

PATENT ASSIGNMENT

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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>Jun QIU</td> <td>04/21/2010</td> </tr> <tr> <td>Rudy RULKENS</td> <td>05/22/2010</td> </tr> <tr> <td>Johannes Leonardus Maria OP DEN KAMP</td> <td>04/20/2010</td> </tr> <tr> <td>Jens Christoph THIES</td> <td>05/18/2010</td> </tr> </tbody> </table>		Name	Execution Date	Jun QIU	04/21/2010	Rudy RULKENS	05/22/2010	Johannes Leonardus Maria OP DEN KAMP	04/20/2010	Jens Christoph THIES	05/18/2010
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Jens Christoph THIES	05/18/2010										
RECEIVING PARTY DATA											
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Street Address:	Het Overloon 1										
City:	Heerlen										
State/Country:	NETHERLANDS										
Postal Code:	6411 TE										
PROPERTY NUMBERS Total: 1											
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>12743089</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	12743089						
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NAME OF SUBMITTER:	Bryan H. Davidson										
Total Attachments: 4											

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**PATENT
 REEL: 024837 FRAME: 0304**

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ASSIGNMENT OF U.S. PATENT APPLICATION

(Inventors) QIU Jun
RULKENS, Rudy
KAMP, OP DEN, Johannes Leonardus Maria
THIES, Jens Christoph

(Assignee)
 (Address) DSM IP Assets B.V., Het Overloon 1, 6411 TE HEERLEN, The NETHERLANDS

(Title) (hereinafter designated as the Assignee) the undersigned's entire right, title and interest for the United States, its territories, dependencies and possessions in the invention, and all applications for patent and any Letters Patent which may be granted therefore, known as HIGH PERFORMANCE MEMBRANE

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 12/743,089 or has already filed U.S. appln. Serial No. May 14, 2010

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 & VANDERHUYE 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 & Vanderhuy 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

Date 21.04.2010 Signature of inventor 
 QIU, Jun

Date _____ Signature of inventor _____
 RULKENS, Rudy

Date _____ Signature of inventor _____
 KAMP, OP DEN, Johannes Leonardus Maria

Date _____ Signature of inventor _____
 THIES, Jens Christoph

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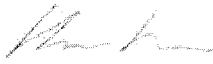
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Date _____	Signature of inventor	<u>QIU, Jun</u>
Date <u>22.05.2010</u>	Signature of inventor	<u></u> RULKENS, Rudy
Date _____	Signature of inventor	<u>KAMP, OP DEN, Johannes Leonardus Maria</u>
Date _____	Signature of inventor	<u>THIES, Jens Christoph</u>

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Date _____ Signature of inventor QIU, Jun

Date _____ Signature of inventor RULKENS, Rudy

Date 20-4-2010 Signature of inventor KAMP, OP DEN, Johannes Leonardus Maria

Date _____ Signature of inventor THIES, Jens Christoph

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RULKENS, Rudy
KAMP, OP DEN, Johannes Leonardus Maria
THIES, Jens Christoph

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Date _____ Signature of inventor QIU, Jun

Date _____ Signature of inventor RULKENS, Rudy

Date _____ Signature of inventor KAMP, OP DEN, Johannes Leonardus Maria

Date 18 May 2010 Signature of inventor THIES, Jens Christoph

PATENT