

## PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT4217322

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
ENGIN AYTURK	02/03/2016
CATHERINE CASEY	02/06/2016
<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
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	15015350
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(202)737-6776
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<b>ATTORNEY DOCKET NUMBER:</b>	722770
<b>NAME OF SUBMITTER:</b>	JEREMY M. JAY
<b>SIGNATURE:</b>	/Jeremy M. Jay/
<b>DATE SIGNED:</b>	01/10/2017
<b>Total Attachments: 3</b>	
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ASSIGNMENT

WHEREAS, I/We

- (1) Engin AYTURK of 15 Maple Circle, Shrewsbury, MA 01545, and
- (2) Catherine CASEY of 17 Michael Rd., Framingham, MA 01701,

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

INLINE DIAFILTRATION WITH MULTI-CHANNEL PUMP

for which invention an application (provisional or non-provisional) for a U.S. patent was filed on February 4, 2016 , under U.S. Application No. 15/015,350 , and

WHEREAS, Pall Corporation, of 25 Harbor Park Drive, Port Washington, New York 11050, 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

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Attorney Docket No. 722770

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 02/03/2016

Engin  
Engin AYTURK


STATE OF Massachusetts )  
COUNTY OF WORCESTER )

On this 03 day of FEBRUARY, 2016, before me, a Notary Public in and for said county, appeared \_\_\_\_\_, 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.

H. Rahman  
Notary Public

{SEAL}

My Commission Expires: August 14th 2020

 **HOWLADER F. RAHMAN**  
Notary Public  
Commonwealth of Massachusetts  
My Commission Expires  
August 14, 2020

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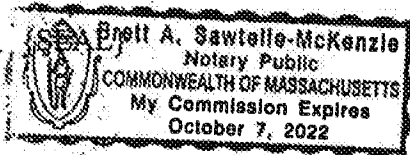
Date 2/6/16

Catherine Casey  
Catherine CASEY

STATE OF Massachusetts  
COUNTY OF Middlesex

On this 6 day of February, 2016, before me, a Notary Public in and for said county, appeared , 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.

Brett Sawtelle-McKenzie  
Notary Public



My Commission Expires: 10/7/2022

Date 10 Feb. 2016

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 10th day of February, 2016, before me, a Notary Public in and for said county, appeared M. 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 HARKINS  
Notary Public, State of New York  
01HA6031288  
Qualified in Nassau County  
My Commission Expires September 27 2017

(SEAL)

Mary Harkins  
Notary Public

My Commission Expires: Sept. 27 2017