

<b>PATENT ASSIGNMENT COVER SHEET</b>
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Electronic Version v1.1  
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EPAS ID: PAT3766263

<b>SUBMISSION TYPE:</b>	CORRECTIVE ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	Corrective Assignment to correct the STREET ADDRESS OF ASSIGNEE previously recorded on Reel 032763 Frame 0146. Assignor(s) hereby confirms the ASSIGNMENT.
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
AMARNAUTH SINGH	03/10/2014
YOLANDO DAVID	03/06/2014
SHANE EDWARD HARTON	03/06/2014
<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>	14193825
<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>	715966
<b>NAME OF SUBMITTER:</b>	XAVIER PILLAI
<b>SIGNATURE:</b>	/Xavier Pillai/
<b>DATE SIGNED:</b>	03/03/2016
<b>Total Attachments: 5</b>	
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ASSIGNMENT

WHEREAS, I/WE

- (1) Amarnauth Singh of 274 N. Bicycle Path, Seldon, NY 11784,
- (2) Yolando David of 18 Bryant Road, Glen Cove, NY 11542, and
- (3) Shane Edward Harton of 96 Firwood Road, #B, Port Washington, NY 11050,

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

HOLLOW FIBER MEMBRANE HAVING HEXAGONAL VOIDS

for which invention an application (provisional or non-provisional) for a U.S. patent was filed on February 28, 2014, under U.S. Application No. 14/193,825, 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,

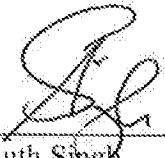
Assignor authorizes Assignee to insert in this assignment the number and filing date of the application if the number and filing date of the application are not recited herein at the time of execution of this assignment by any or all of the parties hereto,

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 March 10, 2014

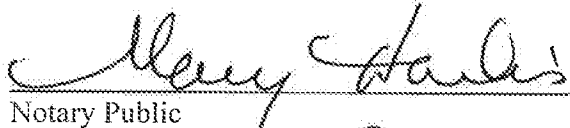
  
\_\_\_\_\_  
Amarnauth Singh

STATE OF New York }

COUNTY OF Nassau }

On this 10<sup>th</sup> day of March, 2014, before me, a Notary Public in and for said county, appeared Amarnauth Singh, 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.

{SEAL} MARY HARKINS  
Notary Public, State of New York  
01HA6031288  
Qualified in Nassau County  
My Commission Expires September 27, 2017

  
\_\_\_\_\_  
Notary Public

My Commission Expires: Sept. 27, 2017

Date March 6, 2014

[Signature]  
Yolando David

STATE OF New York )  
COUNTY OF NASSAU )

On this 6th day of March, 2014, before me, a Notary Public in and for said county, appeared Yolando David, 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.

(SEAL) MARY HARKINS  
Notary Public, State of New York  
01HA8031288  
Qualified in Nassau County  
My Commission Expires September 27, 20 17

[Signature]  
Notary Public  
My Commission Expires: Sept. 27, 2017

Date 03/06/2014

[Signature]  
Shane Edward Harton

STATE OF New York )  
COUNTY OF NASSAU )

On this 6th day of March, 2014, before me, a Notary Public in and for said county, appeared Shane Edward Harton, 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.

(SEAL) MARY HARKINS  
Notary Public, State of New York  
01HA8031288  
Qualified in Nassau County  
My Commission Expires September 27, 20 17

[Signature]  
Notary Public  
My Commission Expires: Sept 27, 2017

Date March 10, 2014

*Michael J. Forzano*  
Name: Michael J. Forzano  
Title: Senior Intellectual Property Counsel  
Officer or Authorized Representative of Assignee

STATE OF New York  
COUNTY OF NASSAU

On this 10<sup>th</sup> day of March, 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/hers free and voluntary act for the uses and purposes therein set forth.

{SEAL} MARY HARKINS  
Notary Public, State of New York  
01HAR031288  
Qualified in Nassau County  
My Commission Expires September 27, 2017

*Mary Harkins*  
Notary Public

My Commission Expires: Sept. 27, 2017

<b>PATENT ASSIGNMENT COVER SHEET</b>
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Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT2830030

<b>SUBMISSION TYPE:</b>	CORRECTIVE ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	Corrective Assignment to correct the ASSIGNORS NAMES, ONE OF WHICH IS MISSING previously recorded on Reel 032443 Frame 0128. Assignor(s) hereby confirms the ASSIGNMENT OF ASSIGNORS' INTERESTS..
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
AMARNAUTH SINGH	03/10/2014
YOLANDO DAVID	03/06/2014
SHANE EDWARD HARTON	03/06/2014
<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
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<b>Fax Number:</b>	(312)616-5700
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<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>	715966
<b>NAME OF SUBMITTER:</b>	XAVIER PILLAI, PH.D.
<b>SIGNATURE:</b>	/Xavier Pillai, Ph.D./
<b>DATE SIGNED:</b>	04/25/2014
<b>Total Attachments: 6</b>	
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PATENT

RECORDED: 03/03/2016

REEL: 037987 FRAME: 0120