506320359 10/26/2020

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6367110

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
WOLFGANG PAHL	09/10/2020

RECEIVING PARTY DATA

Name:	TDK CORPORATION	
Street Address:	2-5-1, NIHONBASHI, CHUO-KU	
City:	TOKYO	
State/Country:	JAPAN	
Postal Code:	103-6128	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16630036

CORRESPONDENCE DATA

Fax Number: (317)977-4405

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.

Phone: 3129774400

Email: smonreal@nixonpeabody.com

Correspondent Name: NIXON PEABODY LLP

Address Line 1: 70 WEST MADISON STREET

Address Line 2: SUITE 3500

Address Line 4: CHICAGO, ILLINOIS 60602

ATTORNEY DOCKET NUMBER:	037343-289USPX	
NAME OF SUBMITTER:	JUSTIN D. SWINDELLS	
SIGNATURE:	/Justin D. Swindells - Reg. No. 48,733/	
DATE SIGNED:	10/26/2020	

Total Attachments: 2

source=037343-289USPX_Assignment#page1.tif source=037343-289USPX_Assignment#page2.tif

PATENT 506320359 REEL: 054161 FRAME: 0479

P2017,0926 US N (DH/RV)

ASSIGNMENT

For good and valuable consideration,

- I, Wolfgang Pahl, residing at Rupert-Mayer-Str. 6, 81379 Munich, Germany, a citizen of Germany;

hereby sell, assign, and transfer or confirm that I have sold, assigned and transferred to TDK CORPORATION, a corporation organized and existing under the laws of Japan, having its principal place of business at Tokyo, Japan.

hereinafter "Assignee", its successors, assigns and legal representatives, the entire right, title and interest in and for the United States and all foreign countries, in and to any and all improvements which are disclosed in the invention report with the title

"Particle ingress filter for MEMS components",

dated April 12, 2017, (EHF-reference: E2017,0293)

including all patent applications therefor that may have been filed or may be filed hereafter for said improvements in the United States, or under International Conventions, Treaties, or Agreements (collectively the "INVENTIONS"), including but not limited to <u>US</u> Patent Application

Filing No.: 16/630,036 Filing Date: January 10, 2020

Title: MEMS device with particle filter and method of manufacture

and do hereby authorize ASSIGNEE and its representative to hereafter add herein such application number, filing date and title;

and in and to all divisional, continuing substitute, renewal, reissue, and all other applications for Letters Patent which have been or shall be filed in the United States and all foreign countries on any of said INVENTIONS; and in and to all original and reissued patents which have been or shall be filed in the United States and all foreign countries on said INVENTIONS;

PATENT
REEL: 054161 FRAME: 0480

Agree that Assignee may apply for and receive Letters Patent for said INVENTIONS in its own name, and that, when requested, without charge to but at the expense of said Assignee, their successors, assigns, and legal representatives to carry out in good faith the intent and purpose of this agreement, the undersigned will execute all divisional, continuing substitute, renewal, reissue, and all other patent applications on any and all said INVENTIONS; execute all rightful oaths, assignments, powers of attorney and other papers; communicate to said Assignee, its successors, assigns, and representatives, all facts known to the undersigned relating to said INVENTION and the history thereof, and generally do everything possible which said Assignee, its successors, assigns, or representatives shall consider desirable for aiding in securing and maintaining proper patent protection for said improvements and for vesting title to said INVENTIONS and all applications for patents and all patents on said improvements, in said Assignee, its successors, assigns, and legal representatives; and

Covenant with said Assignee, its successors, assigns and legal representatives that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

Date: 10-5ep-2020 Coffey Parkl

Wolfgang Pahl

Page 2/2

PATENT REEL: 054161 FRAME: 0481