

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

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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>
FILTER SENSING TECHNOLOGIES, INC.	04/22/2019
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	CTS CORPORATION
<b>Street Address:</b>	4925 INDIANA AVE.
<b>City:</b>	LISLE
<b>State/Country:</b>	ILLINOIS
<b>Postal Code:</b>	60532
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	14887771
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(630)577-8896
<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>	630-577-8800
<b>Email:</b>	daniel.deneufbourg@ctscorp.com
<b>Correspondent Name:</b>	CTS CORPORATION
<b>Address Line 1:</b>	4925 INDIANA AVE.
<b>Address Line 4:</b>	LISLE, ILLINOIS 60532
<b>ATTORNEY DOCKET NUMBER:</b>	762P007
<b>NAME OF SUBMITTER:</b>	DANIEL DENEUFBOURG
<b>SIGNATURE:</b>	/Daniel Deneufbourg/
<b>DATE SIGNED:</b>	04/22/2019
<b>Total Attachments: 1</b>	
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ASSIGNMENT

WHEREAS, Filter Sensing Technologies, Inc., a corporation duly organized under the laws of the State of Delaware and doing business in the City of Malden, the county of Middlesex and the State of Massachusetts is the owner of the invention entitled "FILTER RETENTATE ANALYSIS AND DIAGNOSTICS", including the subject matter described and claimed in the application for Letters Patent of the United States, U.S. Application Serial No. 14/887,771 filed on October 20, 2015; and

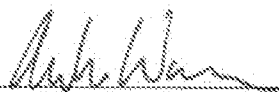
WHEREAS, CTS CORPORATION, a corporation duly organized under the laws of the State of Indiana and doing business in the City of Lisle, the County of DuPage and the State of Illinois, is desirous of acquiring the full and exclusive right, title and interest which I have or may have in and to the invention, design, and the application, including any continuation and any division of the application, and any Letters Patent of the United States and of foreign countries that may be granted for the invention and the design, and any renewal, any reissue and any extension of any such Letters Patent;

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN:

Be it known that for good and valuable consideration, I do hereby assign to CTS CORPORATION all the right, title and interest which I have or may have in and to the invention, design, and the application and any Letters Patent of the United States and of foreign countries that may be granted for the invention and the design and any continuation, division, renewal, reissue, and any extension of any such Letters Patent; the same to be held and enjoyed by CTS CORPORATION, its successors, legal representatives and assigns, as fully and entirely as the same would have been held and enjoyed by me if this assignment had not been made; and I hereby covenant and warrant that I have not executed and will not execute any instrument purporting to convey, mortgage, lease or otherwise transfer all, or any part of the interest, to anyone other than CTS CORPORATION, its successors, legal representatives and assigns.

And, for the above consideration, I hereby covenant and agree that I will, at the request of CTS CORPORATION, its successors, legal representatives and assigns, execute any and all renewal, continuation and divisional applications, both United States and foreign, for Letters Patent for the invention and design; and any and all applications for the renewal, the reissue and the extension of any Letters Patent, both United States and foreign, that may be granted for the invention and the design and do any and all other and further acts to obtain any such Letters Patent, and any renewal, any reissue and any extension of the same that CTS CORPORATION, its successors, legal representatives and assigns may deem necessary or expedient, without further compensation, but at the expense of CTS CORPORATION, its successors, legal representatives and assigns.

Dated: April 22, 2019

  
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Andrew Warren  
Vice President & Secretary  
Filter Sensing Technologies, Inc.