

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT5013708

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Kazuumi INUBUSHI	05/31/2018
Katsuyuki NAKADA	05/31/2018
RECEIVING PARTY DATA	
Name:	Tdk Corporation
Street Address:	3-9-1, Shibaura, Minato-ku
City:	Tokyo
State/Country:	Japan
Postal Code:	108-0023
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	15988707
CORRESPONDENCE DATA	
Fax Number:	(703)836-2787
<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>	
Phone:	703-836-6400
Email:	email@oliff.com
Correspondent Name:	JAMES A. OLIFF
Address Line 1:	OLIFF PLC
Address Line 2:	P.O. BOX 320850
Address Line 4:	ALEXANDRIA, VIRGINIA 22320-4850
ATTORNEY DOCKET NUMBER:	181552
NAME OF SUBMITTER:	PAMELA BALLARD
SIGNATURE:	/Pamela Ballard/
DATE SIGNED:	06/19/2018
Total Attachments: 1	
source=5835172_1#page1.tif	

ASSIGNMENT

Whereas, I/we,

<u>Name</u>	<u>Address</u>
1) Kazuomi INUBUSHI	c/o TDK Corporation, 3-9-1, Shibaura, Minato-ku, Tokyo 108-0023 Japan
2) Katsuyuki NAKADA	c/o TDK Corporation, 3-9-1, Shibaura, Minato-ku, Tokyo 108-0023 Japan

hereinafter called assignor(s), have invented certain improvements in
MAGNETORESISTIVE EFFECT ELEMENT, MAGNETIC HEAD, SENSOR, HIGH-FREQUENCY FILTER, AND OSCILLATOR

and executed an application for Letters Patent of the United States of America therefor on even date herewith unless otherwise indicated below:

filed on May 24, 2018, Serial No. 15/988707; and

Whereas
 TDK Corporation
 3-9-1, Shibaura,
 Minato-ku, Tokyo 108-0023 Japan

(assignee), desires to acquire the entire right, title and interest in the application and invention, and to any United States patents to be obtained therefor;

NOW THEREFORE, be it known that, for good and valuable consideration from assignee, the receipt of which is hereby acknowledged, I/WE, as assignor(s), have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the assignee, its lawful successors and assigns, MY/OUR entire right, title, and interest in and to this invention and this application, and all divisions, and continuations thereof, and all Letters Patent of the United States which may be granted thereon, and all reissues thereof; and I/WE hereby authorize and request the Commissioner of Patents and Trademarks of the United States to issue all Letters Patent for this invention to assignee, its successors and assigns, in accordance with the terms of this Assignment;

AND, I/WE HEREBY further covenant and agree that I/WE will, without further consideration, communicate with assignee, its successors and assigns, any facts known to ME/US respecting this invention and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver all papers that may be necessary or desirable to perfect the title to this invention in said assignee, its successors and assigns, execute all divisional, continuation, and reissue applications, make all rightful oaths and generally do everything possible to aid assignee, its successors and assigns, to obtain and enforce proper patent protection for this invention in the United States, it being understood that any expense incident to the execution of such papers shall be borne by the assignee, its successors and assigns.

In the event that the patent application filing date or serial number is not known at the time this Assignment is executed, I/WE hereby grant permission to the attorneys of record in the patent application to fill in the filing date and/or serial number above, and to record this Assignment after such information is added.

	<u>INVENTORS</u>	<u>DATE SIGNED</u>
1):	Kazuomi INUBUSHI	May 31, 2018
Name :	Kazuomi INUBUSHI	
2):	Katsuyuki NAKADA	May 31, 2018
Name :	Katsuyuki NAKADA	