

PATENT ASSIGNMENT

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NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Claudia Maria VAZ	07/18/2013
RECEIVING PARTY DATA	
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PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	13502910
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NAME OF SUBMITTER:	Bryan H. Davidson
Signature:	/Bryan H. Davidson/
Date:	07/23/2013
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OP \$40.00 13502910

ASSIGNMENT OF PATENT APPLICATION

(Inventors) **Claudia Maria VAZ**
Gerardus ABEN
Edith Elisabeth VAN DEN BOSCH
Christiaan Henri Peter DIRKS
Paulus Johannes Hyacinthus Marie SMEETS

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) **DSM IP ASSRTS B.V.**

(Address) **of Het Overloon 1, Heerlen, Netherlands 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

(Other Countries) **in the invention, and all application(s) for patent and any Letters Patent which may be granted therefor, known as**

(Title) **MONOFILAMENT OR MULTIFILAMENT HPPE YARNS (Case No. 4662-2174)**

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 on _____ or has already filed in

U.S. appln. Serial No. **13/502,910**, filed on **April 19, 2012**.

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 agreements.

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.

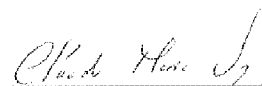
The undersigned hereby authorize(s) and request(s) the Commissioner of Patents to issue any and all Letters Patent of the United States resulting from said application or any division or divisions or continuing applications thereof to the said Assignee, as Assignee of the entire interest, and hereby 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 18 July 2013

Signature of inventor



Claudia Maria VAZ

Date _____

Signature of inventor

Gerardus ABEN

Date _____

Signature of inventor

Edith Elisabeth VAN DEN BOSCH

Date _____

Signature of inventor

Christiaan Henri Peter DIRKS

Date _____

Signature of inventor

Paulus Johannes Hyacinthus Marie
SMEETS