

## PATENT ASSIGNMENT COVER SHEET

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 Stylesheet Version v1.2

EPAS ID: PAT5619125

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
PATRICK WEBER	05/15/2019
GEORG HIRSCH	06/05/2019
THOMAS SCHROTH	06/12/2019
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	CARL FREUDENBERG KG
<b>Street Address:</b>	HOEHNERWEG 2-4
<b>City:</b>	WEINHEIM
<b>State/Country:</b>	GERMANY
<b>Postal Code:</b>	69469
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	16511010
<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>	3126165600
<b>Email:</b>	assignments@leydig.com
<b>Correspondent Name:</b>	LEYDIG, VOIT & MAYER, LTD.
<b>Address Line 1:</b>	TWO PRUDENTIAL PLAZA, SUITE 4900
<b>Address Line 2:</b>	180 NORTH STETSON AVENUE
<b>Address Line 4:</b>	CHICAGO, ILLINOIS 606016731
<b>ATTORNEY DOCKET NUMBER:</b>	816998
<b>NAME OF SUBMITTER:</b>	THOMAS P. CANTY
<b>SIGNATURE:</b>	/Thomas P. Canty/
<b>DATE SIGNED:</b>	07/16/2019
<b>Total Attachments: 6</b>	
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## ASSIGNMENT

I, Patrick Weber, residing at Mittelgasse 13; 69469 Weinheim; GERMANY; and

I, Georg Hirsch, residing at Hofaeckerstrasse 25; 76698 Ubstadt-Weiher;  
GERMANY; and

I, Thomas Schroth, residing at Ringstrasse 9; 67240 Bobenheim; GERMANY;

and each of us, if more than one person is identified above, have invented and have owned or  
do own a whole or partial right, title and interest in a certain invention entitled:

DESIGN, CONTROL AND OPERATION OF FILTERS FOR TURBO MACHINES

described in the patent application bearing the above Attorney Docket No. and title and

**WHEREAS,**

Carl Freudenberg KG

having an address at Hoehnerweg 2-4; 69469 Weinheim; GERMANY,

hereinafter referred to as Assignee, was and/or is desirous of acquiring the entire domestic and  
foreign right, title, and interest in and under the invention described in the above patent  
application.

**NOW, THEREFORE,** for good and valuable consideration, the receipt and sufficiency of  
which are hereby acknowledged, I/we have or hereby do assign and transfer to the Assignee  
and the Assignee's legal representatives, successors and assigns my/our full and exclusive  
rights in and to the invention in the U.S. and every foreign country and my/our entire right,  
title, and interest in and to the patent application and other such applications (e.g., provisional  
applications, non-provisional applications, continuations, continuations-in-part, divisionals,  
reissues, reexaminations, National phase applications, including petty patent applications, and  
utility model applications) that may be filed in the United States and every foreign country on  
the invention, and the patents, extensions, or derivations thereof, both foreign and domestic,  
that may issue thereon, and I/we do hereby authorize and request the Commissioner of Patents

to issue U.S. patents to the above-mentioned Assignee agreeably with the terms of this assignment document.

UPON SAID CONSIDERATION, I/we have conveyed or hereby do convey to the Assignee the right to make application in its own behalf for protection of the invention in the U.S. and countries foreign to the U.S. and to claim under the Patent Cooperation Treaty, the International Convention and/or other international arrangement for any such application the date of the U.S. application (or any other application on the invention) to gain priority with respect to other applications.

I/WE DO HEREBY COVENANT and agree with the Assignee that I/we will not execute any writing or do any act whatsoever conflicting with the terms of this assignment document set forth herein, and that I/we 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 perfect the Assignee's enjoyment of this assignment, and render all necessary assistance in making application for and obtaining original, continuation, continuation-in-part, divisional, reissued, reexamined, and National phase patents of the U.S. or of any and all foreign countries on the invention, and in enforcing any rights or choses in action accruing as a result of such applications or patents, and by executing statements and other affidavits, it being understood that the foregoing covenant and agreement shall bind, and inure to the benefit of, the assigns and legal representatives of all parties hereto.

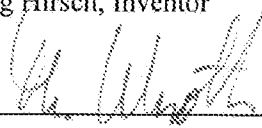
Date \_\_\_\_\_

Patrick Weber, Inventor

Date \_\_\_\_\_

Georg Hirsch, Inventor

Date 12 June 2019

  
Thomas Schroth, Inventor

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Date \_\_\_\_\_

Patrick Weber, Inventor

Date 06.05.19

Georg Hirsch, Inventor

Date \_\_\_\_\_

Thomas Schroth, Inventor

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Date 15.05.19

  
Patrick Weber, Inventor

Date \_\_\_\_\_

\_\_\_\_\_  
Georg Hirsch, Inventor

Date \_\_\_\_\_

\_\_\_\_\_  
Thomas Schroth, Inventor