502744934 03/28/2014

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT2791530

| SUBMISSION TYPE: | NEW ASSIGNMENT |
|-----------------------|----------------|
| NATURE OF CONVEYANCE: | ASSIGNMENT |

CONVEYING PARTY DATA

| Name | Execution Date |
|----------------------------------|----------------|
| ALEXANDER ANTONIUS MARIE STROEKS | 01/24/2014 |
| KATARINA TOMIC | 01/24/2014 |

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: | 14130148 |

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 via

US Mail.

Phone: 703-816-4000
Email: dlb@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-4662-2761 | |
|-------------------------|---------------------|--|
| NAME OF SUBMITTER: | BRYAN H. DAVIDSON | |
| SIGNATURE: | /Bryan H. Davidson/ | |
| DATE SIGNED: | 03/28/2014 | |

Total Attachments: 1

source=03-28-2014_Assignment#page1.tif

PATENT 502744934 REEL: 032555 FRAME: 0373

ASSIGNMENT OF PATENT APPLICATION

(inventors) Alexander Antonius Marie STROEKS Katarina TOMIC in consideration of the sum of one dollar (\$1.00) and other good and valuable considerations paid to each of the undersigned, the undersigned agree(s) to assign, and hereby does assign, transfer and set over to

(Assignee) (Address)

DSM IP ASSETS B.V.

of Het Overloon 1, Heerlen, NL 6411 TE

(hereinafter designated as the Assignee) the undersigned's entire right, title and interest for the United States, its territories, dependencies and possessions, and for the country of in the invention, and all application(s) for patent and any Letters Patent which may

(Other Countries) (Title)

be granted therefor, known as BI-AXIALLY STRETCHED PRODUCT (Case No. 4662-2761)

for which the undersigned has (have) executed on even date herewith an application for patent in the United States of America or, if not on even date, then has executed

or has already filed in

U.S. Appl. No.

14/130,148,

filed on December 30, 2013.

The undersigned acknowledges an obligation of assignment of this invention to said

assignee at the time the invention was made.

The undersigned agree(s) to execute all papers and documents necessary in connection with the application or any interference which may be declared and any continuing or divisional applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient and further to perform any act which may be necessary in connection with claims or provisions of the international Convention for Protection of Industrial Property or similar

The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States patent to the Assignee.

The undersigned hereby authorize(s) and request(s) the Commissioner of Patents to issue any and all Letters Patent of the United States resulting from said application or any division or divisions or continuing applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) full right to convey the entire interest herein assigned, and that he has (they have) not executed and will not execute, any agreement in conflict herewith.

The undersigned hereby grant(s) the firm of NIXON & VANDERHYE P.C. the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent Office for recordation of this document. 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.

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned signature(s). Date _______________________________Signature of inventor Alexander Antonius Marie STROEKS Katarina Tomic Date 14 C4 1044 Signature of inventor

Page 1 of 1

2280746