

## 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>
	TOMOAKI KANNO	03/20/2019
<b>RECEIVING PARTY DATA</b>		
<b>Name:</b>	FIL CORPORATION CO, LTD.	
<b>Street Address:</b>	F-105, 4-8, TSURUMAKIMINAMI,	
<b>City:</b>	HADANO-SHI, KANAGAWA	
<b>State/Country:</b>	JAPAN	
<b>Postal Code:</b>	257-0002	
<b>PROPERTY NUMBERS Total: 1</b>		
<b>Property Type</b>	<b>Number</b>	
<b>Application Number:</b>	16447731	
<b>CORRESPONDENCE DATA</b>		
<b>Fax Number:</b>	(202)962-0011	
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<b>ATTORNEY DOCKET NUMBER:</b>	190031	
<b>NAME OF SUBMITTER:</b>	MEL R. QUINTOS	
<b>SIGNATURE:</b>	/MRQ/	
<b>DATE SIGNED:</b>	06/25/2019	
<b>Total Attachments: 1</b>		
source=190031 Assignment (filed)#page1.tif		

**U.S. ASSIGNMENT**

IN CONSIDERATION of the sum of One Dollar (\$1.00), and of other good and valuable consideration paid to the undersigned inventor(s) (hereinafter ASSIGNOR) by  
**FIL CORPORATION CO, LTD.**

(Insert ASSIGNEE's  
Name(s) Address(es))

**F-105, 4-8, Tsurumakiminami, Hadano-shi,**

**Kanagawa 257-0002 JAPAN**

(hereinafter ASSIGNEE), the receipt of which is hereby acknowledged, the undersigned ASSIGNOR hereby sells, assigns and transfers to ASSIGNEE the entire and exclusive right, title and interest to the invention entitled:

(Title of Invention)

**FILTER MEDIUM, FILTER ELEMENT PROVIDED WITH SAME,**  
**AND METHOD FOR MANUFACTURING FILTER MEDIUM**

(\*If the assignment is  
being filed after the  
filing of the  
application, this  
section must be  
completed)

for which application for Letters Patent of the United States was executed on even date herewith unless otherwise indicated below:

\* filed on 06/20/2019, Serial No. 16/447,731

(Kratz, Quintos & Hanson, LLP is hereby authorized to insert the serial code, serial number and/or filing date hereon, when known)

and all Letters Patent of the United States to be obtained therefor on said application or any continuation, divisional, substitute, reissue or reexamination thereof for the full term or terms for which the same may be granted.

The ASSIGNOR agrees to execute all papers necessary in connection with the application and any continuation, divisional, reissue or reexamination applications thereof and also to execute separate assignments in connection with such applications as the ASSIGNEE may deem necessary or expedient.

The ASSIGNOR agrees to execute all papers necessary in connection with any interference, litigation, or other legal proceeding which may be declared concerning this application or any continuation, divisional, reissue or reexamination thereof or Letters Patent or reissue patent issued thereon and to cooperate with the ASSIGNEE in every way possible in obtaining and producing evidence and proceeding with such interference, litigation, or other legal proceeding.

IN WITNESS WHEREOF, the undersigned inventor(s) has (have) affixed his/her/their signature(s).

(Signatures)

  
(Signature)

**Tomoaki KANNO**  
(Type Name)

March 20, 2019  
(Date)

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