

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>Matthias WESSLING</td> <td>02/08/2013</td> </tr> <tr> <td>Dimitrios STAMATIALIS</td> <td>12/19/2012</td> </tr> <tr> <td>Karina Katarzyna KOPEC</td> <td>11/12/2012</td> </tr> <tr> <td>Szymon Maria DUTCZAK</td> <td>12/13/2012</td> </tr> </tbody> </table>		Name	Execution Date	Matthias WESSLING	02/08/2013	Dimitrios STAMATIALIS	12/19/2012	Karina Katarzyna KOPEC	11/12/2012	Szymon Maria DUTCZAK	12/13/2012
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<table border="1"> <tr> <td>Name:</td> <td>Stichting voor de Technische Wetenschappen</td> </tr> <tr> <td>Street Address:</td> <td>Van Vollenhovenlaan 661</td> </tr> <tr> <td>City:</td> <td>Utrecht</td> </tr> <tr> <td>State/Country:</td> <td>NETHERLANDS</td> </tr> <tr> <td>Postal Code:</td> <td>NL-3527 JP</td> </tr> </table>		Name:	Stichting voor de Technische Wetenschappen	Street Address:	Van Vollenhovenlaan 661	City:	Utrecht	State/Country:	NETHERLANDS	Postal Code:	NL-3527 JP
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<table border="1"> <tr> <td>Name:</td> <td>Universiteit Twente</td> </tr> <tr> <td>Street Address:</td> <td>Drienerlolaan 5</td> </tr> <tr> <td>City:</td> <td>Enschede</td> </tr> <tr> <td>State/Country:</td> <td>NETHERLANDS</td> </tr> <tr> <td>Postal Code:</td> <td>NL-7522 NB</td> </tr> </table>		Name:	Universiteit Twente	Street Address:	Drienerlolaan 5	City:	Enschede	State/Country:	NETHERLANDS	Postal Code:	NL-7522 NB
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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>13582949</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13582949						
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Application Number:	13582949										
CORRESPONDENCE DATA											
Fax Number:	2026725399										
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>											
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ATTORNEY DOCKET NUMBER:	069818-6950
NAME OF SUBMITTER:	Michelle E Richardson
Signature:	/michelle e richardson/
Date:	04/16/2013
Total Attachments: 5 source=Assignment#page1.tif source=Assignment#page2.tif source=Assignment#page3.tif source=Assignment#page4.tif source=Assignment#page5.tif	

ASSIGNMENT

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, each undersigned inventor (hereinafter referred to as "ASSIGNOR") has sold, assigned, and transferred, and by these presents hereby sells, assigns, and transfers, unto

Stichting voor de Technische Wetenschappen
Van Vollenhovenlaan 661
NL-3527 JP Utrecht
The Netherlands

&

Universiteit Twente
Drienerlolaan 5
NL-7522 NB Enschede
The Netherlands

(hereinafter referred to as "ASSIGNEE") its successors and assigns, the full and exclusive right, title and interest for the United States, its territories and possessions in and to this invention relating to

Hollow fibre membrane

as set forth in this United States Patent Application

Check
one

<input type="checkbox"/>	executed concurrently herewith
<input type="checkbox"/>	executed on _____
<input checked="" type="checkbox"/>	Serial No.13/582,949 Filed 09/05/2012

and

as well as in and to (a) all improvements and modifications of the above-identified invention or inventions, (b) the above-identified application and all other applications for Letters Patent of the United States for above-identified invention or inventions and all improvements and modifications thereof, (c) all Letters Patent which may issue from said applications in the United States, (d) all divisions, continuations, reissues, and extensions of said applications and Letters Patent, and (e) the right to claim for any of said applications the full benefits and priority rights under the International Convention and any other international agreement to which the United States adheres; such right, title, and interest to be held and enjoyed by ASSIGNEE, its successors and assigns, to the full end of the term or terms for which any and all such Letters Patent may be granted as fully and entirely as would have been held and enjoyed by ASSIGNOR had this Assignment not been made.

ASSIGNOR HEREBY AGREES (a) to communicate to ASSIGNEE, its successors and assigns, or their representative or agents, all facts and information known or available to ASSIGNOR respecting said invention or inventions, improvements, and modifications including evidence for interference, reexamination, reissue, opposition, revocation, extension, or infringement purposes or other legal, judicial, or administrative proceedings, whenever requested by ASSIGNEE; (b) to testify in person or by affidavit as required by ASSIGNEE, its successors and assigns, in any such proceeding in the United States; (c) to execute and deliver, upon request by ASSIGNEE, all lawful papers including, but not limited to, original, divisional, continuation, and reissue applications, renewals, assignments, powers of attorney, oaths, affidavits, and declarations, depositions; and (d) to provide all reasonable assistance to ASSIGNEE, its successors and assigns, in obtaining and enforcing proper title in and protection for said invention or inventions, improvements, and modifications under the intellectual property laws of the United States and countries foreign thereto.

ASSIGNOR HEREBY REPRESENTS AND WARRANTS that ASSIGNOR has the full and unencumbered right to sell, assign, and transfer the interests sold, assigned, and transferred herein, and that ASSIGNOR has not executed and will not execute any document or instrument in conflict herewith.

ASSIGNOR HEREBY GRANTS to the law firm of **Foley & Lardner LLP** the power and authority to insert in this Assignment any further identification which may be necessary or desirable to comply with the rules of the U.S. Patent and Trademark Office for recordation of this Assignment.

ASSIGNOR UNDERSTANDS AND AGREES that the attorneys and agents of the law firm of **Foley & Lardner LLP** do not personally represent ASSIGNOR OR ASSIGNOR's legal interests, but instead represent the interests of ASSIGNEE; since said attorneys and agents cannot provide legal advice to ASSIGNOR with respect to this Assignment, ASSIGNOR acknowledges its right to seek its own independent legal counsel.

NAME AND SIGNATURE OF FIRST INVENTOR

NAME: **Wessling, Matthias**

SIGNATURE: Matthias Wessling DATE: Feb 8, 2013

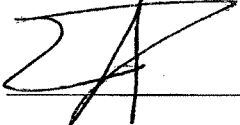
NAME AND SIGNATURE OF WITNESSES

NAME: A. Franke SIGNATURE: [Signature] DATE: Feb 8 - 2013

NAME: E. Camm SIGNATURE: [Signature] DATE: Feb 12, 2013

NAME AND SIGNATURE OF SECOND INVENTOR

NAME: Stamatialis, Dimitrios

SIGNATURE: 

DATE: 19/12/2012

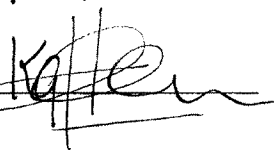
NAME AND SIGNATURE OF WITNESSES

NAME: Roy Kalkan

SIGNATURE: 

DATE: 19/12/2012

NAME: Karin Hendriks

SIGNATURE: 

DATE: 19/12/2012

NAME AND SIGNATURE OF THIRD INVENTOR

NAME: Kopec, Karina Katarzyna

SIGNATURE: _____

DATE: _____

NAME AND SIGNATURE OF WITNESSES

NAME: _____

SIGNATURE: _____

DATE: _____

NAME: _____

SIGNATURE: _____

DATE: _____

NAME AND SIGNATURE OF SECOND INVENTOR

NAME: **Stamatialis, Dimitrios**

SIGNATURE: _____ DATE: _____

NAME AND SIGNATURE OF WITNESSES

NAME: _____ SIGNATURE: _____ DATE: _____

NAME: _____ SIGNATURE: _____ DATE: _____

NAME AND SIGNATURE OF THIRD INVENTOR

NAME: **Kopec, Karina Katarzyna**

SIGNATURE: Karina Kopec DATE: 11.12.2012

NAME AND SIGNATURE OF WITNESSES

NAME: Peters, Lars SIGNATURE: L. Peters DATE: 11.12.12

NAME: David, Dana SIGNATURE: Dana David DATE: 11.12.12

NAME AND SIGNATURE OF FOURTH INVENTOR

NAME: **Dutczak, Szymon Maria**

SIGNATURE: S. Dutczak DATE: 13.12.2012

NAME AND SIGNATURE OF WITNESSES

NAME: Danuta Dutczak SIGNATURE: D. Dutczak DATE: 13.12.2012

NAME: R. Kolkman SIGNATURE: R. Kolkman DATE: 13.12.2012

Note: *Prima facie* evidence of execution may optionally be obtained by execution before a U.S. Consul or before a local officer authorized to administer oaths whose authority is proved by a certificate from a U.S. Consul.