

# PATENT ASSIGNMENT

Electronic Version v1.1  
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT																
NATURE OF CONVEYANCE:	ASSIGNMENT																
<b>CONVEYING PARTY DATA</b>																	
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 70%;">Name</th> <th style="width: 30%;">Execution Date</th> </tr> </thead> <tbody> <tr><td>Jan Hendrik HANEMAAIJER</td><td>07/02/2009</td></tr> <tr><td>Albert Edward JANSEN</td><td>06/18/2009</td></tr> <tr><td>Jolanda VAN MEDEVOORT</td><td>08/24/2009</td></tr> <tr><td>Hans DE JONG</td><td>08/04/2009</td></tr> <tr><td>Eric VAN SONSBECK</td><td>07/20/2009</td></tr> <tr><td>Engelbert Peter Jurrie Jan KOELE</td><td>06/18/2009</td></tr> <tr><td>Jan Willem ASSINK</td><td>06/18/2009</td></tr> </tbody> </table>		Name	Execution Date	Jan Hendrik HANEMAAIJER	07/02/2009	Albert Edward JANSEN	06/18/2009	Jolanda VAN MEDEVOORT	08/24/2009	Hans DE JONG	08/04/2009	Eric VAN SONSBECK	07/20/2009	Engelbert Peter Jurrie Jan KOELE	06/18/2009	Jan Willem ASSINK	06/18/2009
Name	Execution Date																
Jan Hendrik HANEMAAIJER	07/02/2009																
Albert Edward JANSEN	06/18/2009																
Jolanda VAN MEDEVOORT	08/24/2009																
Hans DE JONG	08/04/2009																
Eric VAN SONSBECK	07/20/2009																
Engelbert Peter Jurrie Jan KOELE	06/18/2009																
Jan Willem ASSINK	06/18/2009																
<b>RECEIVING PARTY DATA</b>																	
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td style="width: 20%;">Name:</td><td>Nederlandse Organisatie voor toegepast-natuurwetenschappelijk onderzoek TNO</td></tr> <tr><td>Street Address:</td><td>Schoemakerstraat 97</td></tr> <tr><td>City:</td><td>Delft</td></tr> <tr><td>State/Country:</td><td>NETHERLANDS</td></tr> <tr><td>Postal Code:</td><td>2628 VK</td></tr> </table>		Name:	Nederlandse Organisatie voor toegepast-natuurwetenschappelijk onderzoek TNO	Street Address:	Schoemakerstraat 97	City:	Delft	State/Country:	NETHERLANDS	Postal Code:	2628 VK						
Name:	Nederlandse Organisatie voor toegepast-natuurwetenschappelijk onderzoek TNO																
Street Address:	Schoemakerstraat 97																
City:	Delft																
State/Country:	NETHERLANDS																
Postal Code:	2628 VK																
<b>PROPERTY NUMBERS Total: 1</b>																	
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 30%;">Property Type</th> <th style="width: 70%;">Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>12447304</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	12447304												
Property Type	Number																
Application Number:	12447304																
<b>CORRESPONDENCE DATA</b>																	
Fax Number: (216)621-6165 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i> Phone: 2166211113 Email: hboehlefeld@rennerotto.com Correspondent Name: Heidi A. Boehlefeld Address Line 1: 1621 Euclid Avenue Address Line 2: Nineteenth Floor Address Line 4: Cleveland, OHIO 44115																	
ATTORNEY DOCKET NUMBER:	VEREP0101WOUS																

OP \$40.00 12447304

**500990190**

**PATENT**  
**REEL: 023381 FRAME: 0971**

NAME OF SUBMITTER:

Heidi A. Boehlefeld

Total Attachments: 2

source=VEREP0101WOUSexecutedassignment#page1.tif

source=VEREP0101WOUSexecutedassignment#page2.tif

**ASSIGNMENT**

For good and valuable consideration, the receipt of which is hereby acknowledged, the undersigned:

Inventor Name:	Address:
Jan Hendrik HANEMAAIJER	Utrechtseweg 27 NL-6862 AB Oosterbeek The Netherlands
Albert Edward JANSEN	Wolvenplein 2 B 3512 CJ Utrecht The Netherlands
Jolanda VAN MEDEVOORT	Durendaal 20 6715 JR Ede The Netherlands
Hans DE JONG	Vossenbeltweg 22 7559 PP Hengelo The Netherlands
Eric VAN SONSBEEK	Bellinistraat 3 4561 VH Hulst The Netherlands
Engelbert Peter Jurrie Jan KOELE	Van Houtenstraat 62 7331 SZ Apeldoorn The Netherlands
Jan Willem ASSINK	Sluiswachtershoeve 209 7326 ZC Apeldoorn The Netherlands

hereby sell(s) and assign(s) to Nederlandse Organisatie voor toegepast-natuurwetenschappelijk onderzoek TNO (the "Assignee"), a company of The Netherlands having a place of business at Schoemakerstraat 97, 2628 VK Delft, The Netherlands, its successors and assigns, the entire worldwide right, title and interest, so far as concerns the United States and the Territories and Possessions thereof and all foreign countries, in and to:

i) the invention(s) and/or improvement(s) entitled:

**MEMBRANE DISTILLATION METHOD FOR THE PURIFICATION OF A LIQUID**

for which a patent application is filed concurrently herewith, or was filed under application number 12/447,304 on April 27, 2009 (I/We authorize the appointed U.S. patent attorneys and agents the power to insert the application number and filing date of the application now identified by the attorney docket number and title set forth above.);

ii) said patent application;

iii) any and all provisional patent applications on which priority is claimed, including U.S. provisional patent application number \_\_\_\_\_ filed on \_\_\_\_\_ (I/We authorize the appointed U.S. patent attorneys and agents the power to insert the application number and filing date of the provisional patent application(s) referred to herein.);

iv) any and all related patent application(s) in the United States or a country foreign thereto, including continuations, continuations-in-part, divisionals, conversions, renewals, substitutes, reissues, reexaminations, extensions, non-provisional applications, convention, International (e.g., Patent Cooperation Treaty (PCT)) and other applications based in whole or in part upon said invention(s) or upon said application(s);

v) any and all Letters Patent, renewals, reissues, reexamination certificates and extensions of Letters Patent granted for said invention(s) or upon said application(s); and

vi) every priority right that is or may be predicated upon or arise from said invention(s), said application(s) and said Letters Patent.

I/We additionally authorize the Assignee to file patent applications in my/our name, or in its own name, for Letters Patent in any country (by international convention, treaty or otherwise), to be held and enjoyed by the Assignee, its successors and assigns, to the full end of the term or terms for

which Letters Patent respectively may be granted, reissued, reexamined or extended, as fully and entirely as the same would have been held and enjoyed by me/us had this Assignment and transfer not been made.

I/We also appoint the Assignee as my/our common representative to represent me/us before all the competent International Authorities in connection with any and all international applications.

I/We hereby authorize the Commissioner of Patents and Trademarks of the United States of America and the empowered officials of all other governments to issue or transfer all said Letters Patent to the Assignee in accordance herewith.

I/We hereby covenant that I/we have the full right to convey the entire interests herein assigned, and that I/we have not executed and will not execute any agreement in conflict herewith and that such assigned rights are not encumbered by any grant, license or other right previously given.

I/We agree that each time a request is made, and without undue delay, I/we will execute and deliver all such papers as may be necessary or desirable to perfect the title in and to the invention(s), said application(s) and said Letters Patent, to the Assignee, its successors or assigns.

I/We agree, without undue delay, to undertake all reasonable acts to assure that said invention(s), patent application(s) and Letters Patent shall be held and enjoyed by the Assignee as fully and entirely as the same could have been held and enjoyed by the undersigned if this assignment had not been made, and particularly: to execute and deliver to the Assignee all lawful documents including petitions, specifications, oaths, declarations, powers of attorney, assignments, invention disclaimers and lawful affidavits in form and substance which may be requested by the Assignee; to furnish the Assignee with all facts relating to said invention(s) or the history thereof and any and all documents, photographs, models, samples or other physical exhibits which may be useful for establishing the facts of conception, disclosure and reduction to practice of said invention(s); and to testify in any proceedings relating to said invention(s), patent application(s) and Letters Patent.

I/We hereby sell, assign and transfer unto the Assignee the authority to revoke power(s) of attorney executed by me/us in connection with this application and to appoint a new power of attorney in place thereof.

Date 02-07-'09

  
Jan Hendrik HANEMAAIJER

Date \_\_\_\_\_

  
Albert Edward JANSEN

Date 18-6-2009

  
Jolanda VAN MEDEKOORT

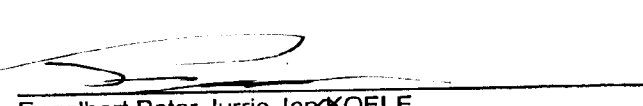
Date 4-8-2009

  
Hans DE JONG

Date 20/7/2009

  
Eric VAN SONSBEEK

Date 18-06-09

  
Engelbert Peter Jurrie Jan KOELE

Date 18-6-2009

  
Jan Willem ASSINK