

## PATENT ASSIGNMENT COVER SHEET

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT	
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT	
<b>CONVEYING PARTY DATA</b>		
	<b>Name</b>	<b>Execution Date</b>
	RONALD LEWIS HARTOG	03/20/2015
<b>RECEIVING PARTY DATA</b>		
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<b>City:</b>	PORT WASHINGTON	
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<b>Postal Code:</b>	11050	
<b>PROPERTY NUMBERS Total: 1</b>		
<b>Property Type</b>	<b>Number</b>	
<b>Application Number:</b>	14516063	
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<b>ATTORNEY DOCKET NUMBER:</b>	718843	
<b>NAME OF SUBMITTER:</b>	CHEN GU	
<b>SIGNATURE:</b>	/Chen Gu/	
<b>DATE SIGNED:</b>	04/14/2015	
<b>Total Attachments: 3</b>		
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## ASSIGNMENT

### WHEREAS, I

(1) Ronald Lewis Hartog of 16065 Canterbury Road, Union Pier, Michigan 49129,  
hereinafter referred to as Assignor, have invented a certain invention entitled:

### RAMPED FILTER VESSEL

for which invention an application (provisional or non-provisional) for a U.S. patent was filed on October 16, 2014, under U.S. Application No. 14/516,063 , and

WHEREAS, Pall Corporation , of 25 Harbor Park Drive Port, Washington NY 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 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,

In re Appln. of HARTOG  
Attorney Docket No. 718843

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,

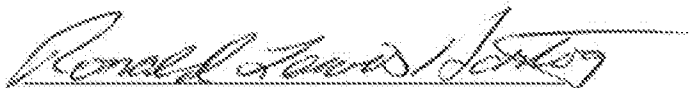
Assignor authorizes Assignee to insert in this assignment the number and filing date of the application if the number and filing date of the application are not recited herein at the time of execution of this assignment by any or all of the parties hereto,

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 3-20-15

  
Ronald Lewis Hartog

STATE OF Indiana )

COUNTY OF La Porte )

On this 20<sup>th</sup> day of March, 2015, before me, a Notary Public in and for said county, appeared Ronald Lewis Hartog, 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

{SEAL}

My Commission Expires: 9/22/19

In re Appln. of HARTOG  
Attorney Docket No. 718843


Date 3- April 2015

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

STATE OF New York }

COUNTY OF NASSAU }

On this 3rd day of April, 2015, before me, a  
Notary Public in and for said county, appeared Michael J. Forzano, Esq., 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

{SEAL}

My Commission Expires: Sept. 27, 2017

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