

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT3781487

<b>SUBMISSION TYPE:</b>	CORRECTIVE ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	Corrective Assignment to correct the ADDRESS OF THE ASSIGNEE previously recorded on Reel 033311 Frame 0691. Assignor(s) hereby confirms the ASSIGNMENT.
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
HASSAN AIT-HADDOU	06/30/2014
FRANK ONYEMAUWA	06/30/2014
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	PALL CORPORATION
<b>Street Address:</b>	25 HARBOR PARK DRIVE
<b>City:</b>	PORT WASHINGTON
<b>State/Country:</b>	NEW YORK
<b>Postal Code:</b>	11050-4630
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	14320376
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(312)616-5700
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>	
<b>Phone:</b>	312-616-5600
<b>Email:</b>	assignments@leydig.com
<b>Correspondent Name:</b>	XAVIER PILLAI
<b>Address Line 1:</b>	LEYDIG, VOIT & MAYER, LTD.
<b>Address Line 2:</b>	180 N. STETSON AVE., SUITE 4900
<b>Address Line 4:</b>	CHICAGO, ILLINOIS 60601-6731
<b>ATTORNEY DOCKET NUMBER:</b>	716750
<b>NAME OF SUBMITTER:</b>	XAVIER PILLAI, PH.D.
<b>SIGNATURE:</b>	/Xavier Pillai/
<b>DATE SIGNED:</b>	03/14/2016
<b>Total Attachments: 4</b>	
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## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT2938219

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
HASSAN AIT-HADDOU	06/30/2014
FRANK ONYEMAUWA	06/30/2014
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	PALL CORPORATION
<b>Street Address:</b>	25 HARBOR DRIVE
<b>City:</b>	PORT WASHINGTON
<b>State/Country:</b>	NEW YORK
<b>Postal Code:</b>	11050-4630
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	14320376
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(312)616-5700
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>	
<b>Phone:</b>	312-616-5600
<b>Email:</b>	assignments@leydig.com
<b>Correspondent Name:</b>	LEYDIG, VOIT & MAYER, LTD.
<b>Address Line 1:</b>	TWO PRUDENTIAL PLAZA, STE. 4900
<b>Address Line 2:</b>	180 N. STETSON
<b>Address Line 4:</b>	CHICAGO, ILLINOIS 60601-6731
<b>ATTORNEY DOCKET NUMBER:</b>	716750
<b>NAME OF SUBMITTER:</b>	XAVIER PILLAI, PH.D.
<b>SIGNATURE:</b>	/Xavier Pillai, Ph.D./
<b>DATE SIGNED:</b>	07/15/2014
<b>Total Attachments: 3</b>	
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source=14-320376[Leydig716750]Assignment#page2.tif	
source=14-320376[Leydig716750]Assignment#page3.tif	

ASSIGNMENT

WHEREAS, I/WE

(1) Hassan AIT-HADDOU, of 117 Drexel Avenue, Melville, NY 11747, and

(2) Frank ONYEMAUWA, of 4661 Carmel Cir, Pace, FL 32571,

hereinafter referred to as Assignor, have invented a certain invention entitled:

HYDROPHILIC BLOCK COPOLYMERS AND MEMBRANES  
PREPARED THEREFROM (II)

for which invention an application (provisional or non-provisional) for a U.S. patent was filed on June 30, 2014, under U.S. Application No. 14/320,376, and

WHEREAS, Pall Corporation, of 25 Harbor Park Drive, Port Washington, NY 11050-4630, hereinafter referred to as Assignee, is desirous of acquiring the entire right, title, and interest in, to, and under the invention described in the patent application, including the entire priority right derived from the application,

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged,

Assignor assigns and transfers to Assignee and Assignee's legal representatives, successors, and assigns the entire right, title, and interest in, to, and under the invention, the referenced patent application, other such applications (e.g., provisional applications, non-provisional applications, continuations, continuations-in-part, divisionals, reissues, reexaminations, national and regional phase applications, petty patent applications, and utility model applications) that may be filed in the U.S. and/or any country foreign to the U.S. on the invention, the patents that may issue thereon, and the patents as may be modified as the result of applicable procedures (e.g., supplemental examinations, ex parte reexaminations, inter partes reexaminations, inter partes reviews, post-grant reviews, and oppositions),

Assignor conveys to the Assignee the right to make applications in Assignee's own behalf for protection of the invention in the U.S. and countries foreign to the U.S. and to claim priority to the referenced patent application and other such applications that may be filed in the U.S. or any country foreign to the U.S. on the invention under the Patent Cooperation Treaty, the Paris Convention, and any other international arrangements,

Assignor will not execute any writing or do any act conflicting with the terms of this assignment,

Assignor will at any time upon request, without further or additional consideration, but at the expense of the Assignee, execute such additional assignments and other writings and do such

additional acts as the Assignee may deem necessary or desirable to pursue the patent applications identified herein, including, but not limited to, rendering all necessary assistance in making applications for and obtaining patents that may issue thereon in the U.S. and any countries foreign to the U.S. on the invention, and in enforcing any rights accruing as a result of such applications or patents, by, for example, executing statements and other affidavits,

Assignor and Assignee agree the terms of this assignment shall bind, and inure to the benefit of, the legal representatives, successors, and assigns of all parties hereto,


Assignor authorizes Assignee to insert in this assignment the number and filing date of the application if the number and filing date of the application are not recited herein at the time of execution of this assignment by any or all of the parties hereto,

Assignor and Assignee agree that U.S. law governs this assignment, and

Assignee acknowledges and accepts this assignment, as evidenced by the signature of an officer or authorized representative of Assignee below.

IN WITNESS WHEREOF, Assignor has hereunder set his/her hand on the date shown below.

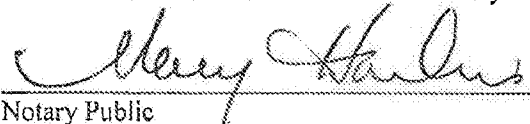
Date 30-June-2014

  
Hassan AIT-HADDOU

STATE OF New York

COUNTY OF Nassau

On this 30<sup>th</sup> day of June, 2014, before me, a Notary Public in and for said county, appeared Hassan AIT-HADDOU, who is personally known to me to be the same person whose name is subscribed to the foregoing assignment document, and acknowledged that he/she signed and delivered the document as his/her free and voluntary act for the uses and purposes therein set forth.

  
Notary Public

My Commission Expires: Sept. 27, 2017

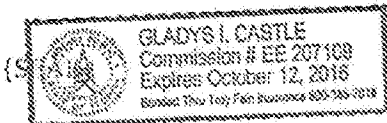
(SEAL)

MARY HARKINS  
Notary Public, State of New York  
011HAG031263

Qualified in Nassau County  
My Commission Expires September 27, 2017

Date 06/20/2014Frank Onyema  
Frank ONYEMAUWASTATE OF Florida )  
COUNTY OF Escambia )

On this 30 day of June, 2014, before me, a Notary Public in and for said county, appeared Frank ONYEMAUWA, who is personally known to me to be the same person whose name is subscribed to the foregoing assignment document, and acknowledged that he/she signed and delivered the document as his/her free and voluntary act for the uses and purposes therein set forth.

Gladys I. Castle  
Notary PublicMy Commission Expires: 10/12/2016Date 1 - July - 2014Michael J. Forzano  
Name: Michael J. Forzano  
Title: Senior Intellectual Property Counsel  
Officer or Authorized Representative of AssigneeSTATE OF New York )  
COUNTY OF Nassau )

On this 1st day of July, 2014, before me, a Notary Public in and for said county, appeared Michael J. Forzano, who is personally known to me to be the same person whose name is subscribed to the foregoing assignment document, and acknowledged that he/she signed and delivered the document as his/her free and voluntary act for the uses and purposes therein set forth.

Mary Harkin  
Notary PublicMy Commission Expires: Sept. 27, 2017

{SEAL}  
MARY HARKIN  
Notary Public, State of New York  
01HAB031298  
Qualified in Nassau County  
My Commission Expires September 27, 2017