigned and all foreign countries, in and to the invention as described in the affective subsequent applications based thereon including any and all continuations, did all resulting patents, together with the right of priority under the International Conference of American Convention Relating to Patents, Designs and Industrial Models, and States of America adheres, and the ASSIGNOR hereby authorizes and request said Letters Patent to ASSIGNEE, for its interest as ASSIGNEE, its successors agreed that ASSIGNEES attorneys Nixon & Vanderhye P.C. have represented ASSIGNEE with respect to this invention;	eby sells, assigns, and transfentire right, title and interest in presaid application, and to the isions, reissues, and substitut invention for the Protection of any other international agreer is the Commissioner of Patent, assigns, and legal represent only ASSIGNEE and will con	ers unto the said the United States of said application and to all es of said application, and Industrial Property, Inter- nents to which the United ts and Trademarks to issue tatives. It is understood and tinue to represent only
ASSIGNOR hereby agrees to transfer a like interest upon request of said ASSI representatives, and without further remuneration, in and to any improvements, of or related to the said invention;	GNEE, its successors, assign and applications for patents l	s, and legal based thereon, growing out
ASSIGNOR hereby agrees to execute any papers by ASSIGNEE, its successor to ASSIGNEE'S full protection and title in and to the invention hereby transferre	rs, assigns, and legal represe	ntatives, deemed essential

AGREED and executed as noted below:	
LEGAL NAME OF INVENTOR/JOINT INVENTOR:	HERE REPORTED DE SERVICIO DE LA CONTRACTION DE
(E.g., Given Name (first and middle (if any)) and Family Name or Surname)	
Rudy	RULKENS
Inventor's Signature:	Date: 07.0/.20/6

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.

Doc code: Oath

Document Description: Oath or declaration filed

Attorney Docket Number BHD-4662-3142 RULKENS, Rudy First Named Inventor 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) PROCESS FOR PRODUCING A SEMI-AROMATIC SEMI-CRYSTALLINE POLYAMIDE (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 14/899,404 filed December 17, 2015, or 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), a corporation of the Country of The Netherlands, having an office and place of business at Patent Department, Het Overloon 1, Heerlen, Netherlands NL-6411, is desirous of acquiring an interest therein; NOW, THEREFORE, in consideration of Ten Dollars (\$10.00) 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 Surname) GROLMAN Lucus Inventor's Signature: Date:

Doc code: Oath Document Description: Oath or declaration filed

Attorney Docket Number BHD-4662-3142

	Attorney	DOCKAL MANIDAL	DITOTOGETOTAL		
	First Nan	ned Inventor	RULKENS, Rudy		
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)					
PROCESS FOR PRODUCING A SEMI-AROMATIC SEM	II-CHYSTA	LLINE POLYAN	MDE		
(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 14/899,404 filed December 17, PCT International application number filed on	2015, 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 inve	ention 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.	is punishabi	le under 18 U.S.C.	. 1001		
WHEREAS, the undersigned (hereinafter ASSIGNOR), has made an invention	n in the Appl	ication identified a	dove.		
	WHEREAS, DSM IP Assets B.V. (hereinafter ASSIGNEE), a corporation of the Country of The Netherlands, having an office and place of business at Patent Department, Het Overloon 1, Heerlen, Netherlands NL-6411, is desirous of acquiring an interest therein:				
NOW, THEREFORE, in consideration of Ten Dollars (\$10.00) and/or other gor of which are hereby acknowledged, the said ASSIGNOR by these presents he ASSIGNEE, its successors, assigns, and legal representatives, ASSIGNOR'S America and all foreign countries, in and to the invention as described in the a subsequent applications based thereon including any and all continuations, directly all resulting patents, together with the right of priority under the International Concentration Relating to Patents, Designs and Industrial Models, and States of America adheres, and the ASSIGNOR hereby authorizes and requestaid Letters Patent to ASSIGNEE, for its interest as ASSIGNEE, its successor agreed that ASSIGNEE'S attorneys Nixon & Vanderhye P.C. have represented ASSIGNEE with respect to this invention;	ereby sells, a entire right, foresald app visions, relst onvention for any other in sts the Com-	assigns, and transititle and interest in blication, and to the sues, and substitution or the Protection or thernational agree- missioner of Pater and legal represen	fers unto the said in the United States of e said application and to all tes of said application, and f Industrial Property, Inter- ments to which the United its and Trademarks to issue itatives. It is understood and		
ASSIGNOR hereby agrees to transfer a like interest upon request of said ASS representatives, and without further remuneration, in and to any improvements 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 reASSIGNEE, for the filing and granting of foreign applications and the perfecting	emuneration g of title the	i, to execute any a reto in ASSIGNEE	nd all papers desired by 		
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) Geert Adelina Rudolf		VA	NDEN POEL		
Inventor's Signature:		Date:			
The state of the s		05 - 04	- 2016		

Doc code: Oath Document Description: Oath or declaration filed

Attorney Docket Number BHD-4662-3142

	1	200.000.000	1 5115 4002 5142		
	First Nan	ned Inventor	RULKENS, Rudy		
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)				
PROCESS FOR PRODUCING A SEMI-AROMATIC SEM	M-CRYSTA	LLINE POLYA	MIDE		
(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 14/899,404 filed December 17, PCT International application number filed on	2015, 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 inv	rention in the	application.			
I hereby acknowledge that any willful false statement made in this declaration	is punishabl	e under 18 U.S.0	0. 1001		
by fine or imprisonment of not more than five (5) years, or both.			WWW.constructions.com	0000000000000000	
WHEREAS, the undersigned (hereinafter ASSIGNOR), has made an inventio	n in the Appl	ication identified	above.		
WHEREAS, DSM IP Assets B.V. (hereinafter ASSIGNEE), a corporation of the of business at Patent Department, Het Overloon 1, Heerlen, Netherlands NL-6	ie Country of 6411, is desi	The Netherlands rous of acquiring	i, having an office and an interest therein;	place	
NOW, THEREFORE, in consideration of Ten Dollars (\$10.00) 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 aforesald 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;				f to all n, and inter- nited o issue ood 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;			ng out		
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 filling 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)					
Renier Henricus Maria			KIERKELS		
Inventor's Signature:		Date:	1, /	h	
The second secon	l	5-1-	7 O		

Occidente Contra	ing di salah s Salah salah sa	and the second of the second o
Document Description: Oath or declaration filed	Alterney Docker Number	BHD-4662-3142
마스 프로그램 (1985년 - 1985년 - 1985 1986년 - 1987년	First Named Inventor	RULKENS, Rudy
INVENTOR'S DECLARATION AND ASSIGNMENT FOR U USING AN APPLICATION I Declaration Submitted With Initial Filing OR Declaration Submitted After Initial Filing (surcharge (37.0)	DATA SHEET (37 CFR 1.76)	LICATION (37 CFR 1.83)
PROCESS FOR PRODUCING A SEMI-AROMA	TIC SEMI-CRYSTALLINE POLYA	attention to the contract of t
Tals of the level	adenda kirak penang ana rahi sa manana dan penangai kan danahan mengan sekerasan 1975, mai sa sekera HI (AN)	with a the a th a
As a below named inventor, I hereby declare that:	경에 발표하는 경기를 보고 있다. 유명하는 경기를 보고 있는 것들이 되었다.	
This declaration is directed to: The attached application, or United States Application Number 14/899 404 filed Decer PCT international application number filed on	mber 17, 2015, or	
The above identified application was made or authorized to be made	4.17.409	
I believe I am the original inventor or an original joint inventor of a cl	이번 달라 나는 왜 없는 그것만 한 사람들은 그는 그는 이렇게 하셨다. 그렇게 가장하는 한 속에는 한 것이라는 것이었다.	
I hereby acknowledge that any wilful false statement made in this d by fine or impresonment of not more than five (5) years, or both.	eclaration is punishable under 16 U.S.C	
WHEREAS, the undersigned (hereinafter ASSIGNOR), has made a	n lovention in the Application identified:	XXXVQ
WHEREAS OSM IP Assets B.V. (hereinafter ASSIGNEE), a corpor of business at Patent Department, Het Overfoon 1, Heerlen, Netherl	ation of the Country of The Netherlands ands NC \$411, is desirtus of acquiring	, having an office and place an interest therein;
NOW, THEREFORE, in consideration of ten Dollars (\$10.00) and/of which are hereby acknowledged, the said ASSIGNOR by these p ASSIGNEE, its successors, assigns, and legal representatives, ASS America and all foreign countries, in and to the invention as dissorbly subsequent applications based thereon including any and all continuations are the later.	resorts hereby sells, essigns, and trans HGNOP'S entire right, title and interest and in the atomisald application, and to the Lations, divisions, reasons, and substitu-	fers ento the said in the United States of le anid application and to all ites of said application, and

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 & Vandernye P.C. have represented only ASSIGNEE and will continue to represent only.

representatives, and without further remuneration, in and to any improvements, and applications for patents based thereon, growing out

ASSIGNOR hereby agrees to execute any papers by ASSIGNEE, its successors, assigns, and legal representatives, deemed assential

ASSIGNOR hereby agrees, upon request of ASSIGNEE, and without further remoneration, to execute any and all papers desired by

Joseph

ASS:GNCH hereby agrees to transfer a like interest upon request of said ASS:GNEE, its excessors, assigns, and legal

ASSIGNEE, for the filing and grenting of foreign applications and the perfecting of title thereto in ASSIGNEE.

to ASSIGNEE'S full protection and title in and to the invention hereby transferred, and

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

ASSIGNEE with respect to this invention:

AGREED and executed as noted below:

Legal Name of Additional Joint Inventor, if any:

of or related to the said invention:

loventur's. Signature: 5-7-2016

Doc ender Oath Document Description: Oath or declaration filed BHD-4662-3142 Attorney Docket Number RULKENS, Rudy First Named Inventor 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 RO Declaration Submitted After Initial Filing (surcharge (37 C.F.R. § 1.16(f)) required) process for producing a semi-aromatic semi-crystalline polyamide (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 14/899,404 filed December 17, 2015, or 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. Thereby 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), a corporation of the Country of The Netherlands, having an office and place of business at Patent Department, Het Overloon 1, Heerlen, Netherlands NL-6411, is desirous of acquiring an interest therein; NOW, THEREFORE, in consideration of Ten Dollars (\$10.00) 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 filling and granting of foreign applications and the perfecting of title thereto in ASSIGNEE.

AGREED and exe	cuted sa petus	below:		
Legal Name of Ad	ldkjónal Joint Ir	iventor, if any:		
(E.g., Given Name (f	irst and middle (if a	any)) and Family Name or Surname)		
Const	laritine A	D.	PAPASE	PYRIDES
Inventor's Signature:	Kell		Date: Jaynory	7+4 2016
n terrente de la companya de la comp				

Doc code: Oath

Document Description: Oath or declaration filed

BHD-4662-3142 Attorney Docket Number RULKENS, Rudy First Named Inventor 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) PROCESS FOR PRODUCING A SEMI-AROMATIC SEMI-CRYSTALLINE POLYAMIDE (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 14/899,404 filed December 17, 2015, or 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), a corporation of the Country of The Netherlands, having an office and place of business at Patent Department, Het Overloon 1, Heerlen, Netherlands NL-6411, is desirous of acquiring an interest therein; NOW, THEREFORE, in consideration of Ten Dollars (\$10.00) 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 filling 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) Athanasios D. **PORFYRIS** Inventors 7/1/2016 Signature:

> PATENT REEL: 038962 FRAME: 0636

RECORDED: 06/20/2016