# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4041859

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
IRMGARD IMMIG	06/08/2016
WOLFGANG STEINBERG	06/08/2016
JOSEPH MC GRATH	08/15/2016

### **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:	15102316

### 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-4662-3238
NAME OF SUBMITTER:	BRYAN H. DAVIDSON
SIGNATURE:	/Bryan H. Davidson/
DATE SIGNED:	09/07/2016
This document serves as an Oath/Declaration (37 CFR 1.63).	

## **Total Attachments: 3**

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**PATENT REEL: 039664 FRAME: 0169** 503995202

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PATENT REEL: 039664 FRAME: 0170

Doc code: Oath Document Description: Oath or declaration filed		
**************************************	Attorney Docket Number	BHD-4662-3238
	First Named Inventor	IMMIG, inmgard
INVENTOR'S DECLARATION AND ASSIGNMENT FOR UTILITY  USING AN APPLICATION DATA S  Declaration Submitted With Initial Filing  OR  Declaration Submitted After Initial Filing (surcharge (37 C.F.R. §	HEET (37 CFR 1.76)	LICATION (37 CFR 1.63)
NOVEL USE OF BIOTIN AND NATURAL ESSENTIAL OILS	S FOR BOVINE ANIMALS F	FOR THE
(Title of the Invention)	error and a state of the first of the state and the state of the state	TOTOTOTO TO 19.7% (Albada aliah da afi dagina da 1961 ATTINISTO AND
As a below named inventor, I hereby declare that:		
This declaration is directed to:  the attached application, or United States Application Number 15/102,316 filed June 7, 2016, PCT International application number filed on	OF	
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 identified a	industrial and the second and the se
WHEREAS, DSM IP Assets B.V. (hereinafter ASSIGNEE), an entity, having Netherlands, NL-6411 TE, is desirous of acquiring an interest therein;	an office and place of business	at Het Overloon 1, Heerlen,
NOW, THEREFORE, in consideration of Ten Dollars (\$10.00) and/or other g of which are hereby acknowledged, the said ASSIGNOR by these presents I ASSIGNEE, its successors, assigns, and legal representatives, ASSIGNOR' America and all foreign countries, in and to the invention as described in the subsequent applications based thereon including any and all continuations, all resulting patents, together with the right of priority under the International American Convention Relating to Patents. Designs and Industrial Models, ar States of America adheres, and the ASSIGNOR hereby authorizes and requisaid Letters Patent to ASSIGNEE, for its interest as ASSIGNEE, its successful agreed that ASSIGNEE'S attorneys Nixon & Vanderhye P.C. have represent ASSIGNEE with respect to this invention;	nereby sells, assigns, and trans S entire right, title and interest i aforesald application, and to the divisions, reissues, and substitu Convention for the Protection of any other international agree ests the Commissioner of Pate ors, assigns, and legat represer	fers unto the said in the United States of e said application and to all ites of said application, and it Industrial Property, Inter- ments to which the United ints and Trademarks to issue itatives. It is understood and
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 succes to ASSIGNEE'S full protection and title in and to the invention hereby transfe		entatives, deemed essential
ASSIGNOR hereby agrees, upon request of ASSIGNEE, and without further ASSIGNEE, for the filing and granting of foreign applications and the perfect		
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)	THE CONTRACT OF THE CONTRACT OF THE PROPERTY OF THE CONTRACT O	том не том не
Irmgard		IMMIG
Inventor's Signature: / / /	Date:	atas, nin tampunatan peranggan ngapan kera sajaan paranjah kerintriah hang interior peranggan ngapa Ata

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-4662-3238
	First Named Inventor	IMMIG, Irmgard
INVENTOR'S DECLARATION AND ASSIGNMENT FOR UTILITY O  USING AN APPLICATION DATA SH  Declaration Submitted With Initial Filing  OR	IEET (37 CFR 1.76)	ICATION (37 CFR 1.63)
Declaration Submitted After Initial Filing (surcharge (37 C.F.R. § 1	. TO(11) TEQUIEC)	richt werden gegen werden proud voor der der gewonne gegenen versigt werd v. end E. De stellen der gegene gegenen gewon zu der der werden versigt werden der gewonne versigt werden son gegen met deutsche versigt werden versigt werde
NOVEL USE OF BIOTIN AND NATURAL ESSENTIAL OILS FOR BOVINE ANIMALS FOR THE PREVENTION AND TREATMENT OF KETOSIS		
(Title of the Invention)	erine se ration sharesetan se shir until als denes de la rational als rations de la contraction de la	appropriesse program por program de la contractiva de la describente en 1800 e
As a below named inventor, I hereby declare that:		
This declaration is directed to:  the attached application, or United States Application Number 15/102,316 filed June 7, 2016, 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 inveit to be fine or imprisonment of not more than five (5) years, or both.	antion in the application.	1001
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, NL-6411 TE, is desirous of acquiring an interest therein;		
NOW, THEREFORE, in consideration of Ten Dollars (\$10.00) and/or other god 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 assubsequent applications based thereon including any and all continuations, dis all resulting patents, together with the right of priority under the International C 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 successor agreed that ASSIGNEE'S attorneys Nixon & Vanderhye P.C. have represented ASSIGNEE with respect to this invention;	reby sells, assigns, and transt entire right, trile and interest in foresaid application, and to the visions, reissues, and substitution on the Protection of any other international agrees the Commissioner of Paters, assigns, and legal represent only ASSIGNEE and will cortain.	ers unto the said  I the United States of  I said application and to all  I tes of said application, and  I Industrial Property, Inter- ments to which the United  Its and Trademarks to issue tatives. It is understood and  Itinue to represent only
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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)			
Wolfgan	3	STEINBERG	
Inventor's Signature:	n. Wolfgung Reinberg	Date: /zww. 8-2016	

I/Ve 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-4662-3238		
	First Named Inventor	IMMIG. Irmgard		
INVENTOR'S DECLARATION AND ASSIGNMENT FOR UTILITY OR DESIGN PATENT APPLICATION (37 CFR 4.63) USING AN APPLICATION DATA SHEET (37 CFR 4.76)				
Declaration Submitted With Initial Filing	that to or it tho			
OR				
Declaration Submitted After Initial Filing (surcharge (37 C.F.R. § 1.16(f)) required)				
NOVEL USE OF BIOTIN AND NATURAL ESSENTIAL OILS FOR BOVINE ANIMALS FOR THE PREVENTION AND TREATMENT OF KETOSIS				
(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 15/102,316 filed June 7, 2016, 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 inv	ention 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 inventio	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, NL-6411 TE, 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 Additional Joint Inventor, if any:				
(E.g., Given Name (first and middle (if any)) and Family Name or Surname)  Joseph	,	//C GRATH		
Signatu The Manual	Date: 5/8	1/16		

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