#### 505801251 12/03/2019

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

**SUBMISSION TYPE: NEW ASSIGNMENT** 

EPAS ID: PAT5848080

**NATURE OF CONVEYANCE: ASSIGNMENT** 

#### **CONVEYING PARTY DATA**

Name	Execution Date
Saori TAKAHASHI	11/28/2019
Masahito FURUKAWA	11/27/2019
Masamitsu HAEMORI	11/27/2019
Hiroki UCHIYAMA	11/27/2019
Wakiko SATO	11/27/2019
Hitoshi SAITA	11/27/2019

#### **RECEIVING PARTY DATA**

Name:	TDK Corporation	
Street Address:	2-5-1, Nihonbashi, Chuo-ku	
City:	Tokyo	
State/Country:	Japan	
<b>Postal Code:</b> 103-6128		

#### **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	16702280

### **CORRESPONDENCE DATA**

Fax Number: (703)836-2787

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: 703-836-6400 Email: email@oliff.com JAMES A. OLIFF **Correspondent Name:** Address Line 1: **OLIFF PLC** 

Address Line 2: P.O. BOX 320850

Address Line 4: ALEXANDRIA, VIRGINIA 22320-4850

ATTORNEY DOCKET NUMBER:	185913.01
NAME OF SUBMITTER: CYNTHIA KLINE	
SIGNATURE:	/Cynthia Kline/
DATE SIGNED:	12/03/2019
	This document serves as an Oath/Declaration (37 CFR 1.63).

PAIENI **REEL: 051166 FRAME: 0559** 505801251

# **Total Attachments: 2**

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PATENT REEL: 051166 FRAME: 0560

# Declaration and Assignment using an Application Data Sheet 出願データシートを用いた宣言書及び譲渡証

Japanese Language Declaration and Assignment

日本語宣言書及び譲渡証

Title of Invention:	Title of Invention: DIELECTRIC FILM, DIELECTRIC ELEMENT, AND ELECTRONIC CIRCUIT BOARD	
発明の名称		
私は、以下に記名され	いた発明者として、ここに下記の通り宣言する:	As a below named inventor, I hereby declare that;
この宣言書は、以下を	∵対象とする:	This declaration is directed to:
□ 本書に添ん	†されている出願、又は	☑ The attached application, or
□ 米国出願者	号文はPCT国際出願番号	☐ United States application or PCT international application number
	として、	
	の日に提出された出額	filed on
上記出願は、私が作成 る。	<b>보したもの、又は、私がその作成を認めたものであ</b>	The above-identified application was made or authorized to be made by me.
	ヽて特許請求範囲に記載された発明の、最初の発明 月者であると信じている。	I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.
の陳述も、合衆国法典	宣言書においてなされた、いかなる故意による虚偽 4第18編第1001条に基づき、罰金又は5年以下の拘 5により処罰されることを認識している。	I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.
一方、		WHEREAS,
	TDK Corp	poration
(以下「皺受人」) に	i,	(hereinafter referred to as "ASSIGNEE") having a place of business at:
	2-5-1, Nihonbashi, Chuo-ki	u, Tokyo 103-6128 Japan
る全ての外国において	き明について、及び合衆国及びその領土及びあらゆ て付与されたあらゆる特許証について、全ての権 と取得することを希望し、	is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent that may be granted therefore in the United States and its territorial possessions and in any and all foreign countries;
に、私は、本譲渡証に る完全で排他的な権利 に従って、前記出題に 及びその領土においっ の分割、再発行、継続	原を確認した有効にして価値ある対価と引き換え こより、合衆国及びその領土における該発明に対す 引(国際条約及びその他の関連する国際協定の条項 に基づく優先権を主張する権利を含む)と、合衆国 に基づく優先権を主張する権利を含むいと、合衆国 で付与されるあらゆる全ての特許証について及びそ 売、差し替え、及び更新のあらゆる全てについての 及び利益とを、該譲受人に売却し、譲渡し、及び移	NOW, THEREFORE, for good and valuable consideration, the receipt whereof is hereby acknowledged, I, do hereby sell, assign and transfer unto said ASSIGNEE, the full and exclusive right to the said invention in the United States and its territorial possessions (including the right to claim priority under the terms of the International Convention and other relevant International Treaties and Arrangements from the aforesaid application) and the entire right, title and interest in and to any and all Letters Patent which may be granted therefor in the United States and its territorial possessions and in and to any and all divisions, reissues, continuations, substitutions and renewal thereof.
持されたであろう場合 間の完全な最後まで、 び利益のために、あり ての権利、権原、及び	の議族及び売却がなされなかったならば私により保合と同様に完全且つ全体的に、付与され得る存続期 該議受人、その承継人及び非議渡者による専用及らゆる全ての特許証を、該特許証についての私の全 ド利益の譲受人としての該議受人に、合衆国及びそ デ当局が発行することを許可し及び要請する。	I hereby authorize and request the Patent Office Officials in the United States and its territorial possessions to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the assignee of my entire right, title and interest in and to the same, for the sole use and benefit of said ASSIGNEE, its successors and assigns, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by me had this Assignment and sale not been made.

**REEL: 051166 FRAME: 0561** 

更に、私は私が知る政務別に関するあらゆる事実を臨棄受人またはその代理人に伝え、あらゆる協的手続きにおいて配言し、法の認めた書面に署名し、全ての分割、継続、一類様徳、差し替え、更新、及び再発行出類に署名し、全ての必要な顧詢書類に署名することで該特許証のあらゆるもの全てが該額受人に発行されるようにし、正当な全ての資約をし、更に政策受人、その承継人及び非職被者が合衆国及びその領土において政策別について適切な保護を取得し及び行使することを援助するために一般に可能なことを全て行うことを、私は同意する。

Further, I agree that I will communicate to said ASSIGNEE or its representatives any facts known to me respecting said invention, and testify in any legal proceeding, sign will invent papers, execute all divisiones, continuation, continuation-in-part, materitate, removed and robusts applications, continuation and necessary assignment papers to sause any and all of said Letters Patent to be issued to raid ASSIGNEE, make all rightful oaths, and, generally do everything possible to ald said ASSIGNEE, its successors and assigns, to obtain and enforce proper protection for said invention in the United States and its feminish possessions.

いて販売財について適切な保護を取得し及び行めに一般に可能なことを全て行うことを、私だ	f使することを援助するた は同意する、	rightful caths, and, generally do everything possible to uld said ASSIGNER, ite successors and assigns, to obtain and caforce proper protection for said invention in the United States and its territorial possessions.
STATEMENT OF ACCURATE TRANS	ATION IN ACCORDA	NCE WITH 37 C.F.R. §1.69(B):
The Declaration and Assignment using an Applia Assignment using an Application Data Sheet.	cation Daia Shoot is an accum	de translation of the corresponding English language Declaration and
Signature: 4 Murch	Date:	4/14/2014
Date: H付_[1/28/2019	Legal Name of Inventor: 英男者氏名	Sacri TAKAHASHI
	Javeotor Signature 発明者署名	Saori Takahashi
Date: 日付 11/27 / 2019	Legal Name of Inventor: 発明者氏名	Masshito FURUKAWA
	Inventor Signature: 預明者署名	marahto Frankawa
Date: 日付 11/27/2019	Legal Name of Tavenier; 希明者氏名	Masamitsu HAEMORI
	Invotion Signature: 発明者署名	Maranitru Halmori
Date: 日付 11/27/2019	Legal Name of Inventor: 発明者氏名	Hitoki UCHIYAMA
	Inventor Signature: 另男者署名	Hiroki Uchiyama
Dates: 11 /27 /2019	Logal Name of Inventor: 発明者氏名	Wakiko SATO ,
	Inventor Signature: 英明者署名	Wakiko Sato
Date: 11 / 27 /2019	Logal Name of Inventor: 発明者氏名	Hitoshi SAITA
•	Inventor Signature: 発明者署名	Harsh Saita

**REEL: 051166 FRAME: 0562**