### PATENT ASSIGNMENT

## Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

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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## PROPERTY NUMBERS Total: 1

Property Type	Number	
Application Number:	12743089	

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ATTORNEY DOCKET NUMBER: BHD-4662-1515

NAME OF SUBMITTER: Bryan H. Davidson

Total Attachments: 4

PATENT REEL: 024837 FRAME: 0304 OF \$40.00 12/43089

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> PATENT REEL: 024837 FRAME: 0305

Case No. 26364-US-PCT

## ASSIGNMENT OF U.S. PATENT APPLICATION

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		hereinafter designated as the Assignee) the undersigned's entire right, title and interest for he United States, its territories, dependencies and possessions in the invention, and all			
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applications for patent and any Letters Patent which may be granted therefore, kn (Title) HIGH PERFORMANCE MEMBRANE					
(11616)					
			ited on even date herewith an application for		
	patent in the Unite		not on even date, then has executed		
	on		has already filed U.S. appln. Serial No.		
	12/743,089		01) May 14, 2010		
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	assignee at the tir	ne the invention was mad	e,		
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			d any continuing or divisional applications		
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agreements.					
The	undersigned agree(	s) to perform all affirmativ	e acts which may be necessary to obtain a		
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			ald application or any division or divisions or		
			ssignee of the entire interest, and hereby		
			entire interest herein assigned, and that he has		
(they have) n	ot executed and will	Il not execute, any agreen	nent in conflict herewith.		
The	undersigned hereby	grant(s) the firm of NIXC	N & VANDERHYE P.C. the power to insert on		
this assignme	ent any further ideni	tification which may be ne	cessary or desirable in order to comply with the		
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			THIES, Jens Christoph		

PATENT REEL: 024837 FRAME: 0306

Case No.: 26364-US-PCT

## ASSIGNMENT OF U.S. PATENT APPLICATION

General Control of the	-	·		
(Inventors)				
	RULKENS, Rudy			
	KAMP, OP DEN,	Johannes Leonardus Mar	ia	
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 or has already filed U.S. appln. Serial No on May 14, 2010			
		acknowledges an obligation ne the invention was mad	on of assignment of this invention to said e.	
application or thereof and a may deem no	r any interference w ilso to execute sepa ecessary or expedia	rhich may be declared and arate assignments in conn ant and further to perform	nd documents necessary in connection with the dany continuing or divisional applications ection with such applications as the Assignee any act which may be necessary in connection or Protection of Industrial Property or similar	
The ugrant of a val	undersigned agree( id United States pa	s) to perform all affirmativ tent to the Assignee.	e acts which may be necessary to obtain a	
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				
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Date Mattheway.commissions	rhadilide avum minores o nomum um et representativos ir specializado in participante in para vida.	Signature of inventor	KAMP, OP DEN, Johannes Leonardus Maria	
Date		Signature of inventor	THIES, Jens Christoph	

PATENT REEL: 024837 FRAME: 0307

Case No : 26364-US-PCT

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(Inventors)	QIU Jun			·
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	KAMP, OP DE	N, Johannes Leonardus	Maxin	
	THIES, Jens C	hristoph	ividia:	
(Assignee)		·		
(Address)			411 TE HEERLEN, The NETHERLANDS	irittima marau
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this assignmen rules of the Uni ASSIGNEE'S a represent only	idersigned hereb it any further ider ited States Pater ittorneys Nixon & ASSIGNEE with	y grant(s) the firm of NIX ntification which may be r at Office for recordation of Vanderhye P.C. have re- respect to this invention	ON & VANDERHYE P.C. the power to insert of necessary or desirable in order to comply with a finish document. It is understood and agreed the presented only ASSIGNEE and will continue to the presented only as a present of the presented only as a presented on the presented o	the
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Signature of inventor

**PATENT** 

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THIES, Jens Christoph

Case No: 26364-US-PCT

# ASSIGNMENT OF U.S. PATENT APPLICATION

(Inventor	s) QIU Jun		
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	KAMP, OP D	EN, Johannes Leonardus I	
	THIES, Jens	Christoph	viaria
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			QIU, Jun
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			RULKENS, Rudy
Date		Signature of inventor	
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			KAMP, OP DEN, Johannes Leonardus Maria
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Date 18	May 2010	Signature of inventor	
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			THIES Jens Christoph

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**RECORDED: 08/13/2010**