506907872 10/06/2021

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6954697

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
NOEL L. DAVISON	09/28/2021
NICOLAES HUBERTUS MARIA DE BONT	10/06/2021
MANDY MARIA JOZEFINA WIERMANS	09/29/2021

RECEIVING PARTY DATA

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

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	17430736

CORRESPONDENCE DATA

Fax Number:

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.

Email: DSMNA.IP@dsm.com

Correspondent Name: DSM NORTH AMERICA INC.

Address Line 1: 6480 DOBBIN ROAD

Address Line 2: C/O PATENT DEPARTMENT
Address Line 4: COLUMBIA, MARYLAND 21045

ATTORNEY DOCKET NUMBER:	33253-US-PCT
NAME OF SUBMITTER:	LAURIE TOLLAS
SIGNATURE:	/Laurie Tollas/
DATE SIGNED:	10/06/2021

Total Attachments: 6

source=20210924_Assignment_33353-US-PCT Executed Weirmans#page1.tif source=20210924_Assignment_33353-US-PCT Executed Weirmans#page2.tif source=20210924_Assignment_33353-US-PCT Executed Davison#page1.tif source=20210924_Assignment_33353-US-PCT Executed Davison#page2.tif source=20210924_Assignment_33353-US-PCT Executed DeBont#page1.tif

PATENT 506907872 REEL: 057713 FRAME: 0525

source=20210924_Assignment_33353-US-PCT Executed DeBont#page2.tif

ASSIGNMENT

In consideration of good and valuable consideration conveyed to each of the undersigned inventors for which receipt and sufficiency is hereby acknowledged: **Nicolaes Hubertus Maria DE BONT, Noel L. DAVISON, Mandy Maria Jozefina WIERMANS** hereby assigns to **DSM IP Assets B.V.**, a corporation formed under the laws of The Netherlands, whose mailing address is Het Overloon 1, 6411 TE Heerlen, The Netherlands (hereafter referred to as the Assignee), his/her entire right, title and interest, including the right to sue for past infringement and to collect for all past, present and future damages, for the United States of America (as defined in 35 U.S.C. § 100) and throughout the rest of the world,

- (a) in the invention(s) known as **METHOD OF MAKING A COMPOSITE BIOTEXTILE AND A MEDICAL IMPLANT COMPRISING SUCH COMPOSITE BIOTEXTILE** for which application(s) for patent in the United States of America has a filing date or a 371(c) date of August 13, 2021, (also known as United States Application No. 17/430,736, in any and all applications thereon, in any and all Letters Patent(s) therefor, and
- (b) in any and all applications that claim the benefit of the patent application listed above in part (a), including non-provisional applications, continuing (continuation, divisional, or continuation-in-part) applications, reissues, extensions, renewals and reexaminations of the patent application or Letters Patent therefor listed above in part (a), to the full extent of the term or terms for which Letters Patents issue, and
- (c) in any and all inventions described in the patent application listed above in part (a), and in any and all forms of intellectual and industrial property protection derivable from such patent application, and that are derivable from any and all continuing applications, reissues, extensions, renewals and reexaminations of such patent application, including, without limitation, patents, applications, utility models, inventor's certificates, and designs together with the right to file applications therefor; and including the right to claim the same priority rights from any previously filed applications under the International Agreement for the Protection of Industrial Property, or any other international agreement, or the domestic laws of the country in which any such application is filed, as may be applicable;

all such rights, title and interest to be held and enjoyed by the above-named Assignee, its successors, legal representatives and assigns to the same extent as all such rights, title and interest would have been held and enjoyed by the Assignor had this assignment and sale not been made.

The undersigned inventors agree to execute all papers necessary in connection with the application(s) and any non-provisional, continuing (continuation, divisional, or continuation-in-part), reissue, reexamination or corresponding application(s) thereof and also to execute separate assignments in connection with such application(s) as the Assignee may deem necessary or expedient.

The undersigned inventors agree to execute all papers necessary in connection with any interference or patent enforcement action (judicial or otherwise) related to the application(s) or any non-provisional, continuing (continuation, divisional, or continuation-in-part), reissue or reexamination application(s) thereof and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference or patent enforcement action.

The undersigned inventors hereby represent that he/she has full right to convey the entire interest herein assigned, and that he/she has not executed, and will not execute, any agreement in conflict therewith.

The undersigned inventors hereby grant the patent practitioners associated with **CUSTOMER NUMBER 109143** the power to insert in this assignment any further identification that may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

The undersigned inventors hereby represent that he/she understands that the patent practitioners associated with **CUSTOMER NUMBER 109143** are the legal representatives of, and attorneys for, the assignee, and are <u>NOT</u> the legal representatives of, and attorneys for, the inventors.

Duly, executed by the undersigned inventors on the date opposite his/her name.

Date:		_Signature of Inventor:	<i>I</i>	/		
		Nicolaes Hubertus Maria DE BONT				
Date _.		_Signature of Inventor:	/Noel L. DAVISON	/		
Date:	•	10:07:21 AM CEST _Signature of Inventor:	DocuSigned by:	/		
		_ 0	Mondy Morio Lozofine WIFDMANS			

ASSIGNMENT

In consideration of good and valuable consideration conveyed to each of the undersigned inventors for which receipt and sufficiency is hereby acknowledged: **Nicolaes Hubertus Maria DE BONT, Noel L. DAVISON, Mandy Maria Jozefina WIERMANS** hereby assigns to **DSM IP Assets B.V.**, a corporation formed under the laws of The Netherlands, whose mailing address is Het Overloon 1, 6411 TE Heerlen, The Netherlands (hereafter referred to as the Assignee), his/her entire right, title and interest, including the right to sue for past infringement and to collect for all past, present and future damages, for the United States of America (as defined in 35 U.S.C. § 100) and throughout the rest of the world,

- (a) in the invention(s) known as **METHOD OF MAKING A COMPOSITE BIOTEXTILE AND A MEDICAL IMPLANT COMPRISING SUCH COMPOSITE BIOTEXTILE** for which application(s) for patent in the United States of America has a filing date or a 371(c) date of August 13, 2021, (also known as United States Application No. 17/430,736, in any and all applications thereon, in any and all Letters Patent(s) therefor, and
- (b) in any and all applications that claim the benefit of the patent application listed above in part (a), including non-provisional applications, continuing (continuation, divisional, or continuation-in-part) applications, reissues, extensions, renewals and reexaminations of the patent application or Letters Patent therefor listed above in part (a), to the full extent of the term or terms for which Letters Patents issue, and
- (c) in any and all inventions described in the patent application listed above in part (a), and in any and all forms of intellectual and industrial property protection derivable from such patent application, and that are derivable from any and all continuing applications, reissues, extensions, renewals and reexaminations of such patent application, including, without limitation, patents, applications, utility models, inventor's certificates, and designs together with the right to file applications therefor; and including the right to claim the same priority rights from any previously filed applications under the International Agreement for the Protection of Industrial Property, or any other international agreement, or the domestic laws of the country in which any such application is filed, as may be applicable;

all such rights, title and interest to be held and enjoyed by the above-named Assignee, its successors, legal representatives and assigns to the same extent as all such rights, title and interest would have been held and enjoyed by the Assignor had this assignment and sale not been made.

The undersigned inventors agree to execute all papers necessary in connection with the application(s) and any non-provisional, continuing (continuation, divisional, or continuation-in-part), reissue, reexamination or corresponding application(s) thereof and also to execute separate assignments in connection with such application(s) as the Assignee may deem necessary or expedient.

The undersigned inventors agree to execute all papers necessary in connection with any interference or patent enforcement action (judicial or otherwise) related to the application(s) or any non-provisional, continuing (continuation, divisional, or continuation-in-part), reissue or reexamination application(s) thereof and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference or patent enforcement action.

The undersigned inventors hereby represent that he/she has full right to convey the entire interest herein assigned, and that he/she has not executed, and will not execute, any agreement in conflict therewith.

The undersigned inventors hereby grant the patent practitioners associated with **CUSTOMER NUMBER 109143** the power to insert in this assignment any further identification that may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

The undersigned inventors hereby represent that he/she understands that the patent practitioners associated with **CUSTOMER NUMBER 109143** are the legal representatives of, and attorneys for, the assignee, and are <u>NOT</u> the legal representatives of, and attorneys for, the inventors.

Duly, executed by the undersigned inventors on the date opposite his/her name.

Date:		Signature of Inventor:	
		Nicolaes Hubertus Maria DE B	BONT
Date:	28-Sep-2021 2:00:07	PM EDT Signature of Inventor: Noel L. DAVISON	
Date:		Signature of Inventor:	

ASSIGNMENT

In consideration of good and valuable consideration conveyed to each of the undersigned inventors for which receipt and sufficiency is hereby acknowledged: **Nicolaes Hubertus Maria DE BONT, Noel L. DAVISON, Mandy Maria Jozefina WIERMANS** hereby assigns to **DSM IP Assets B.V.**, a corporation formed under the laws of The Netherlands, whose mailing address is Het Overloon 1, 6411 TE Heerlen, The Netherlands (hereafter referred to as the Assignee), his/her entire right, title and interest, including the right to sue for past infringement and to collect for all past, present and future damages, for the United States of America (as defined in 35 U.S.C. § 100) and throughout the rest of the world,

- (a) in the invention(s) known as **METHOD OF MAKING A COMPOSITE BIOTEXTILE AND A MEDICAL IMPLANT COMPRISING SUCH COMPOSITE BIOTEXTILE** for which application(s) for patent in the United States of America has a filing date or a 371(c) date of August 13, 2021, (also known as United States Application No. 17/430,736, in any and all applications thereon, in any and all Letters Patent(s) therefor, and
- (b) in any and all applications that claim the benefit of the patent application listed above in part (a), including non-provisional applications, continuing (continuation, divisional, or continuation-in-part) applications, reissues, extensions, renewals and reexaminations of the patent application or Letters Patent therefor listed above in part (a), to the full extent of the term or terms for which Letters Patents issue, and
- (c) in any and all inventions described in the patent application listed above in part (a), and in any and all forms of intellectual and industrial property protection derivable from such patent application, and that are derivable from any and all continuing applications, reissues, extensions, renewals and reexaminations of such patent application, including, without limitation, patents, applications, utility models, inventor's certificates, and designs together with the right to file applications therefor; and including the right to claim the same priority rights from any previously filed applications under the International Agreement for the Protection of Industrial Property, or any other international agreement, or the domestic laws of the country in which any such application is filed, as may be applicable;

all such rights, title and interest to be held and enjoyed by the above-named Assignee, its successors, legal representatives and assigns to the same extent as all such rights, title and interest would have been held and enjoyed by the Assignor had this assignment and sale not been made.

The undersigned inventors agree to execute all papers necessary in connection with the application(s) and any non-provisional, continuing (continuation, divisional, or continuation-in-part), reissue, reexamination or corresponding application(s) thereof and also to execute separate assignments in connection with such application(s) as the Assignee may deem necessary or expedient.

The undersigned inventors agree to execute all papers necessary in connection with any interference or patent enforcement action (judicial or otherwise) related to the application(s) or any non-provisional, continuing (continuation, divisional, or continuation-in-part), reissue or reexamination application(s) thereof and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference or patent enforcement action.

The undersigned inventors hereby represent that he/she has full right to convey the entire interest herein assigned, and that he/she has not executed, and will not execute, any agreement in conflict therewith.

The undersigned inventors hereby grant the patent practitioners associated with **CUSTOMER NUMBER 109143** the power to insert in this assignment any further identification that may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

The undersigned inventors hereby represent that he/she understands that the patent practitioners associated with **CUSTOMER NUMBER 109143** are the legal representatives of, and attorneys for, the assignee, and are <u>NOT</u> the legal representatives of, and attorneys for, the inventors.

Duly, executed by the undersigned inventors on the date opposite his/her name.

Date:	06-okt-2021 9:42:36 AM	Signature of Inventor:	aes Hubertus Maria DE BONT	/
Date:	28-Sep-2021 2:00:07	PM EDT / Signature of Inventor:	DocuSigned by: CEDFF8A6D43D4E4 Noel L. DAVISON	
Date:		Signature of Inventor:	/ 	/

Page 2 of 2