

## PATENT ASSIGNMENT

Electronic Version v1.1  
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Gijsbertus Hendrickus Maria CALIS</td> <td>01/31/2012</td> </tr> <tr> <td>Hendrik Derk HOVING</td> <td>12/21/2011</td> </tr> <tr> <td>Elisabeth MUELLER</td> <td>01/12/2012</td> </tr> </tbody> </table>		Name	Execution Date	Gijsbertus Hendrickus Maria CALIS	01/31/2012	Hendrik Derk HOVING	12/21/2011	Elisabeth MUELLER	01/12/2012		
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Elisabeth MUELLER	01/12/2012										
RECEIVING PARTY DATA											
<table border="1"> <tr> <td>Name:</td> <td>DSM IP ASSETS B.V.</td> </tr> <tr> <td>Street Address:</td> <td>Het Overloon 1</td> </tr> <tr> <td>City:</td> <td>Heerlen</td> </tr> <tr> <td>State/Country:</td> <td>NETHERLANDS</td> </tr> <tr> <td>Postal Code:</td> <td>6411 TE</td> </tr> </table>		Name:	DSM IP ASSETS B.V.	Street Address:	Het Overloon 1	City:	Heerlen	State/Country:	NETHERLANDS	Postal Code:	6411 TE
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CORRESPONDENCE DATA											
Fax Number:	(703)816-4100										
Phone:	703-816-4000										
Email:	dlb@nixonvan.com										
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>											
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-4662-2044										
NAME OF SUBMITTER:	Bryan H. Davidson										
<p>Total Attachments: 3        source=02-28-2012_Assignment#page1.tif        source=02-28-2012_Assignment#page2.tif        source=02-28-2012_Assignment#page3.tif</p>											

OP \$40.00 13377960

# ASSIGNMENT OF PATENT APPLICATION

(inventors) **Gijsbertus Hendrikus Maria CALIS**  
**Hendrik Derk HOVING**  
**Elisabeth MUELLER**

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 ASSETS B.V.**

(Address) **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

(Other

Countries)

(Title)

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

**POLYOLEFIN MEMBER AND METHOD OF MANUFACTURING (Case No. 4662-2044)**

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. appin Serial No. **13/377,960**, filed on **December 13, 2011**.

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.

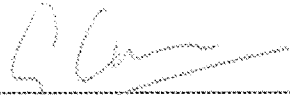
The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States patent to the Assignee.

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 31.01.2012 Signature of inventor

  
 \_\_\_\_\_  
**Gijsbertus Hendrikus Maria CALIS**

Date \_\_\_\_\_ Signature of inventor

\_\_\_\_\_  
**Hendrik Derk HOVING**

Date \_\_\_\_\_ Signature of inventor

\_\_\_\_\_  
**Elisabeth MUELLER**

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Date	_____	Signature of inventor	_____
			<b>Gijsbertus Hendrikus Maria CALIS</b>
Date	<u>21-Dec-2011</u>	Signature of inventor	_____
			<b>Hendrik Derk HOVING</b>
Date	_____	Signature of inventor	_____
			<b>Elisabeth MUELLER</b>

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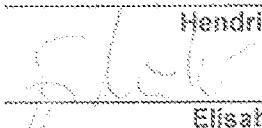
Date \_\_\_\_\_ Signature of inventor

\_\_\_\_\_  
**Gijsbertus Hendrikus Maria CALIS**

Date \_\_\_\_\_ Signature of inventor

\_\_\_\_\_  
**Hendrik Derk HOVING**

Date 12 Jan 2012 Signature of inventor

  
 \_\_\_\_\_  
**Elisabeth MUELLER**