

## 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>
ADRIAN LO	09/23/2020
MASAFUMI KAMI	09/29/2020
JUN HIRABAYASHI	09/29/2020
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<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	17065853
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<b>NAME OF SUBMITTER:</b>	RENELL FEIMSTER FOR TOMOKI TANIDA
<b>SIGNATURE:</b>	/Renell Feimster for Tomoki Tanida/
<b>DATE SIGNED:</b>	10/09/2020
<b>Total Attachments: 4</b>	
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**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of:	:	Customer Number: 20277
Adrian LO et al.	:	
	:	
Application No.: Not Yet Assigned	:	Confirmation No.: Not Yet Assigned
	:	
Filed: October 8, 2020	:	Art Unit: N/A
	:	
For: CURRENT SENSOR	:	Examiner: Not Yet Assigned

**STATEMENT REGARDING ENGLISH TRANSLATION OF DECLARATION**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

I, Tomoki Tanida, am fluent in Japanese and I hereby certify that the attached English translation of the Declaration is an accurate translation.

Respectfully submitted,

MCDERMOTT WILL & EMERY LLP

/Tomoki Tanida/

Tomoki Tanida  
Registration No. 60,453

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Date: October 8, 2020

**Please recognize our Customer No. 20277 as  
our correspondence address.**

Attorney Docket No. \_\_\_\_\_

**COMBINED DECLARATION AND ASSIGNMENT FOR PATENT APPLICATION**特許出願の宣誓書および譲渡書

As a below named inventor, I hereby declare that:

私は、下記に記名された発明者として、以下について宣誓する：

I believe I am the original or an original joint inventor of a claimed invention in the application for which a patent is sought on the invention entitled:

私は、下記の名称の発明について、特許が求められている、本願の請求項に係る発明のもともとの発明者、または、もともとの共同発明者である：

**CURRENT SENSOR,**

This declaration is directed to:

この宣誓書は：

- ☒ the attached application, or  
添付された出願、または
- ☐ United States application number or PCT international application  
number \_\_\_\_\_ filed on \_\_\_\_\_.  
\_\_\_\_\_に出願された米国出願もしくは PCT 国際出願番号 \_\_\_\_\_ に宛てられている。

The above-identified application was made or authorized to be made by me.

上記の出願は、私自身、または私が権限を授与したものによって行われたものである。

In the event that the filing date and/or application number are not entered above at the time I execute this document, and if such information is deemed necessary, I hereby authorize and request the registered practitioners of **McDermott Will & Emery LLP**, associated with the Customer Number 20277, to insert above the filing date and/or application number of the application.

私がこの文書に署名する際に出願日および／または出願番号が記入されていない場合であって、その情報が必要であると認められる場合、私は、カスタマーナンバー 20277 の **McDermott Will & Emery LLP** の登録実務家が、本願の出願日および／または出願番号を記入すること承認する。

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.

本宣誓書において、故意に虚偽の申立を行った場合は、18 U.S.C. 1001 により、罰金、最高 5 年の禁固刑、またはその両方の対象となることを認める。

ASSIGNMENT

譲渡書

In consideration of the premises and other good and valuable consideration in hand paid, the receipt and sufficiency of which is hereby acknowledged, the undersigned, who have made a certain new and useful invention, hereby sell, assign and transfer unto

TDK Corporation

having an address at 2-5-1, Nihonbashi, Chuo-ku, Tokyo 103-6128 JAPAN

(hereinafter designated as the Assignee), its successors and assigns the entire right, title and interest for the United States of America as defined in 35 U.S.C. § 100 in the invention described in the application identified in this document, and the undersigned hereby authorize and request the United States Commissioner of Patents and Trademarks to issue any and all United States Letters Patent which may be granted therefor and any and all extensions, divisions, reissues, substitutes, renewals, continuations, or continuations-in-part thereof, and the right to all benefits under the International Convention for the Protection of Industrial Property to the Assignee, for its interest as Assignee, its successors, assigns and legal representatives; the undersigned agree that the attorneys of record in the application shall hereafter act on behalf of the Assignee;

新規かつ有用な発明をした署名者は、既述の事項および有効な約因が十分であることを確認し、ここに、上記の住所を持つ譲受人、その相続人および承継人に対し、この文書で特定された出願に開示された発明につき、35 U.S.C. §100 で定義されるアメリカ合衆国における、全ての権利、所有権、および利益を譲渡し、署名者は、特許庁長官に対し、その発明についての全ての米国特許権、および全ての存続期間の延長特許、分割出願の特許、再発行特許、代替出願の特許、更新出願の特許、継続出願の特許、または一部継続出願の特許の発行を要請し、さらに、工業所有権の保護に関する国際条約の下で認められる全ての利益に対する権利を、譲受人、その相続人、その承継人に譲渡および移転する。署名者は、本願の代理人が、譲受人を代理することに同意する。

AND the undersigned hereby agree to transfer a like interest, and to render all necessary assistance in making application for and obtaining original, divisional, reissued or extended Letters Patent of the United States, upon request of the Assignee, its successors, assigns and legal representatives, and without further remuneration, in and to any improvements, and applications for patent based thereon, growing out of or related to the said invention; and to execute any papers by the Assignee, its successors, assigns and legal representatives, deemed essential to Assignee's full protection and title in and to the invention hereby transferred.

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Legal name of first inventor Adrian LO	
First inventor's signature <i>Adrian LO</i>	Date 23 Sept 2020

Legal name of second inventor, if any Masafumi KAMI	
Second inventor's signature <i>Masafumi Kami</i>	Date 29 Sep 2020

Legal name of third inventor, if any Jun HIRABAYASHI	
Third inventor's signature <i>Jun Hirabayashi</i>	Date 29 Sep 2020

Legal name of fourth inventor, if any	
Fourth inventor's signature	Date